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ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

JANUARY 1978

1. ANDESITE. Broken Hill, N.S. Wales, Australia. Small sharp glassy transparent tabular crystals richly scattered over cellular brown limonitic goossan with odd green coated Diopside crystals and a little Cerussite.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
2. ANMONITE. Hollister Mine, nr. Egremont, Cumberland. Slightly iridescent lustrous bicolor small sharp crystals thickly covering a cellular matrix with a little crystallized Quartz.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
3. APATITE. St. Gotthard, Ticino, Switzerland. Sharp transparent creamy coloured crystals to 4 mm in size scattered over matrix with odd chlorite coated well formed crystals of QUARTZ to  $\frac{1}{2}$ " in size in association.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
4. ARSENOPIRYRITE. Mina Kocha Buena, Zacatecas, Mexico. Fine bright silvery sharp terminated elongated crystals to 1 cm in length thickly covering a pyrites matrix with odd silvery-grey needle crystals of Boulangerite. Attractive specimen.  $3 \times 2 \times 1\frac{1}{2}$ ", £13.00
5. ATACAMITE. Remolinos, Atacama Desert, Chile. Very rich deep green bladed crystalline mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
6. ATTACOLITE. Vestana, Sweden. Rich pinkish mass associated with platy biotite mica.  $2 \times 1$ ", £1.75p
7. AZURITE. Tynagh Mine, Co. Galway, Eire. Rich bright blue crystal rosettes and thick crystalline crusts scattered on quartzose matrix with odd patches of greenish Malachite. Individual crystal rosettes range up to  $\frac{1}{4}$ " in size.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p
8. AZURITE. Laurium, Attica District, Greece. Very rich bright blue botryoidal crust of small sparkling crystals thickly covering limonitic matrix.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
9. BARYTES. Wetgrove Mine, Wansleydale, Yorkshire. Sharp lustrous creamy coloured wedge-like crystals to  $\frac{1}{2}$ " in size thickly covering and free-standing on matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
10. BAYLDONITE. Wheal Carpenter, Swinbar, Cornwall. Lime green coloured rich crusts of sparkling micro crystals covering areas on and lining cavities in quartz veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ", £3.25p.
11. BOERNITE. Carr Brea Mine, Illogan, Cornwall. Small sharp tarnished cubic crystals scattered on one and of cellular quartzose veinstuff.  $1\frac{1}{2} \times 1 \times 1$ ", £4.50p
12. BOURNONITE. Mepnik, Romania. Silvery-grey twinned cog-wheel crystals to 3 mm in size aggregated and scattered on translucent light brownish Sphalerite crystals to  $\frac{1}{2}$ " in size covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00

13. BRAUNITE. Spexeryd, Smaland, Sweden. Sparkling blackish micro crystals richly lining cavities in massive grey braunite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
14. CALCITE. Boltsburn Mine, Rookhope, Co. Durham. Intergrown group of large creamy to greyish sharp flat nail-head crystals to  $2\frac{1}{2}$ " in size. Attractive specimen for display.  $6 \times 4 \times 2$ ", £9.00
15. CALCITE. Naica, Chihuahua, Mexico. Select snowy-white large sharp rhombic crystal  $1\frac{1}{2}$ " on face edges, implanted on matrix with odd smaller Calcite crystals and a little well crystallised black Sphalerite and odd small crystals of brassy Pyrites.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
16. CALCITE. Florence Mine, Egremont, Cumberland. An intergrown group of very lustrous tapering translucent creamy coloured terminated crystals to 1" in length. An interesting old label accompanies the specimen.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p
17. CASSITERITE. St. Agnes, Cornwall. Lustrous blackish to deep brown sharp crystals to 3 mm in size richly scattered over both sides of a massive cassiterite matrix. An old label is attached to the specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £7.00
18. CASSITERITE. Kit Hill Mine, Callington, Cornwall. Heavy deep brown crystalline mass associated with a little black tourmaline and with a  $\frac{1}{2} \times \frac{1}{2}$ " area of very bright translucent brownish sharp crystals to 4 mm in size on one surface.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
19. CASSITERITE. Llallagua, Potosi, Bolivia. Select group of bright black sharp twinned crystals to nearly  $\frac{1}{4}$ " in size on massive cassiterite.  $1 \times 2$ ", £6.50p
20. CELESTITE. Yate, near Bristol, Gloucestershire. Specimen A: Choice lustrous orange coloured tabular crystals to nearly  $\frac{1}{2}$ " in size thickly intergrown on massive celestite.  $3 \times 2 \times 1\frac{1}{2}$ ", £3.25p. Specimen B: As specimen A,  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.25p
21. CERULEITE. Wheal Gorland, St. Day, Cornwall. Specimen A: Rich light blue micro crystallised crusts on and in cellular quartzose matrix with much lustrous well crystallised OLIVENITE in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.50p. Specimen B: Rich light blue crusts on and in gossany matrix.  $1\frac{1}{2} \times 1 \times 1$ ", £2.75p
22. CERUSSITE. Proprietary Mine, Broken Hill, N.S. Wales, Australia. Very choice lustrous creamy-white large twinned tabular crystals to 2" in size intergrown on a dark limonitic matrix. Fine specimen for display, which was collected early this century from the higher workings of the mine.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £38.00
23. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Specimen A: Choice very lustrous glassy clear sharp twinned crystals to 1 cm in size richly scattered over matrix with creamy dolomite crystals in association.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.50p. Specimen B: As specimen A but with crystals to only  $\frac{1}{4}$ " in size.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £5.50p
24. CHALCOALUMITE. Grandview Mine, Grand Canyon, Arizona, U.S.A. Sky blue slightly botryoidal silky crusts lining joints in limonitic matrix.  $1\frac{1}{2} \times 1$ ", £1.25p
25. CHALCOOCITE. Tincroft Mine, Illogan, Cornwall. Specimen A: Select bright silvery-grey well formed striated crystals to  $\frac{1}{4}$ " in size thickly lining a  $1\frac{1}{2} \times \frac{1}{2}$ " cavity in matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00. Specimen B: Choice bright silvery-grey well formed twinned crystals to 4 mm in size thickly intergrown and covering matrix.  $1 \times 1$ ", £6.50p.
26. CHALCOOCITE. Trenwith Mine, St. Ives, Cornwall. Rich heavy greyish metallic mass associated with a little tarnished sphalerite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
27. CHALCOPYRITE. Silverton, Colorado, U.S.A. Select tarnished brassy twinned crystals to over  $\frac{1}{4}$ " in size intergrown on matrix with a little crystallised milky quartz and curved light brown crystals of siderite and a little pyrites.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £11
28. CHILDRENITE. George & Charlotte Mine, nr. Tavistock, Devon. Specimen A: Choice coffee coloured sparkling sharp crystals to 1 mm in size richly covering large areas of altered veinstuff.  $3 \times 2$ ", £9.80. Specimen B: Lustrous coffee coloured sharp sparkling crystals mostly around 1 mm in size richly lining cavities in siderite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen C: As specimen B, but not quite so rich.  $1\frac{1}{2} \times 1$ ", £3.25p.



29. CHRYSOCOLLA. Tates Drift, Wanlockhead, Dumfries, Scotland. Rich bright blue thick slightly botryoidal crust covering matrix with a little needly green Malachite.  $2\frac{1}{2} \times 1\frac{1}{2}$ " , £1.25p
30. CHRYSOCOLLA. Morenci Mine, Arizona, U.S.A. Rich bluish-green mass with the surface covered with botryoidal chalcodony which has a colourful bright greenish tint due to the underlying chrysocolla.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p
31. COBALTITE. Hakansbo, Vastmanland, Sweden. Select bright silvery sharp crystal nearly 4 mm in size partially embedded in pyrrhotite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ " , £6.50p
32. NATIVE COPPER. Wheal Gorland, St. Day, Cornwall. Rich metallic hackly masses and small crystals scattered and aggregated on quartzose matrix, with a little crystallised Cuprite on the reverse side.  $2\frac{1}{2} \times 2$ " , £2.25p
33. NATIVE COPPER. Treskerby Mine, Gwennap, Cornwall. Specimen A: Select sharp elongated spiky crystals and dendritic masses forming an intergrown mass with a little milky quartz. The crystals range in size up to 1 cm.  $2\frac{1}{2} \times 2$ " , £11.00  
Specimen B: Rich bright metallic branching mass of small sharp crystals with a little quartz. Overall size  $2 \times 1\frac{1}{2}$ " , £3.50p
34. CROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Specimen A: Bright orangey sharp terminated crystals to 4 mm in length richly scattered over both sides of limonitic matrix and with small light green PYROMORPHITE crystals in association.  $2 \times 1\frac{1}{2}$ " , £3.25p. Specimen B: As specimen A, but with the crystals on one side only.  $1\frac{1}{2} \times 1$ " , £1.25p.
35. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Choice bright dark reddish sharp octahedral crystals to 3 mm in size richly lining numerous large cavities in cellular quartz matrix and with a little blackish Melanconite on one side.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £17.00
36. CUPRITE. Poldory Mine, Gwennap, Cornwall. Deep reddish well formed modified crystals to 4 mm in size covering areas of milky quartz matrix.  $2 \times 2 \times 1$ " , £3.25p
37. CUPRITE. Telstar Qry., Goonhilly Down, Lizard, Cornwall. Rich dark reddish solid vein-section with greenish chrysocolla on the sides.  $2 \times 2$ " by  $\frac{1}{2}$ " thick. £2.25p  
Specimen B: Rich lustrous deep reddish vein-section associated with bands of greenish chrysocolla.  $1\frac{1}{2} \times 1 \times 1$ " , £1.50p
4. DUPRODAMITE. Laurium, Attica District, Greece. Small sharp sparkling lime-green crystals thickly lining large cavities in brownish limonitic matrix.  $3 \times 2\frac{1}{2}$ " , £6.50p
39. DOLOMITE. Smallelaugh Mine, Nenthead, Cumberland. Lustrous creamy coloured sharp curved rhombic crystals thickly covering both sides of matrix with odd sharp bright metallic cubic crystals of Galena to 1 cm in size in association, and odd sharp crystals of Chalcopyrite.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " , £4.50p
40. DOLOMITE. Treace, Kansas, U.S.A. Choice light pinkish sharp curved 'saddle-shaped' crystals thickly covering matrix with the reverse side showing small sharp bright brassy scattered crystals of Chalcopyrite.  $5 \times 4$ " , £6.50p
41. EDENITE. Wilberforce, Ontario, Canada. Select lustrous blackish terminated crystals and crystal sections to  $\frac{1}{2}$ " in length partially embedded in creamy Calcite.  $2 \times 1\frac{1}{2} \times 1$ " , £4.50p
42. ELXENITE. Ambohidrano, Tananarive Province, Madagascar. Choice sharp terminated elongated single crystals with a slight surface alteration coating. Crystals each approx 1" in size, £3.25p each.
43. FLUORITE. Wheal Jane, Kna, Cornwall. Pale purple highly modified transparent cubic crystals to  $\frac{1}{4}$ " in size clustered on a 1" area on veinstuff with slender clear Quartz crystals and greenish crystallised Chlorite in association. The fluorite crystals very much resemble those that were found in the mines around St. Agnes in the old days.  $3 \times 2 \times 1\frac{1}{2}$ " , £3.50p
44. FLUORITE. Nerchinsk, Ural Mts., Russia. Transparent very pale green highly modified crystals mostly around 3-4 mm in size richly lining several large cavities in a quartzose matrix. Very 'old' specimen.  $3 \times 2 \times 1\frac{1}{2}$ " , £4.50p
45. GALENA. Joplin, Missouri, U.S.A. Choice bright metallic grey large composite single crystal showing interesting growth patterns on it's faces.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ " , £9.00

- 46. GALENA replacing PYROMORPHITE. Wheel Hope, Perranzabuloe, Cornwall. Sharp elongated hexagonal pyromorphite crystals to 1 cm in length completely replaced by Galena richly scattered over a cellular matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £14.00
- 47. GOETHITE. Botallack Mine, St. Just, Cornwall. Lustrous brownish banded-fibrous mass with a  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity lined with bright, clear sharp terminated Quartz crystals to nearly  $\frac{1}{2}$ " in size.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p
- 48. NATIVE GOLD. Grass Valley, California, U.S.A. Very rich bright golden hackly mass intermixed with milky quartz.  $\frac{1}{2} \times \frac{1}{2}$ " , £14.00
- 49. NATIVE GOLD. Comstock lode, Nevada, U.S.A. Very rich heavy mass inter-mixed with chalcocopyrite and galena.  $1\frac{1}{2} \times 1$ " , weight 35 gms. £33.00
- 50. HEMATITE. Rio Marina, Isle of Elba, Italy. Very choice lustrous black sharp large crystals to 1" in size intergrown and free-standing on massive hematite matrix. Fine specimen for display.  $4 \times 3 \times 1\frac{1}{2}$ " , £33.00
- 51. HEMIMORPHITE. Mina Ojuela, Mapimi, Durango, Mexico. Select lustrous sharp creamy coloured terminated crystals to 1 cm in length thickly covering in sheaf-like aggregates a limonitic matrix.  $4 \times 3$ " , £11.00
- 52. HEMIMORPHITE. Noble Pits, Sterling Hill, New Jersey, U.S.A. Lustrous creamy-white well formed crystals and crystal sprays to  $\frac{1}{2}$ " in size thickly intergrown and covering both sides of matrix.  $3 \times 3 \times 1\frac{1}{2}$ " , £13.00
- 53. HETEROGENITE. Blue Jay Mine, Goodsprings, Nevada, U.S.A. Rich greyish-black masses aggregated in calcite matrix.  $3 \times 2 \times 1\frac{1}{2}$ " , £2.50p
- 54. HIORTDAHLITE. Stokkoya, Langesundsfjorden, Norway. Eight brown bladed crystal sections to 5 mm in length scattered in nepheline-syenite. Specimen A:  $3 \times 1\frac{1}{2} \times 1$ " , £2.75p. Specimen B:  $1\frac{1}{2} \times 1$ " , £1.25p
- 55. ILMENITE. Kragero, Norway. Choice black intergrown group of large distorted crystals to 1" on face edge, and with interesting growth patterns on the crystal faces.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £11.00
- 56. JACOBSSITE. Langban, Wermland, Sweden. Very rich lustrous black crystalline mass.  $1\frac{1}{2} \times 1$ " , £1.25p
- 57. KIMBITE. Christmas Mine, Gila Co., Arizona, U.S.A. Bright blue crystal aggregates and thin crusts scattered in cavities in matrix with small clear crystals of Apophyllite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p
- 58. KOTTIGITE. Mina Ojuela, Mapimi, Durango, Mexico. Sage-green elongated crystals and crystal sprays to 4 mm in length scattered over both sides of limonitic matrix.  $1\frac{1}{2} \times 1$ " , £4.50p
- 59. LINNAEITE. Musen, Westphalia, Germany. Small sharp silvery octahedral crystals to over 1 mm in size sparsely scattered in cavities in massive tetrahedrite with well formed lustrous grey crystals of Tetrahedrite to 4 mm in size and a little crystallised Siderite.  $1\frac{1}{2} \times 1$ " , £6.50p
- 60. LUDWIGITE. Brosso Mine, Ivrea, Torino, Italy. Rich divergent silky blackish crystalline mass with a little bronzey pyrrhotite.  $2\frac{1}{2} \times 2\frac{1}{2}$ " , £3.25p
- 61. MALACHITE. Bisbee, Cochise Co., Arizona, U.S.A. Attractive bright green silky pure crystalline mass showing a radiated structure in places.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £2.75p
- 62. MALACHITE. Concepcion del Oro, Zacatecas, Mexico. Select light green silky velvety masses thickly covering a limonitic matrix with numerous lustrous creamy well formed Calcite crystals to  $\frac{1}{4}$ " in size in association.  $5 \times 3\frac{1}{2} \times 3$ " , £11.00
- 63. MANGANESE DOLOMITE. Trepca, Yugoslavia. Specimen A: Choice lustrous pinkish small sharp curved rhombic crystals richly covering matrix with bright clear Quartz crystals, large lustrous black Sphalerite crystals to 1" in size and a little creamy crystallised Calcite in association. Very fine specimen for display.  $6\frac{1}{2} \times 6 \times 2\frac{1}{2}$ " , £44.00. Specimen B: Lustrous light pink crystal aggregates richly scattered over matrix with bright black Sphalerite crystals to  $\frac{1}{4}$ " in size and slender milky Quartz crystals in association.  $4 \times 3\frac{1}{2} \times 2$ " , £14.00



64. MELANITE (variety of Andradite garnet). San Benito Co., California, U.S.A. Choice bright black sharp crystals to 4 mm in size thickly covering both sides of matrix. Very choice specimen for display.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £23.00
65. MIMETITE. Tsamab, Otavi, S.W. Africa. Lustrous orange-yellow crystals and crystal clusters to  $\frac{1}{4}$ " in size richly scattered on matrix.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £4.50p
66. NICCOLITE. Leinijaur, Lapland, Sweden. Rich bronzy metallic masses in massive black Magnetite matrix.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ", £3.25p
67. OLIVENITE. Wheal Sorland, St. Day, Cornwall. Specimen A: Small sharp sparkling olive-green crystals lining numerous cavities in cellular quartz matrix, with a little blackish Psilomelane.  $3 \times 2 \times 2$ ", £7.00. Specimen B: Bright olive-green sharp needle crystals lining numerous cavities in quartz matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £3.25p
68. ORPIMENT. Napoleon Vein, Quiruvilca, Libertad Dept., Peru. Select lustrous orangey intergrown groups of sharp terminated crystals mostly around  $\frac{1}{4}$ " in size. Specimen A:  $2 \frac{1}{2} \times 2 \frac{1}{2}$ ", £14.00. Specimen B:  $2 \frac{1}{2} \times 2$ ", £11.00. Specimen C:  $2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £7.00. Specimen D:  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £4.50p
69. ORTHITE. Moeskul, Arendal, Norway. Lustrous blackish platy masses associated with large plates of Biotite Mica.  $2 \frac{1}{2} \times 2$ ", £1.25p
70. PHARMACOSIDERITE. Wheal Pendarves, Camborne, Cornwall. Small bright green sharp cubic crystals lining cavities in cellular quartz/limonite veinstuff.  $3 \frac{1}{2} \times 2 \frac{1}{2} \times 2$ ", £8.00
71. PSEUDOMALACHITE. Libethen, near Neusohl, Czechoslovakia. Very rich bright green mass with a little milky quartz, and a botryoidal structure in places.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £3.25p
72. PYRITES. Soria, Spain. Select very sharp and bright brassy single cubic crystals, some showing twinning. Each approx  $1 \times 1 \times 1$ " in size, £3.25p each.
73. PYROCLUSITE. Chillaton & Hogstor Mine, Milton Abbot, Devon. A deep  $1 \frac{1}{2} \times 1 \frac{1}{2}$ " cavity in matrix completely lined with bright greyish-black sharp spiky crystals. Very choice specimen for this location.  $3 \times 2 \times 2$ ", £9.00
74. PYROMORPHITE. Braubach, Ems, Germany. Bright light brown sharp hexagonal crystals to 8 mm in size forming a pure intergrown cellular heavy mass with sharp crystals completely covering the surface, and with odd creamy-white twinned Cerussite crystals in places.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £33.00
75. PYROMORPHITE. Leadhills, Lanarkshire, Scotland. Lustrous pale green small well formed crystals thickly covering the surface and sides of a cellular matrix.  $1 \frac{1}{2} \times 1$ ", £1.50p.
76. PYROPHYLITE. Indian Gulch, Mariposa Co., California, U.S.A. Creamy coloured silky radiated crystal masses to nearly 1" in diameter aggregated on and in matrix.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £4.50p
77. QUARTZ. Botallack Mine, St. Just, Cornwall. Select sharp clear terminated crystals to  $\frac{1}{2}$ " in size completely covering a quartz/chlorite matrix, and with black platy crystals of SPECULARITE enclosed in the Quartz crystals. Fine specimen for display.  $5 \frac{1}{2} \times 3 \times 2$ ", £14.00
78. QUARTZ. Beckwith Mine, Isle of Man. Very bright sparkling clusters of clear small pyramidal crystals thickly covering quartz matrix. Unusual and attractive specimen.  $4 \times 3 \times 1 \frac{1}{2}$ ", £9.00
79. QUARTZ. Kessandza Mine, Chalkidiki, Greece. Sharp milky elongated terminated crystals to over  $\frac{1}{2}$ " in length completely covering and free-standing on matrix with numerous striated cubic Pyrites crystals to 5 mm in size in association.  $4 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ", £11.00
80. SCORODITE. Hemerdon Ball openworks, Plympton, Devon. Specimen A: Fine light bluish to greenish clear sharp crystals to 2 mm in size richly lining large cavities on quartz/greisen matrix.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £8.00. Specimen B: Lustrous sparkling light blue to greenish sharp crystals richly lining cavities in quartz matrix.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ", £4.50p. Specimen C: Lustrous light greenish to greyish sharp crystals to 2 mm in size lining cavities in greisen matrix.  $1 \frac{1}{2} \times 1 \times 1$ ", £2.25p

81. **SIDERITE**. Morro Velho goldmine, Ouro Preto, Minas Gerais, Brazil. Choice bright light brown sharp lenticular crystals to  $\frac{1}{4}$ " in size scattered over matrix and associated with creamy transparent rhombic Dolomite crystals and odd small bronzey hexagonal Pyrrhotite crystals.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
82. **NATIVE SILVER**. Broken Hill, N.S. Wales, Australia. Silvery spongy crystalline masses and small wires aggregated on and in cellular Galena matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
83. **SMITHSONITE**. Tsameb, Otavi, S.W. Africa. Choice large sharp light purplish coloured rhombic crystals to nearly  $\frac{1}{2}$ " in size, intergrown on crystalline smithsonite matrix. Unusually large crystals for this mineral.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £22.00
84. **SPHALERITE**. Threlkeld Mine, Threlkeld, Cumberland. Bright black sharp crystals to 4 mm in size richly scattered over milky quartz veinstuff.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
85. **SPHALERITE**. Wheel Jane, Kes, Cornwall. Large lustrous black polysynthetic twinned crystal  $\frac{1}{2} \times \frac{1}{2}$ " in size implanted on quartzose matrix with elongated Quartz crystals and odd small Pyrites crystals in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B: Bright black intergrown group of sharp crystals to  $\frac{1}{4}$ " in size.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p.
86. **SPHALERITE** variety **SCHALENLENDE**. Příbram, Bohemia, Czechoslovakia. Pure creamy to light brown well banded mass showing a botryoidal structure in cavities.  $3 \times 2 \times 1\frac{1}{2}$ ", £3.25p
87. **STANNITE**. East Pool Mine, Illogan, Cornwall. Rich metallic grey tarnished masses in milky quartz on granite matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £2.75p
88. **STIBNITE**. Wheel Boys, St. Endellion, Cornwall. Metallic grey bladed crystalline mass with included fragments of slate.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p
89. **STILPOMELANE**. Landsverk, Evje, Norway. Greenish silky crystal masses and scales richly scattered on creamy microcline feldspar.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
90. **TARBUTITE**. No. 2 Kopje, Broken Hill Mine, Kabwe, Zambia. Lustrous sparkling small sharp creamy to pale greenish crystals thickly covering limonitic matrix with odd small frosty creamy coloured **PARAHOPEITE** crystals scattered on the tarbutite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
91. **TELLUROBISMUTHITE**. Mangfallsberget, Vasterbotten, Sweden. Rich metallic silvery masses scattered in skarn type matrix with minor Tetradymite. Specimen A:  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p. Specimen B:  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p.
92. **TORBERNITE**. Tryphena Mine, Camborne, Cornwall. Deep green sharp tabular crystals to 2 mm in size scattered on iron-stained altered granite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
93. **TOURMALINE** variety **DRAVITE**. Yinniethearra, Western Australia. Select bright brownish sharp doubly terminated single crystals. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p.
94. **VANADINITE**. Old Yuma Mine, Arizona, U.S.A. Bright orangey sharp hexagonal crystals to 4 mm in length richly scattered over calcite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
95. **VARISCITE**. Avant, Arkansas, U.S.A. Select apple-green thick crystalline crusts lining cavities in brecciated matrix with odd light green radiated masses of **WAVELLITE** to over  $\frac{1}{4}$ " in diameter with their surfaces showing distinct crystal faces.  $3\frac{1}{2} \times 3 \times 2$ ", £8.00
96. **WILLEMITE**. Franklin, Sussex Co., New Jersey, U.S.A. A portion of a large reddish to creamy coloured large crystal showing some good faces.  $1\frac{1}{2} \times 1$ ", £2.25p
97. **WITHERITE**. Fallowfield Mine, Hexham, Northumberland. Lustrous creamy coloured well formed bi-pyramidal crystals to 1 cm in size thickly encrusting both sides of massive witherite matrix.  $4\frac{1}{2} \times 3 \times 2$ ", £14.00
98. **WOLFRAMITE**. East Pool Mine, Illogan, Cornwall. Very rich bright black large bladed crystal masses associated with a little milky quartz and chlorite. An old label is attached to the specimen.  $5 \times 3 \times 1\frac{1}{2}$ ", £8.00
99. **WULFENITE**. Tsameb, Otavi, S.W. Africa. Light brown sharp tabular crystals to  $\frac{1}{4}$ " in size scattered over a cellular quartz matrix with much light greenish small tufts of Malachite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p
100. **ZIRCON**. Sierra del Cadeas, Minas Gerais, Brazil. Lustrous brownish-red pure crystal mass  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p



ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special request and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

FEBRUARY 1978

1. ANGESITE. Broken Hill, N.S. Wales, Australia. Small sharp sparkling glassy crystals to 3 mm in size thickly covering an intergrown mass of creamy bladed CERUSSITE crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £7.00
2. ARAGONITE. Buckfastleigh, Dartmoor, Devon. Specimen A: Select lustrous creamy white divergent crystal spray  $1\frac{1}{2}$ " in length growing from an intergrown mass of crystals with a little brownish Ankerite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen B: Intergrown group of lustrous translucent creamy-white crystals to  $\frac{1}{2}$ " in length on Ankerite matrix.  $1\frac{1}{2} \times 1$ ", £1.50p. Specimen C: Lustrous creamy-white divergent crystal spray with no matrix attached.  $1\frac{1}{2} \times \frac{1}{2}$ ", £0.80p.
3. AZURITE. Tsambei, Otavi, S.W. Africa. Bright blue small sharp crystals to 4 mm in size scattered on cellular azurite/chalcocite matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.50p
4. AZURITE. Tynagh Mine, Co. Galway, Eire. Select cellular mass of bright blue small sharp sparkling crystals with minor limonite in places.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{3}{4}$ ", £11.00
5. BARYTES. Mt. Wellington Mine, Twelveheads, Cornwall. Specimen A: Lustrous well formed terminated greyish crystals to 1 cm in size aggregated in groups to  $\frac{1}{2}$ " and scattered over tarnished Chalcopyrite crystals to 8 mm in size covering massive chalcopyrite matrix.  $4\frac{1}{2} \times 3 \times 2$ ", £16.50p. Specimen B: Translucent greyish to creamy coloured lustrous crystals to  $\frac{1}{4}$ " in size thickly scattered over milky pyramidal quartz crystals covering quartzose veinstuff.  $2\frac{1}{2} \times 2 \times 2$ ", £8.00. Specimen C: As specimen B, but covering chalcopyrite matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen D: As specimen B, but with odd Pyrites crystals in association and covering iridescent chalcopyrite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. These specimens resemble the old samples that were found last century in the Ale & Cakes mine in Gwennap; barytes is a rare mineral in the Cornish orefield.
6. BARYTES. Hilton Mine, Scordale, Westmoreland. Specimen A: Select transparent water-clear tabular terminated crystal group.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.75p. Specimen B: Water-clear single crystals and crystal groups, each approx  $1\frac{1}{2} \times 1$ ", £1.25p each.
7. BERTHIERITE. Schjennitz, Bohemia, C.S.S.R. Tarnished greyish crystal aggregates to 3 mm in size scattered over creamy Calcite crystals covering quartz matrix.  $2\frac{1}{2} \times 2$ ", £4.50p
8. BERYL variety EMERALD. Muzo, nr. Bogota, Colombia. Transparent emerald green well formed hexagonal crystals and crystal sections to  $\frac{1}{4}$ " in length scattered on a  $\frac{1}{2}$ " area on quartz/crystalline Emerald matrix.  $1\frac{1}{2} \times 1$ ", £14.00
9. BERZELIANITE. Skrikerum, nr. Tryserum, Kalmar, Sweden. Rich greyish masses and threads impregnating creamy Calcite.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p.

10. NATIVE BISMUTH. Schneeberg, Saxony, Germany. Specimen A: Very rich bright silvery-grey metallic crystalline masses intergrown with milky quartz, with odd small quartz crystals lining cavities.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen B: As specimen A,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p. Specimen C: As specimen A,  $1 \times 1$ ", £2.25p. Specimen D, as specimen A,  $1 \times \frac{3}{4}$ ", £1.25p each. Minor amounts of greyish SAFFLORITE are associated with the Bismuth in all the specimens.
11. BISMUTHINITE. George & Charlotte Mine, nr. Tavistock, Devon. Silvery-grey needly crystals and blades scattered in chlorite/quartz/pyrites veinstuff. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.25p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p.
12. BLOMSTRANDINE. Hitero, Vest-Agder, Norway. Very rich lustrous black heavy masses with conchoidal fracture. Minor amounts of Biotite mica in association. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p. Specimen C:  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £1.25p
13. BROCHANTITE. Blanshard Claims, Bingham, New Mexico, U.S.A. Light green silky needly crystals richly scattered over quartz matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
14. BUSTAMITE. Meldon, Dartmoor, Devon. Rich light brown radiated crystalline masses with minor bronze Pyrrhotite in association. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
15. CALCITE. Mendip Hills, Somerset. Specimen A: Lustrous transparent sharp complex crystals, some with a faint brownish tinge due to inclusions of iron oxide, to 5 mm in size thickly covering a greyish Pyrolusite matrix.  $4\frac{1}{2} \times 4\frac{1}{2} \times 2$ ", £6.50p. Specimen B: Bright clear complex crystals to 3 mm in size, with one very large crystal 1 cm in size, thickly scattered over creamy 'dog-tooth' Calcite crystals to 1" in size on calcite matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 3$ ", £4.75p
16. CALCITE. Burtree Pastures Mine, Weardale, Co. Durham. Select creamy-white sharp rhombic crystals to 1" in size dotted on Dolomite matrix with a transparent pale bluish Fluorite crystal  $\frac{3}{4}$ " in size.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00p.
17. CALCITE. Botallack Mine, St. Just, Cornwall. Lustrous creamy-white sharp platy hexagonal crystal rosettes to 1 cm in size attractively scattered and free-standing on milky quartz matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
18. CALCITE. Santa Domingo, Chihuahua, Mexico. Specimen A: Translucent creamy coloured sharp rhombic crystals with a brownish tinge due to inclusions of iron-oxide and up to  $\frac{3}{4}$ " in size, richly scattered over a large scalenohedral Calcite crystal.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen B: Select very lustrous sharp translucent creamy coloured crystals with an internal reddish tinge, to 2" in size aggregated in parallel growth with no matrix attached.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
19. CASSITERITE. Blue Hills Mine, St. Agnes, Cornwall. Choice bright blackish sharp twinned crystals to  $\frac{1}{4}$ " in size thickly intergrown and covering large areas of a cellular chlorite/quartz veinstuff.  $4\frac{1}{4} \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £28.00
20. CASSITERITE. Killifreth Mine, Chacewater, Cornwall. Lustrous brownish crude twinned crystals to nearly  $\frac{1}{2}$ " in size intergrown and scattered over cassiterite/quartz matrix.  $5 \times 2$ ", £8.00
21. CASSITERITE. Wheal Jewell, Marytavy, Devon. Very rich heavy lustrous brown mass with a little chlorite and quartz, and with odd small crystals lining cavities.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
22. Dolcoath Mine, Camborne, Cornwall. Very rich light brown crystalline mass, with a little hematite and quartz and with numerous elongated crystal sections in places.  $2 \times 2 \times 1\frac{1}{4}$ ", £2.50p
23. CAVANSITE. Owyhee Dam, Malheur Co., Oregon, U.S.A. Turquoise blue micro crystallised velvety crust covering calcite on matrix.  $\frac{1}{2} \times \frac{1}{2}$ ", £6.50p.
24. CELESTITE. Clay Centre, Ohio, U.S.A. Choice translucent pale blue terminated tabular crystals to 1" in length free-standing on a matrix of intergrown lustrous sharp rhombic creamy CALCITE crystals to  $\frac{1}{2}$ " in size.  $4 \times 2\frac{1}{2} \times 2$ ", £13.00
25. CERUSSITE. Dundas, Tasmania, Australia. Lustrous creamy-white reticulated tabular crystal sections to  $\frac{1}{2}$ " in size intergrown on limonite matrix.  $2 \times 1$ ", £3.25p
26. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Bright silvery-grey well formed crystals to  $\frac{1}{4}$ " in size scattered in a Calcite lined 1" cavity in chalcopyrite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p



27. CHALCOCITE. Sharpton Mine, Linkinhorne, Cornwall. Very rich metallic grey heavy mass with a little quartz in association.  $2 \times 2 \times 1\frac{1}{4}$ ". £7.65p
28. CHALCOCITE. Cooks Kitchen Mine, Camborne, Cornwall. Small sharp greyish crystals scattered over a fine bluish and iridescently tarnished botryoidal mass of Chalcopyrite of the form known as BLISTER COPPER by the old miners.  $3 \times 2 \times 1\frac{1}{4}$ ", £16.50p
29. COLEMANITE. Pacific Coast Mine, Boron, California, U.S.A. Silky creamy coloured sharp crystals to 8 mm in size scattered over light brown Calcite crystals.  $2\frac{1}{2} \times 1$ ", £1.25p
30. NATIVE COPPER. Wolverine Mine, Keweenaw Pen., Michigan, U.S.A. Pure bright metallic hackly mass with odd patches of slightly tarnished NATIVE SILVER in places.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
31. CORONADITE. Drygill Mine, Caldbeck, Cumberland. Rich silvery-grey metallic platy masses scattered on milky quartz. Specimen A:  $2\frac{1}{2} \times 2 \times 1$ ", £2.50p. Specimen B:  $1\frac{3}{4} \times 1\frac{1}{2}$ ", £1.25p
32. CUPRITE. Carn Brea Mine, Illogan, Cornwall. Bright red sparkling cellular mass of small sharp octahedral crystals with a little Native Copper in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00
33. CUPRITE. Wheal Unity, Gwennep, Cornwall. Specimen A: Deep red lustrous well formed octahedral crystals to 3 mm in size scattered on and lining small cavities in a crystalline mass of cuprite with a little quartz.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B: Select sparkling cellular masses of small sharp crystals associated with Native Copper. Each approx  $1 \times 1\frac{1}{2}$ ", £1.50p each.
34. CUPRITE. Broken Hill, N.S. Wales, Australia. Sharp malachite coated greenish cubic crystals to 4 mm in size richly scattered over a creamy Cerussite/Cuprite matrix, with odd reticulated crystals of Cerussite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
35. DANBURITE. Charcas, San Luis Potosi, Mexico. Choice creamy to transparent sharp well terminated tabular single crystals. Each approx 1" long, £1.25p each.
36. DIOPHASE. Altyn-Tube, Kirghese Steppes, Russia. Bright emerald green crystals and crystal sections to 1 cm in size scattered on and partially embedded in a creamy calcite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00
37. DOLomite. Traversella, Piedmont, Italy. Sharp creamy coloured rhombic crystals to  $\frac{1}{4}$ " in size thickly intergrown on small sparkling milky Quartz crystals covering matrix..  $2 \times 2 \times 1\frac{1}{4}$ ", £4.50p
38. DUFTITE. Tsumeb, Otavi, S.W. Africa. Rich olive-green sparkling crystalline crusts covering small Calcite crystals on dolomite matrix with a little Cerussite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £5.50p
39. DUFRENITE. Phoenix Mine, Linkinhorne, Cornwall. Deep greenish lustrous thick radiated crusts and botryoidal masses covering cellular limonite/quartz veinstuff.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p
40. ENARGITE. Leonard Mine, Butte, Montana, U.S.A. Specimen A: Choice bright metallic grey sharp terminated crystals to 1 cm in length scattered over pyrites matrix with numerous bright small sharp Pyrites crystals in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £14.00. Specimen B: Choice bright metallic grey terminated crystals to 1 cm in size richly covering matrix with a little crystallised Quartz and Pyrites in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00
41. EPIDOTE. Val d'Ala, Piedmont, Italy. Lustrous olive-green crystal sections to  $\frac{3}{8}$ "  $\frac{1}{4}$ " in length intergrown in cavities in massive Epidote.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p
42. FLUORITE. Naica, Chihuahua, Mexico. Fine light purple transparent stepped cubic crystals to  $\frac{1}{4}$ " in size thickly intergrown and covering matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
43. FLUORITE. Heights Mine, Weardale, Co. Durham. Select transparent bright green single sharp inter-penetrant twinned crystals, each approx 1x1" in size. £4.50p each.
44. FLUORITE. Altenburg, Saxony, Germany. Light purple translucent well formed cubic crystals with modified edges, to  $\frac{1}{4}$ " in size scattered over small Quartz crystals on quartzose matrix with a little crystalline Hematite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " £4.00

45. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Choice sharp bright silvery-grey OCTAHEDRAL crystals to  $\frac{1}{2}$ " in size thickly scattered over matrix with sharp creamy rhombic Dolomite crystals in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
46. GALENA. Clausthal, Harz, Germany. Silvery-grey well formed modified cubic crystals to 1 cm in size scattered over matrix and associated with numerous small creamy Dolomite crystals.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
47. HARMOTOME. Bellsgrove Mine, Strontian, Argyllshire, Scotland. Choice lustrous white sharp twinned crystals to over  $\frac{1}{2}$ " in size scattered on Calcite matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £5.50p
48. HEULANDITE. Botallack Mine, St. Just, Cornwall. Small sharp clear creamy crystals richly covering large areas of altered greenstone.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £3.25p
49. HYALITE OPAL. Mt. Arci, Sardinia. Select transparent glassy botryoidal mass covering rhyolite.  $2 \times 1\frac{1}{4} \times 1$ ", £2.50p
50. INESITE. Hale Creek Mine, near Ruth, Trinity Co., California, U.S.A. Very choice lustrous pink sharp terminated crystals to  $\frac{1}{4}$ " in size completely lining very large cavities in matrix. Very rich specimen of this mineral.  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £4.00
51. INESITE. Broken Hill, N.S. Wales, Australia. Lustrous light brown to pinkish radiated crystalline masses to nearly 1" in size embedded in matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.50p
52. JAMESONITE. Sombrerete, Zacatecas, Mexico. Select bright silvery-grey pure mass of interlocking bladed crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
53. JAROSITE. Capo Calamita, Isle of Elba, Italy. Bright sparkling spall sharp crystals richly lining cavities in limonitic matrix.  $2 \times 1\frac{1}{4} \times 1$ ", £6.50p
54. KYANITE. Capelinha, Minas Gerais, Brazil. Lustrous light bluish bladed crystal masses, each approx  $2 \times 1$ " in size, £0.80p each.
55. LISKEARDITE. Penberthy Croft Mine, St. Hilary, Cornwall. Snow-white thick crystalline crusts lining cavities in dellular sulphidic veinstuff. Specimen A, very rich in Liskeardite,  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
56. MALACHITE after Azurite. Burra Burra, Yorke Pen., S. Australia. Fine replacement of clusters of Azurite crystals to 1" in size by bright green Malachite, with a later encrustation of waxy green Chrysocolla and with odd small yellow tabular Wulfenite crystals in places. The replaced Azurite completely covers a brownish matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £13.00
57. MALACHITE. Burra Burra, Yorke Pen., S. Australia. Specimen A: Small sharp bright green crystals and crystal masses covering crudely formed and Malachite replaced Azurite crystals to nearly 1 cm in size on limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00. Specimen B: Thin tabular Azurite crystals completely replaced by Malachite, encrusting botryoidal Malachite covering limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.25p
58. MALACHITE. Kambove, Katanga, Zaire. Fine bright green velvety needly crystal sprays and tufts richly scattered all over a blackish psilomelane/limonite matrix. Very attractive specimen for display.  $6\frac{1}{2} \times 5 \times 2$ ", £38.00
59. MARCASITE. Shakespeare Cliff, Folkstone, Kent. Select bright brassy sharp twinned crystal groups with individual crystals to over  $\frac{1}{4}$ " in size. Each approx  $\frac{1}{2} \times \frac{1}{2}$ ", £1.25p each.
60. MILLERITE. Coedely Colliery, nr. Llantrisant, Glamorgan. Bright brassy needly divergent crystal spray  $\frac{1}{2}$ " in length lying flat on creamy-white lenticular siderite crystals on ironstone matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £9.00
61. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous transparent pale yellowish sharp elongated terminated crystals to 1 cm in length very richly covering a sulphidic matrix.  $4 \times 3$ ", £33.00
62. NICKEL-IRON METEORITE. Henbury Crater, N. Terr., Australia. Choice metallic silvery irregular mass with a pitted surface.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", weight 175 grammes. £44.00
63. OLIVE variety WOOD COPPER. Wheal Unity, Gwennap, Cornwall. Pale olive green pure associated fibrous crystalline mass with a silky surface.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £3.25p



64. ORPIMENT. Quiruvilca, Libertad Dept., Peru. Specimen A: Lustrous light orangey sharp terminated crystals to 1 cm in size intergrown on pyritic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £9.00. Specimen B: Orange coloured well formed terminated crystals to  $\frac{1}{4}"$  in size intergrown on a  $1 \times 2"$  area on pyritic matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £3.25p. Specimen C: Cluster of light orangey sharp terminated crystals, to 1 cm in size.  $1 \times 2\frac{1}{2} \times 2"$ , £1.50p.
65. ORPIMENT. Gatchell Mine, Humboldt Co., Nevada, U.S.A. Pure bright orangey-yellow crystalline mass with minor masses of reddish Realgar. Colourful specimen.  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}"$ , £4.50p
66. OSUMILITE. Mt. Arci, Sardinia. Small sharp pale orangey to grayish crystals scattered in cavities in rhyolite matrix with drusy Quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £2.75p
67. PIEMONITE. Jacobsberg, Nordmark, Sweden. Rich light reddish masses scattered in creamy dolomite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £2.50p
68. PLATTNERITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A: Small black sharp sparkling crystals scattered on limonitic gossan with a little whitish Hydrozincite and platy translucent crystals of Calcite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £4.50p. Specimen B: Small sparkling black crystals scattered over limonitic gossan.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £2.50p. Specimen C: As specimen A,  $1 \times 1"$ , £1.50p
69. POLIANITE. Westdown Mine, Brendon Hills, Somerset. Bright steely-grey small sharp crystals richly scattered in and lining cavities in psilomelane rich matrix. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £3.25p. Specimen B:  $2 \times 1\frac{1}{2} \times 1"$ , £2.50p
70. PREHNITE. Boylestone Qry., Barrihead, Renfrew, Scotland. Lustrous lime-green botryoidal crystal masses thickly lining a  $1\frac{1}{2} \times 1\frac{1}{2}"$  cavity in a  $1\frac{1}{2}"$  wide vein of crystalline Prehnite cutting basalt matrix.  $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}"$ , £4.75p
71. PYRITES. Quiruvilca, Libertad Dept., Peru. Specimen A: Very fine bright brassy large sharp modified pyritohedral crystals to  $1\frac{1}{2}"$  in size thickly intergrown on a plate of massive pyrites. Very choice specimen for display.  $6\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}"$ , £85.00. Specimen B: Very bright brassy sharp striated cubic crystals to  $\frac{1}{2}"$  in size intergrown and covering a massive pyrites matrix with a  $2 \times 1\frac{1}{2}"$  area of metallic grey unusually etched GALENA crystals, together with a little Sphalerite. Fine display specimen.  $4\frac{1}{2} \times 3 \times 2\frac{1}{2}"$ , £28.00
72. PYRITES. Kilembe Mine, Uganda. A very large bright brassy well formed OCTAHEDRAL crystal showing good faces, and with two smaller crystals attached, together with a little dark bronzey massive Pyrrhotite. Crystal faces on the larger crystal are  $2"$  in size, overall size of specimen  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}"$ , £5.00
73. PYROMORPHITE. South Mine, Broken Hill, N.S. Wales, Australia. Specimen A: Lustrous lime-green small feathery crystals thickly covering a brown limonitic matrix; very attractive sample.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £8.00. Specimen B: Lustrous light brown well formed elongated crystals to 5 mm in length forming a rich cellular mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £3.25p
74. PYRRHOTITE. Trepca, Yugoslavia. A tarnished brownish composite barrel-like hexagonal crystal  $\frac{1}{2}"$  in size implanted on matrix with small milky Quartz crystals and a little crystallised iron-pyrites.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £3.50p
75. PYRRHOTITE. Meldon, Dartmoor, Devon. Pure bright bronzey metallic mass with odd patches of blackish Sphalerite.  $2 \times 1\frac{1}{2} \times 1"$ , £1.50p
76. QUARTZ. Wheal Jane, Kea, Cornwall. Specimen A: Sharp clear bright elongated terminated crystals with a slight greenish tinge due to inclusions of chlorite, to  $\frac{3}{4}"$  in length and completely covering and free-standing on a quartz matrix with odd bright brassy crystals of Chalcocopyrite to  $\frac{1}{4}"$  in size scattered amongst the crystals of quartz.  $4\frac{1}{2} \times 4 \times 1\frac{1}{2}"$ , £11.00. Specimen B: Sharp elongated terminated clear crystals with a slight milky tinge, to over  $\frac{3}{4}"$  in length and completely covering quartz matrix with odd small bright brassy cubic crystals of Pyrites.  $3 \times 3 \times 1\frac{1}{2}"$ , £6.50p. Specimen C: Lustrous milky elongated terminated crystals to 1" in length free-standing on quartz matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £3.50p. All the above specimens are ideal for display purposes.
77. QUARTZ. Wheal Cock, St. Just, Cornwall. Clear bright pyramidal crystals to  $\frac{3}{4}"$  in size intergrown on irony matrix with inclusions of brownish rod-like GOETHITE crystals inside the quartz crystals.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £4.50p

78. QUARTZ. Botallack Mine, St. Just, Cornwall. Corroded pyramidal crystals to 1" in size covering quartz matrix and with an attractive iridescent crust of micro crystallised Chalcopyrite and a little crystallised Calcite covering the Quartz crystals.  $4 \times 3 \times 1\frac{1}{2}$ ", £2.50p
79. QUARTZ. Hodbarrow Mine, Millom, Cumberland. Bright clear sharp pyramidal crystals, some being doubly terminated, to 8 mm in size, lining a  $2\frac{1}{2} \times 2$ " cavity in botryoidal reddish-brown banded HEMATITE.  $3\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £4.75p
80. RHODOOLITE GARNET. Macon Co., N. Carolina, U.S.A. Light raspberry red crystals and crystal sections to  $\frac{1}{2}$ " in size thickly embedded in Phlogopite mica matrix.  $5\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2}$ ", £14.00
81. SCHOLZITE. Reaphook Hill, Flinders Range, S. Australia. Silky white radiated crystal sprays to 1 cm in length spanning a 1" cavity in limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
82. SCORODITE. Cligge Mine, Perranzabuloe, Cornwall. Micro crystallised pale greenish crusts covering a heavy black bladed mass of WOLFRAMITE.  $2\frac{1}{2} \times 2 \times 1$ ", £3.25p
83. SIDERITE. Neudorf, Harz, Germany. Select lustrous light brown curved rhombic crystals and crystal 'balls' to  $\frac{1}{2}$ " in size scattered over matrix with odd clear sparkling Quartz crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p
84. SIDERITE. Wheel Jane, Kêa, Cornwall. Specimen A: Light creamy brown needly crystals richly scattered over a group of large clear to milky elongated terminated QUARTZ crystals to  $1\frac{1}{2}$ " in length.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00. Specimen B: Light brown lustrous elongated rod-like crystals to 4 mm in length richly scattered over quartz matrix with odd Quartz crystals and a little Sphalerite.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.75p
85. NATIVE SILVER. Comstock lode, Virginia City, Nevada, U.S.A. Very rich slightly tarnished mass of curled wires with a little crystalline greyish SWEFPHANITE.  $1 \times 1$ ", £14.00
86. NATIVE SILVER. Cobalt, Ontario, Canada. Rich silvery-grey rounded heavy mass with greyish Smaltite and thin crusts of pinkish Erythrite in association.  $1\frac{1}{2} \times 1$ ", £4.50p
87. SMITHSONITE. Broken Hill, nr. Kabwe, Zambia, Specimen A: Choice large translucent creamy crystals of rhombic habit, to nearly  $\frac{2}{3}$ " in size thickly intergrown in clusters and covering a cellular matrix. Very fine specimen.  $5 \times 4 \times 2\frac{1}{2}$ ", £33.00. Specimen B: Unusual elongated tapering rod-like crystals to  $\frac{1}{2}$ " in length thickly lining a large cavity and covering the surface of cellular limonitic matrix.  $5 \times 4 \times 3$ ", £23.00. Specimen C: Cellular intergrown mass of lustrous light brownish clear sharp rhombic crystals to 4 mm in size.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £7.00. Specimen D: As specimen C,  $1\frac{1}{2} \times 1$ ", £2.25p
88. STRONTIANITE. Clausthal, Harz, Germany. Creamy coloured tapering crystal sprays to  $\frac{1}{2}$ " in length richly covering creamy barytes matrix.  $2\frac{1}{2} \times 2$ ", £3.50p
89. TETRAHEDRITE. Rancagua, Chile. Very rich bright silvery-grey metallic mass with a little quartz and pyrites in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.50p
90. THOMSONITE. Ballyclare, Co. Antrim, N. Ireland. Silky white radiated crystal masses lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " area on basalt matrix with odd needly crystals of Scolecite.  $2\frac{1}{2} \times 2$ ", £2.75p
91. TOURMALINE. Alto Ligonha, Mozambique. Select lustrous olive-green feathery terminated composite crystal.  $4\frac{1}{2}$ " long by  $3 \times 2$ " across the axis. £23.00
92. TOURMALINE variety SCHORL. Colerrow Qry., Luxulyan, Cornwall. Bright black elongated crystals and crystal sections to  $\frac{1}{2}$ " in length associated with slightly smoky Quartz crystals and a little crystallised Albite on pegmatite matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p
93. TURQUOISE. Sleeping Beauty Pit, Arizona, U.S.A. Turquoise blue solid veinlet 4 mm thick cutting a reddish-brown matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £2.25p
94. TYROLITE. Falkenstein, Tyrol, Austria. Light green feathery crystals and masses on quartzose matrix. Specimen A:  $2 \times 1\frac{1}{2}$ ", £3.25p. Specimen B:  $1\frac{1}{2} \times 1$ ", £2.25p
95. WOLFRAMITE. Kapnik, Rumania. Unusual bright black wavy shaped crystals to  $\frac{1}{2}$ " in size scattered on creamy crystallised dolomite on sulphidic matrix.  $2\frac{1}{2} \times 2 \times 1$ ", £9.00
96. ZOISITE var. THULITE. Lom, Norway. Pure pinkish mass.  $2\frac{1}{2} \times 1 \times 1$ ", £1.50p



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(STD 0822)

V.A.T.No.: 132-7852-67

#### ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special request and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

#### MARCH 1978

1. ACTINOLITE. Zillertal, Tyrol, Austria. Rich lustrous olive-green divergent bladed crystalline mass with minor schist.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p
2. AEGIRINE. Hedrum, Vestfold, Norway. Rich lustrous blackish bladed crystals embedded in creamy feldspar matrix with minor pinkish Catapleite. Specimen A: with crystals to over 1" in length,  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B: with crystals to  $\frac{1}{2}$ " in length,  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p.
3. ALMANDINE GARNET. Roxbury, Connecticut, U.S.A. Select raspberry-red lustrous sharp crystals to 1" in size, one showing good twinning, embedded in chlorite schist. Attractive sample for display.  $5 \times 4 \times 2\frac{1}{2}$ ", £16.50p.
4. ANAFCIME, Dean Qry., Lizard, Cornwall. Lustrous snow-white sharp crystals and crystal sections to  $\frac{3}{4}$ " in diameter encrusting gabbro matrix with a little light greenish crystallised Prehnite in association.  $4\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ", £9.00
5. ANDRADITE GARNET. San Benito Co., California, U.S.A. Choice bright 'gemmy' golden sharp crystals to 3 mm in size dotted on serpentine matrix. This variety of Andradite is known as TOPAZOLITE. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p. Specimen B: not so rich as specimen A,  $2\frac{1}{2} \times 1$ ", £3.25p.
6. APATITE variety FRANDOLITE. Wheal Pendarves, Camborne, Cornwall. Rich sparkling crystals of micro crystals covering altered granite. Specimen A:  $3 \times 2$ ", £3.25p. Specimen B:  $2 \times 1\frac{1}{4}$ ", £2.50p
7. ARSENOPIRYTE. Hingston Down, near Callington, Cornwall. Specimen A: Bright silvery sharp crystals to 4 mm in size covering tourmaline/arsenopyrite matrix with odd small quartz crystals and creamy hexagonal APATITE crystals and crystal sections to  $\frac{1}{4}$ " in size in association.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p. Specimen B: Bright silvery sharp crystals to 1 cm in size scattered on matrix with needly greyish crystals of Tourmaline and a little quartz.  $3\frac{1}{2} \times 2$ ", £4.50p
8. ARTINITE. San Benito Co., California, U.S.A. Specimen A: Choice snow-white radiated masses of needly crystals richly scattered over serpentine matrix.  $3 \times 2\frac{1}{2} \times 2$ ", £6.50p. Specimen B: As specimen A,  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.25p. Specimen C: As specimen A,  $2 \times 1\frac{1}{2}$ ", £2.50p. All are very attractive specimens from a new occurrence in California.
9. ATACAMITE. Mina la Fabela, Copiapo, Chile. Specimen A: Very choice bright green tabular crystals aggregated in radial sprays and thickly covering matrix.  $2\frac{1}{2} \times 2$ ", £18.00. Specimen B: Attractive bright green radiated groups of tabular crystals scattered on greenish Chrysocolla on matrix.  $3 \times 2$ ", £11.00. Specimen C: Bright green tabular and needly crystals thickly covering matrix, with greenish-blue chrysocolla on the reverse.  $2\frac{1}{2} \times 2$ ", £6.50p. Specimen D: Bright green divergent crystal sprays on bluish-green chrysocolla on matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p.

10. AXINITE. Botallack, St. Just, Cornwall. Lustrous clove-brown sharp crystals to  $\frac{1}{2}$ " in size lining a 1x1" cavity in crystalline axinite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
11. AZURITE. Henderson Mine, Bisbee, Arizona, U.S.A. Choice bright blue ball-like crystalline masses attractively encrusting and dotted over quartzose matrix with a little light green Malachite in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £16.50p
12. BARYTES. Dalmellington Mine, Frizington, Cumberland. Fine lustrous transparent pale golden coloured long tapering tabular crystals to  $2\frac{1}{2}$ " in length richly scattered over and lying flat on hematite/dolomite matrix. The reverse side is completely encrusted with small very bright clear Barytes crystals to  $\frac{1}{2}$ " in size. An old A.E. Foote (dealer of Philadelphia, U.S.A.) label is attached to the specimen. Choice sample for display.  $6 \times 5\frac{1}{2} \times 2\frac{1}{4}$ ", £110.00
13. BARYTES. Pribram, Bohemia, C.S.S.R. Lustrous creamy cox-comb crystal masses to  $\frac{1}{2}$ " in size scattered on matrix with odd light yellow cubic crystals of FLUORITE to 1 cm in size in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
14. BENITOITE. San Benito Co., California, U.S.A. Choice light blue sharp crystals to over 1 cm in size richly scattered on matrix with a little whitish Netroilite. Very fine example of this mineral; there is also a little micro crystallised pale brown JOAQUINITE on the matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £33.00
15. NATIVE BISMUTH. Botallack Mine, St. Just, Cornwall. Bright metallic silvery masses scattered in brownish jasper.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
16. SIXBYITE. Thomas Mts., Utah, U.S.A. Select lustrous black sharp cubic crystal 5x5 mm in size implanted on matrix. 25x15 mm. £6.50p
17. BOTALLACKITE. Levant Mine, Pendeen, Cornwall. Specimen A: Small bright green crystals scattered in a  $1\frac{1}{2} \times \frac{1}{2}$ " cavity in milky quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £6.50p. Specimen B: Small light green lath-like crystals to 2 mm in size scattered on both sides of altered slate matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p. Specimen C: Minute light green crystals scattered on hematite/quartz matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.25p
18. BOURNOVITE. Herodsfoot Mine, Lanreath, Cornwall. Specimen A: Select silvery-grey intergrown group of twinned cog-wheel crystals, the largest being nearly 1" in diameter. Minor small milky crystals of Quartz in association.  $1\frac{1}{4} \times 1 \times 1$ ", £13.00. Specimen B: Silvery-grey twinned cog-wheel crystals to 1 cm in size intergrown and scattered on cellular quartz.  $1 \times 1$ ", £8.00
19. CALCITE. Cerrook Mine, Caldbeck Fells, Cumberland. Choice lustrous creamy hexagonal crystals with flat terminations, to  $\frac{1}{2}$ " in size completely covering and free-standing on matrix. Specimen A:  $4\frac{1}{2} \times 3$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
20. CALCITE. Tsumeb, Otavi, S.W. Africa. Choice transparent sharp rhombic crystals to over  $\frac{1}{2}$ " in size intergrown on matrix. Attractive specimen for display.  $3 \times 3 \times 2$ ", £8.00
21. CASSITERITE. Bunny Mine, nr. St. Austell, Cornwall. Lustrous black twinned crystals and crystal sections to  $\frac{1}{4}$ " in size richly scattered on and embedded in quartz/tourmaline/gilbertite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £6.50p
22. CASSITERITE. Great Work Mine, Breage, Cornwall. Fine bright brownish-black sharp twinned crystals to 5 mm in size very richly scattered in numerous cavities on both sides of cellular chlorite matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £9.00
23. CASSITERITE. Wheel Ureah, Breage, Cornwall. Lustrous blackish elongated 'sparable' crystals to 4 mm in length thickly covering matrix. A handwritten label by Sir Arthur Russell accompanies the specimen.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00
24. CASSITERITE variety WOOD TIN. Gaverigan, Goss Moor, Cornwall. A quantity of rounded light brown to reddish alluvial pebbles, all showing radiated and fibrous structure characteristic of wood-tin. Approx 20 small pebbles from  $\frac{1}{4}$ - $\frac{1}{2}$ ". £4.50p lot.
25. CELESTITE. Madagascar. Choice transparent light blue sharp terminated crystals to  $\frac{1}{2}$ " in size free-standing on and encrusting crystalline celestite matrix.  $3 \times 3 \times 2\frac{1}{4}$ ", £8.00
26. CERULEITE. Wheel Gorland, St. Day, Cornwall. Rich light blue crystalline crusts covering quartzose gossan. Specimen A; with a little crystallised Olivenite in association,  $2 \times 2$ ", £6.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
27. CERUSSITE. Rum Jungle, N. Terr., Australia. Specimen A: Fine creamy coloured well formed reticulated crystal mass with much light green velvety botryoidal MALACHITE in association.  $2 \times 2 \times 1\frac{1}{2}$ ", £16.50p. Specimen B: As specimen A,  $1\frac{1}{2} \times 1$ ", £3.50p



31. WHITE. Wheal Damsel, Gwennep, Cornwall. Rich cellular mass of minute sparkling crystals with a little quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £4.50p
32. CUPRITE. Copper Queen Mine, Bisbee, Arizona, U.S.A. Very rich heavy deep red mass with an alteration rind of malachite, and areas of silky fibrous Malachite and small rosettes of crystallised Azurite on the reverse side.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £4.75p
30. DANALITE. Vxsjoberg, Mermland, Sweden. Rich reddish-brown masses in skarn with a little pyrrhotite and fluorite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £3.25p
31. DANBURITE. Russell, New York, U.S.A. Large tan coloured well formed and terminated crystal 1" in size implanted on massive danburite with smaller crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £7.00
32. DESCLOISITE. Berg Aukas, Otavi, S.W. Africa. Specimen A: Unusual deep brown wedge-shaped crystals to 1 cm in size thickly intergrown all over cellular matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £12.00  
Specimen B: Lustrous deep brown sharp crystals to 1 cm in size thickly intergrown on matrix.  $2 \times 1\frac{1}{2}"$ , £6.50p. Specimen C: Group of sharp lustrous deep brown crystals to over 1 cm in size intergrown on matrix.  $1 \times 1"$ , £3.25p
33. DICKENSONITE. Foote Mine, King Mt., N. Carolina, U.S.A. Lustrous creamy-white small sharp crystals intergrown in cavities in feldspar.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £4.50p
34. DIOPTASE. Tsumeb, Otavi, S.W. Africa. Specimen A: Bright emerald green sharp crystals to nearly 1 cm in size intergrown on matrix with a little crystallised Cerussite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £16.50p. Specimen B: Sharp bright emerald green crystals to 4 mm in size intergrown and scattered on creamy calcite with a little light green Duftite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £6.50p
35. DOLOMITE. Eugói, Pamplona, Spain. Very choice sharp transparent to translucent large rhombic crystals to  $1\frac{1}{2}"$  in size intergrown all over matrix. Fine specimen for display, samples from this location are now scarce.  $4 \times 4 \times 3\frac{1}{2}"$ , £68.00
36. DOLOMITE. Thorold, Ontario, Canada. Lustrous pale pinkish sharp saddle-shaped crystals thickly lining a  $2\frac{1}{2} \times 2"$  cavity in limestone matrix with odd small *Brevoitite* and *Chalcocopyrite* crystals scattered in places.  $3\frac{1}{2} \times 3 \times 2"$ , £7.00
37. ENARGITE. Quiruvilca, Libertad Dept., Peru. Sharp bright silvery-grey tabular crystals to 1 cm in length, intergrown on matrix with small sharp bright golden pyritohedral Pyrites crystals.  $2 \times 1\frac{1}{2}"$ , £14.00
38. FLUORITE. Ladywash Mine, Eyam, Derbyshire. Specimen A: Light yellow transparent sharp cubic crystals to  $\frac{3}{4}"$  in size forming an intergrown group with a little bright brassy Pyrites encrusting the crystals in places.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £11.00. Specimen B: Lustrous light golden-yellow transparent sharp cubic crystals to 1 cm in size thickly intergrown on matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £7.00. Specimen C: As specimen B -  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £4.75p
39. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Intergrown group of large transparent to translucent sharp cubic crystals of an unusual sea-green to purple colour, and with a later partial encrustation of creamy crystallised Calcite. Crystals range up to  $1\frac{1}{2}"$  in size.  $5 \times 4 \times 2\frac{1}{2}"$ , £16.50p
40. FLUORITE. Naica, Chihuahua, Mexico. Select transparent octahedral crystals made up of complex crystals in parallel position, to  $\frac{1}{2}"$  in size, implanted on matrix with well crystallised Sphalerite, Calcite and Galena.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £8.00
41. GALENA. Baxter Springs, Cherokee Co., Kansas, U.S.A. Choice bright silvery-grey large composite cubic crystal with interesting deep etch patterns on it's faces. A little brown sphalerite and chert attached at the base.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2"$ , £16.50p
42. GMELINITE. Island Magee, Co. Antrim, N. Ireland. Sharp lustrous creamy-white crystals richly lining cavities in vesicular basalt.  $3 \times 2 \times 1\frac{1}{2}"$ , £3.25p
43. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Rich deep brown radiated fibrous mass of the 'wood iron' variety, with part of the surface showing areas of small sharp shining crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1"$ , £4.50p
44. GROSSULARITE variety HESSONITE. Val d'Ala, Piedmont, Italy. Sharp lustrous bright orange sharp crystals to 5 mm in size encrusting matrix with well crystallised creamy APATITE and a little Clinocllore.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £8.00
45. HEMATITE variety KIDNEY ORE. Florence Mine, Egremont, Cumberland. Choice lustrous dark reddish-brown botryoidal mass of good shape for display and free from bruises.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}"$ , £13.00

- 46. HEMIMORPHITE. Royal Mine, Matlock Bath, Derbyshire. Sharp lustrous transparent crystals richly encrusting and scattered over cellular matrix.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £2.25
- 47. HORNBLENDE. Arendal, Aust-Agder District, Norway. Sharp lustrous blackish crystals to 15 mm in length partially embedded in crystalline hornblende/calcite matrix.  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ " £4.50p
- 48. HUEGNERITE, Paste Buena, Peru. Specimen A: Lustrous reddish-brown divergent sprays of elongated terminated crystals embedded in milky quartz, with the crystals protruding from one end with lustrous Quartz crystals.  $3 \times 2 \times 1 \frac{1}{2}$ ", £23.00. Specimen B: Select lustrous reddish-brown single tabular crystals showing parallel growth, some with a little crystallised quartz attached. Each approx  $1 \frac{1}{2}$ " long by  $\frac{1}{2}$ " wide, £4.50p each.
- 49. HUTCHINSONITE. Quiruvilca, Libertad District, Peru. Specimen A: Lustrous deep red sharp elongated crystals to 4 mm in length scattered amongst bright orange transparent to translucent sharp ORPIMENT crystals to 1 cm in size richly covering pyrite/energite matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £28.00. Specimen B: Sharp deep red elongated crystals to 3 mm in length scattered over matrix with a little well crystallised orangey orpiment.  $1 \frac{1}{2} \times 1$ ", £14.00
- 50. ILVAITE. Rio Marina, Elba, Italy. Select lustrous black sharp terminated elongated crystals to  $\frac{1}{2}$ " in length scattered over amphibole matrix with a little quartz. Fine old specimen.  $3 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ", £33.00
- 51. JACOBSITE. Langban, Wermland, Sweden. Bright black crystalline masses richly scattered in dolomite with thin reddish crusts of Litharge.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £4.50p
- 52. LEGRANDITE. Mina Ojuela, Mapimi, Durango, Mexico. Lustrous bright yellow sharp crystals to  $\frac{1}{4}$ " in length scattered over cellular limonitic matrix with odd crystal masses of creamy smithsonite.  $2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £13.00
- 53. LINARITE. Blanchard Claim, Bingham, New Mexico, U.S.A. Specimen A: Bright blue sprays of crystals scattered on and encrusting galena with creamy crystallised Anglesite, on quartz/barytes veinstuff.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £11.00. Specimen B: Bright blue radiating sprays of crystals lying on quartz.  $1 \frac{1}{2} \times 1$ ", £5.50p. Specimen C: Bright blue radiating crystal masses covering a  $1 \frac{1}{2} \times 1$ " area on quartz veinstuff.  $1 \times 1$ ", £3.25p
- 54. MALACHITE. Shaba Province, Zaire. Choice cut and polished slice of well banded light and dark green malachite; attractive specimen for display.  $4 \frac{1}{2} \times 3 \frac{1}{2}$ ", £14.00
- 55. MALACHITE. Bisbee, Cochise Co., Arizona, U.S.A. Small sharp deep green crystals forming a cellular mass with a little cuprite and limonite.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ", £6.50p
- 56. MARCASITE. Treece, Kansas, U.S.A. Bright brassy sharp spear-like crystals to 1 cm in size thickly intergrown all over matrix.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £6.50p
- 57. MIMETITE. Mexico Mine, Caldbeck Fells, Cumberland. Specimen A: Bright orangey curved barrel-shaped crystals to 5 mm in size richly encrusting quartz.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £6.50p. Specimen B: Lustrous greenish barrel-shaped crystals to 4 mm in size intergrown on a  $\frac{1}{2}$ " area of quartzose matrix.  $2 \times 1 \times 1$ ", £3.25p
- 58. NICCOLITE. Dou Azzer, south of Quarzazate, Anti-Atlas, Morocco. Very rich solid bronze metallic mass with a little calcite and external alteration crusts of light green Annabergite.  $3 \times 2 \frac{1}{2} \times 2$ ", £16.50p
- 59. PERICLINE. St. Gotthard, Ticino, Switzerland. Lustrous creamy sharp terminated crystals to 1 cm in size richly encrusting schistose matrix with well formed Quartz crystals with chlorite inclusions on one end.  $3 \frac{1}{2} \times 3 \times 1 \frac{1}{2}$ ", £7.00
- 60. PHARMACOSIDERITE. Wheel Gorland, St. Day, Cornwall. Small light green sharp cubic crystals encrusting areas of cellular quartz gossan.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £5.50p
- 61. PLANCHEITE. Mufulira Mine, Zambia. Rich light blue fibrous radiated crystalline mass with a little malachite.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £7.00
- 62. PLATTNERITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A: Small black needly crystals richly scattered on calcite covering limonitic gossan.  $2 \times 1 \frac{1}{2} \times 1$ ", £4.50p. Specimen B: Small black needly crystals scattered on cellular limonitic gossan.  $2 \times 1 \frac{1}{2} \times 1$ ", £2.50p. Specimen C: Small bright black needly crystals scattered on limonitic gossan with a little Calcite.  $1 \times 1$ ", £1.50p
- 63. PREHNITE. Bourg d'Oisere Isere, France. Choice transparent to translucent sharp colourless to very pale green crystals to  $\frac{1}{2}$ " in size thickly encrusting matrix, with the reverse side showing sharp prehnite crystals coated with Chlorite. Classic old specimen.  $4 \frac{1}{2} \times 3 \frac{1}{2} \times 1 \frac{1}{2}$ ", £54.00



MALACHITE. Old Gunnislake Mine, Gunnislake, Cornwall. Rich deep green masses infiltrating brecciated quartz veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p

65. PYRITES - Octahedral crystals. Quiruvilca, Libertad Dept., Peru. Fine bright brassy sharp octahedral crystals to nearly  $\frac{1}{4}$ " in size thickly intergrown on matrix. Very well formed specimen showing unusually sharp crystals.  $2\frac{1}{2} \times 2 \times 1$ ", £23.00
66. PYRITES. Lavant Tal, Carinthia, Austria. Sharp bright brassy cubic crystals to 1 cm in size partially embedded and scattered in mica-schist.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
67. PYROCHLORE. Sandefjord, Vestfold, Norway. Well formed light brown crystals to 3 mm in size embedded in orthoclase with albite and negrine.  $2 \times 1\frac{1}{2}$ ", £1.75p
68. PYROMORPHITE. Braubach, Bms-Nassau, Germany. Cellular mass of light brown lustrous interlocking elongated hexagonal crystals to  $\frac{1}{4}$ " in size.  $2 \times 1\frac{1}{2} \times 1$ ", £6.50p
69. QUARTZ.. Mt. Wellington Mine, Twelveheads, Cornwall. Slightly milky translucent elongated crystals to over  $\frac{1}{2}$ " in length thickly covering matrix with numerous bright brassy striated cubic PYRITES crystals to  $\frac{1}{4}$ " in size scattered over and amongst the quartz crystals.  $4\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00
70. QUARTZ. Llambriggan Mine, Ferranzabulo, Cornwall. A large single elongated well terminated milky crystal with a later deposit of minute sparkling quartz crystals on two sides, and with a little sphalerite around the base. 3" long by  $1\frac{1}{2} \times 1$ " across the axis. £4.50p
71. QUARTZ. variety Smokey Amethyst. Sonora, Mexico. A mostly transparent light amethystine and smokey coloured well terminated crystal, with a partial termination on the other end.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
72. FLUOR-RICHTERITE. Wilberforce, Ontario, Canada. Lustrous well formed olive to brown coloured tabular crystal sections to 1" in size intergrown with calcite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
73. RUTILE. Creag-r-r-Gaillich, Killin, Perthshire, Scotland. Lustrous reddish-brown bladed masses in milky quartz.  $2 \times 1\frac{1}{2} \times 1$ ", £2.75p
74. RUTILE. White Mountain Mine, Mono Co., California, U.S.A. Specimen A: Choice lustrous reddish-brown sharp twinned crystals to  $\frac{1}{4}$ " in size partially embedded in pyrophyllite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00. Specimen B: Choice lustrous reddish-brown twinned crystal 1 cm in size partially embedded in Pyrophyllite, with numerous smaller crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £11.00. Specimen C: Select lustrous reddish-brown twinned single crystal, with most faces being complete.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ", £7.00
75. SCHEELITE. Zinnwald, Bohemia, C.S.S.R. Sharp lustrous light brown octahedral crystals to 5 mm in size scattered on dark slightly smokey quartz crystals with a little wolframite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £11.00
76. SCORODITE. Hemerdon Ball Wolfram Mine, Plympton, Devon. Fine bright pale blue to olive-green sharp crystals to 3 mm in size richly lining cavities in quartz with a little lustrous brown Cassiterite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
77. SCORODITE. Wheal Pendarves, Camborne, Cornwall. Lustrous sparkling light olive-green crystals aggregated in clusters and lining a  $\frac{3}{4} \times \frac{1}{2}$ " cavity in arsenopyrite/tourmaline veinstuff, with crusts of scorodite lining other cavities.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
78. SELENITE. Red River, Winnipeg, Canada. A ball-like cluster of sharp translucent pale brown lustrous bladed crystals to  $1\frac{1}{2}$ " in size.  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £6.50p
79. SERPIERITE. Serpieri Shaft, Laurion, Greece. Specimen A: Minute sky-blue crystals lining joints and small cavities in limonitic matrix with a little Azurite and green Cupro-adamite.  $2 \times 1\frac{1}{2}$ ", £4.50p. Specimen B: Minute sky-blue crystals lining small cavities in limonitic matrix, some pieces with Malachite, Azurite or Cuproadamite in association. Samples approx  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.25p each.
80. SIDERITE. Wheal Jane, Kea, Cornwall. Lustrous light brown scalenohedral crystals to  $\frac{1}{4}$ " in size lining cavities with quartz crystals in quartz/pyrites veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
81. NATIVE SILVER. Sunshine Mine, Kellogg, Idaho, U.S.A. Bright silvery crystal fronds and small wires filling a 2" tube. £6.50p
82. SMALTITE. Wheal Herland, Gwinear, Cornwall. Very rich silvery-grey metallic mass with a little quartz and a small amount of Native Silver in an iron-stained  $\frac{1}{2}$ " cavity on the surface of the sample.  $3 \times 2 \times 1\frac{1}{2}$ ", £13.00

83. SPHALERITE. Hydraulic Shaft, Smallcleugh Mine, Nenthead, Cumberland. Very choice bright black sharp crystals to 1 cm in size richly encrusting altered limestone matrix. Very attractive specimen for display.  $7 \times 3\frac{1}{2} \times 2\frac{1}{2}$ " , £23.00
84. SPHALERITE. Aliva, Picos de Europa, near Santander, Spain. Lustrous gemmy transparent sherry coloured crystals to  $1\frac{1}{4}$ " in size intergrown on massive translucent orangey sphalerite. Specimens of this quality and transparency are now rare.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ " , £54.00
85. STANNITE. Bunny Mine, near St. Austell, Cornwall. Metallic greyish masses on and in greisen with a little turquoise and muscovite mica.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ " , £4.50p
86. STILBITE. Poona, near Bombay, India. Choice lustrous creamy sheaves of crystals to  $2\frac{1}{2}$ " in size forming an intergrown group with odd small creamy Heulandite crystals. Very showy specimen for display.  $3\frac{1}{2} \times 2\frac{1}{4} \times 2\frac{1}{4}$ " , £14.00
87. TARBUTITE. Broken Hill, nr. Kabwe, Zambia. Specimen A: Small sharp sparkling crystals thickly encrusting both sides of cellular matrix with the upper surface partially encrusted with clear sharp HOPEITE crystals to 3 mm in size and whitish crusts of Hydrozincite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ " , £14.00. Specimen B: Small sharp sparkling crystals richly covering a banded botryoidal mass of Smithsonite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ " , £4.75p
88. TETRADYMITE. Carrock Mine, Carrock Fell, Cumberland. Bright silvery-grey metallic masses sparsely scattered in milky quartz.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p. Specimen B: As specimen A,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ " , £2.75p
89. TORBERNITE. Mine Bois-Noir, St. Priest-la-Prugne, Loire, France. Bright emerald green sharp tabular crystals to  $\frac{1}{4}$ " in size intergrown on areas of iron-stained altered granite.  $2 \times 1\frac{1}{2} \times 1$ " , £14.00
90. TOURMALINE variety SCHORL. Tongafeno, Madagascar. Sharp bright black crystals to nearly 1" in size intergrown on reddish granite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ " , £3.50p
91. VANADINITE. Mibladen, Atlas Mts., Morocco. Bright red sharp hexagonal crystals to  $\frac{1}{4}$ " in size richly scattered over three sides of a light coloured matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ " , £14.00
92. VIVIANITE. Wannon Falls, Victoria, Australia. A large deep bluish-black to greenish cleaved crystal.  $4\frac{1}{2} \times 2 \times 1$ " , £12.00
93. WILLEMITE. Tsumeb, Otavi, S.W. Africa. Choice sharp transparent pale green to colourless crystals mostly around 2-3 mm in size completely covering a cellular matrix. Very rich specimen.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ " , £28.00
94. WILLEMITE. Franklin, New Jersey, U.S.A. Rich light brownish crystalline masses associated with creamy Calcite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £7.00
95. WITHERITE. Settlingstones Mine, near Hexham, Northumberland. Lustrous creamy well formed composite crystals forming ball-like aggregates to 1" in size on massive witherite.  $4 \times 2\frac{1}{2} \times 2$ " , £11.00
96. WITHERITE. Nentsberry Mine, Alston Moor, Cumberland. A group of well formed pseudo-hexagonal crystals with a thin white barytes coating. Crystal faces to  $\frac{1}{2}$ ".  $1\frac{1}{4} \times 1 \times \frac{3}{4}$ " , £1.50p
97. WOHLERITE. Risøya, Lagesundsfjorden, Norway. Rich light brown masses associated with nepheline syenite and odd black plates of Lepidomelane. Specimen A:  $2\frac{1}{2} \times 2 \times 1$ " , £2.50p. Specimen B:  $1\frac{1}{4} \times 1 \times 1$ " , £1.25p
98. WOLFRAMITE. Hingston Down, near Gunnislake, Cornwall. Bright black blades in arsenopyrite/quartz veinstuff.  $3 \times 2$ " , £2.75p
99. WULFENITE. Los Lamentos, Chihuahua, Mexico. Bright orangey blocky tabular crystals to  $\frac{1}{4}$ " in size scattered on calcite matrix, and with a later encrustation of light brown crystals of ENDLICHITE.  $4 \times 3 \times 2\frac{1}{2}$ " , £28.00
100. WULFENITE. 79 Mine, Gila Co., Arizona, U.S.A. Bright orangey translucent tabular crystals to 8 mm in size scattered on light orangey botryoidal Mimetite covering gossany matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ " , £8.00



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ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

APRIL 1978.

1. ANATASE. Tysse, Norway. Select lustrous sharp dark indigo-blue crystals to over 4 mm in size scattered over intergrown Quartz crystals and crystal sections.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
2. ANGESITE. Cromford, nr. Matlock, Derbyshire. Fine sharp well formed creamy coloured crystals to  $\frac{1}{2}$ " in size intergrown on Balena.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £22.00
3. ARAGONITE. Molina de Aragon, Spain. A choice intergrown group of light purplish sharp pseudo-hexagonal crystals showing good terminations. Largest crystal shows faces  $1\frac{1}{2}$ " in size.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
4. ARSENOPYRITE. Panasqueira, Beira-Beixa, Portugal. Fine bright silvery sharp crystals to  $1\frac{1}{2}$ " in size intergrown in parallel growth on massive arsenopyrite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
5. ARTHURITE. Hingston Down Mine, nr. Callington, Cornwall. Rich apple green micro crystallised crusts on altered granite. Specimen A,  $2 \times 1\frac{1}{2} \times 1$ ", £2.50p. Specimen B,  $1\frac{1}{2} \times 1$ ", £1.25p
6. AZURITE. Chessy, Rhone, France. Bright blue botryoidal crystalline mass with much bright green radiated MALACHITE in association. Very colourful specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £12.00
7. BARYTES. Rosiclare, Hardin Co., Illinois, U.S.A. Transparent creamy coloured sharp tabular crystals to 1 cm in size, aggregated in sprays and thickly scattered all over a flat Calcite matrix, with the reverse side encrusted with sharp creamy Calcite crystals mostly around 8 mm in size.  $6 \times 3\frac{1}{4}$ ", £11.00
8. BARYTE. Cleator Moor, Cymberland. Translucent creamy-grey well formed crystals to 1" in size intergrown on limonitic matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
9. BAYLDONITE. Wheal Carpenter, Gwinear, Cornwall. Rich light green micro crystals and crystallised crusts covering milky quartz. Specimen A,  $3 \times 3 \times 1\frac{1}{4}$ ", £4.75p. Specimen B,  $2 \times 1\frac{1}{2}$ ", £3.25p. Specimen C,  $1\frac{1}{2} \times 1$ ", £2.25p.
10. BORNITE. Wheal Basset, Illogan, Cornwall. Solid purple metallic heavy mass with a slight greenish secondary alteration in places.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £2.25p
11. BREUNNERITE (Ferroan magnesite). Felber-Tauern, Styria, Austria. Light brown lustrous rhombic crystals to 1 cm in size scattered in schistose matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.50p
12. BROOKITE. Hot Springs, Garland Co., Arkansas, U.S.A. Fine bright black sharp crystals to 5 mm in size scattered over a large section of a smoky quartz crystal, with smaller crystals attached.  $3\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £18.00

13. CABRERITE (Magnesian Annabergite). Laurium, Attica district, Greece. Light green small sharp crystals lining small cavities in calcite/limonite matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £3.75p.
14. CALCITE. St. Andreasberg, Harz, Germany. Specimen A: Select translucent to transparent hexagonal flat terminated crystals to 1" in length intergrown and scattered on cellular calcite/galena matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £11.00. Specimen B: Translucent creamy coloured pseudohexagonal crystals with flat terminations stacked one-upon-another on matrix. Largest crystal is 1" in diameter.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
15. CALCITE. Porthoustock Qry., Lizard, Cornwall. A large geode-like cavity in calcite/ altered gabbro matrix lined with transparent creamy coloured well formed modified crystals mostly around 1 cm in size. Some of the crystals have reddish hematite inclusions, and the reverse side of the specimen shows larger translucent crystals to  $\frac{1}{2}$ " in size. Overall size  $5 \times 4\frac{1}{2} \times 2$ ", size of cavity  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £6.50p
16. CARCHOLITE. Wippra, Harz, Germany. Rich golden coloured radiated crystalline masses thickly scattered in greisen matrix. Specimen A,  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p. Specimen B,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.25p
17. CASSITERITE. Seal Hole Mine, St. Agnes, Cornwall. Bright deep brownish sharp crystals to  $\frac{1}{2}$ " in size intergrown on massive cassiterite matrix with a little Topaz in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £12.00
18. CASSITERITE. Blue Hills Mine, St. Agnes, Cornwall. Rich heavy light brown mass with minor veinstuff attached. Old label attached states that it was collected in 1910.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
19. CASSITERITE. Penasqueira, Beira-Beixa, Portugal. Select lustrous blackish sharp twinned crystals approx  $\frac{1}{2} \times \frac{1}{2}$ " in size implanted on crystallised muscovite matrix. Samples each approx  $\frac{1}{4} \times \frac{1}{4}$ ", £6.50p each.
20. CELESTITE. Yate, nr. Bristol, Gloucs. Large translucent pale bluish sharp terminated crystals to over 1" in size intergrown on matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £3.75p
21. CERUSSITE. Redgill Mine, Caldbeck, Cumberland. Lustrous creamy-white 'jackstraw' crystals intergrown on a  $\frac{1}{2} \times \frac{1}{2}$ " area on quartz/galena matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{8}$ ", £1.50p
22. CERUSSITE. Broken Hill, N.S. Wales, Australia. Lustrous creamy elongated crystals in parallel growth forming pure groups. Each approx  $1\frac{1}{4}$ " long by  $\frac{1}{2}$ ", £2.25p each.
23. CHABAZITE. Parkgate Qry., Co. Antrim, N. Ireland. Lustrous creamy sharp rhombic crystals to 5 mm in size thickly lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in basalt matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.75p
24. CHALCOOCITE. Tincroft Mine, Illogan, Cornwall. Dark greyish unusual platy crystals to 1 cm in size scattered on a cellular quartz/chlorite veinstuff.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
25. CHALCOPYRITE var. BLISTER COPPER. Select well formed botryoidal masses thickly covering a chalcopyrite/bornite/quartz/chlorite matrix, with each individual botryoidal mass invested with tarnished micro crystals of BORNITE. An interesting and unusual specimen,  $3 \times 3 \times 2\frac{1}{4}$ ", £23.00. (Dolcoath Mine, Camborne, Cornwall)
26. CHILDRENITE. George & Charlotte Mine, nr. Tavistock, Devon. Specimen A: Sparkling coffee coloured small sharp crystals richly covering large areas of matrix.  $3 \times 2$ ", £4.50p. Specimen B: Very rich crust of bright coffee coloured crystals covering matrix.  $1\frac{1}{2} \times 1 \times 1$ ", £4.50p.
27. CHRYSOCOLLA. Chuquicamata, Antofagasta, Chile. Rich solid deep greenish mass veined with translucent chalcedony. Attractive specimen from the worlds largest copper mine.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
28. COBALTOCALCITE. Bambove, Katanga, Zaire. Choice bright pink sharp crystals mostly around 2-3 mm in size thickly covering a band  $3\frac{1}{4} \times 1$ " along one side of a grayish matrix. Very fine example of this now scarce mineral.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £33.00
29. CONNELLITE. Perran St. George Mine, Perranzabuloe, Cornwall. Very rich light blue pure banded fibrous crystallised masses. Most unusual and unique form for this mineral. Specimen A,  $2 \times 1\frac{1}{2} \times \frac{1}{4}$ " thick, £9.00. Specimen B,  $2 \times 1 \times \frac{1}{2}$ ", £5.50p. Specimen C,  $2 \times 1\frac{1}{4}$ ", £3.50p.
30. NATIVE COPPER. Wheal Pendarves, Camborne, Cornwall. Select very rich heavy slightly cellular metallic crystalline masses intergrown with light brownish limonite. Specimen A,  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £9.00. Specimen B,  $3 \times 2 \times 1\frac{1}{2}$ ", £6.50p. Specimen C,  $2 \times 1\frac{1}{4}$ ", £3.50p



1. NATIVE COPPER. Mufulira Mine, Zambia. Very choice and bright metallic branching masses of crystals. Each specimen is of fine shape for display. Specimen A,  $4\frac{1}{2} \times 4$ ", £18.00. Specimen B,  $3\frac{1}{2} \times 3$ ", £14.00. Specimen C,  $3 \times 2$ ", £11.00. Specimen D,  $2 \times 1\frac{1}{2}$ ", £6.50p. Specimen E,  $1\frac{1}{2} \times 1$ ", £1.50p. Specimen F, Unusual elongated spikes and wires protruding from a creamy white crystalline masse of Selenite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00.
32. CORNETITE. Gwana Mkuba, Ndola, Zambia. Select sparkling deep blue sharp micro crystals richly scattered over matrix. Specimen A,  $3\frac{1}{2} \times 2 \times 1$ ", £11.00. Specimen B,  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £7.00. Specimen C,  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen D, with the micro crystals scattered on one side of a pure mass of bright green banded Malachite,  $1\frac{1}{2} \times 1 \times 1$ ", £3.50p.
33. CROCOITE. Beresovsk, Ekaterinburg, Russia. Light orangey crystal sections to 4 mm in size scattered in hollows in crystalline quartz with minor pyromorphite.  $1\frac{1}{2} \times 1$ ", £3.50p
34. CRONSTEDTITE. Wheal Jane, Kea, Cornwall. Specimen A, Choice lustrous blackish small very sharp crystals thickly covering botryoidal masses of Siderite with a little Pyrites and quartz on quartz veinstuff.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00. Specimen B, Bright blackish small sharp crystals scattered and infilling cavities in pyrites/quartz matrix with odd cleavages of Vivianite in places.  $3 \times 2\frac{1}{2} \times 2$ ", £5.50p.
35. CUPRITE. Wheal Unity, Gwennap, Cornwall. Sharp dark maroon coloured octahedral crystals to 5 mm in size scattered on and in cavities in cellular quartzose veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00
36. CUPRITE var. TILE ORE. Wheal Unity, Gwennap, Cornwall. Rich dark reddish masses associated with much light brownish MELACONITE and with a partial surface alteration to light greenish Malachite.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p
37. EMBOLITE. Broken Hill, N.S. Wales, Australia. Specimen A: Minute sharp olive green crystals scattered on blackish psilomelane matrix with much creamy crystalline Corussite.  $2 \times 1\frac{1}{2} \times 1$ ", £3.50p. Specimen B, Minute olive green sharp crystals scattered over slightly cellular light brown limonitic matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
38. EPIDOTE, variety Pistacite. Near Genoa, Italy. Lustrous dark olive green sharp crystals to 4 mm in size thickly covering matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
39. ERYTHRITE. Mt. Cobalt, Queensland, Australia. Specimen A: Rich raspberry coloured needly crystals and fibrous veinlets covering large areas of the surface and one side of altered schistose matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p. Specimen B, Rich crusts of small needly crystals covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
40. FLUORITE. Groverake Mine, near Rookhope, Co. Durham. A large light greenish modified cubic crystal  $1\frac{1}{2} \times 1$ " in size associated with smaller crystals on matrix, all frosted with minute sparkling clear Quartz crystals.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
41. FLUORITE. Trevaunance Mine, St. Agnes, Cornwall. Light purplish translucent highly modified 24-sided crystals to 8 mm in size intergrown on chlorite.  $1\frac{1}{2} \times 1$ ", £2.25p
42. FLUORITE. Boltsburn Mine, Rookhope, Co. Durham. A clear light purplish well formed inter-pentrant twinned crystal.  $1 \times \frac{1}{2}$ ", £1.25p
43. GALENA. Clausthal, Harz, Germany. Select modified sharp bright crystals to over 1 cm in size richly scattered over siderite matrix, with a later partial encrustation of small sharp creamy Dolomite crystals.  $4\frac{1}{2} \times 2\frac{1}{2}$ ", £8.00
44. GALENA. Naica, Chihuahua, Mexico. Very bright silvery-grey sharp modified crystals to over  $\frac{1}{2}$ " in size forming a cellular crystal mass with small bright brassy Pyrites crystals and a little creamy Calcite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £9.00
45. GILBERTITE. Hensbarrow Moor, Cornwall. Select golden large platy crystal masses associated with quartz and a little tourmaline.  $2 \times 2 \times 1\frac{1}{2}$ ", £1.50p
46. GOETHITE. Botallack Mine, St. Just, Cornwall. Small sharp sparkling blackish crystals thickly lining large cavities in cellular reddish hematite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
47. GOSLARITE. Goslar, Harz, Germany. Select creamy to light brown cellular masses showing needly crystals in cavities. Specimen A,  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £5.50p. Specimen B,  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen C,  $2 \times 2 \times 1$ ", £3.25p

48. HANKSITE. Searles Lake, Inyo Co., California, U.S.A. Well formed terminated creamy coloured translucent single crystal.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
49. HOMATITE. Rio Marina, Isle of Elba, Italy. Fine bright black sharp crystals, some with a slight iridescent tarnish, to over  $\frac{1}{2}$ " in size, thickly intergrown and completely covering matrix. Fine specimen for display.  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00
50. HEMIMORPHITE. Santa Eulalia, Chihuahua, Mexico. Fine transparent sharp terminated crystals and crystal sprays to 1 cm in size richly scattered all over cellular limonitic matrix.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00
51. HORNBLENDE. Arendal, Aust-Agder, Norway. Select group of blackish large well formed crystals to  $1\frac{1}{2}$ " in size with odd lustrous orange-brown elongated sections of APATITE crystals in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
52. IODYRITE. Broken Hill, N.S. Wales, Australia. Minute pale yellow sharp crystals scattered on a  $1 \times \frac{1}{2}$ " area on dense limonite/cerussite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £6.50p
53. KASOLITE. Mine la Peye, Grury, Saone-et-Loire, France. Light yellow micro crystals richly scattered on and in limonitic matrix.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £2.25p
54. NATIVE LEAD. Langban, Wermland, Sweden. Specimen A: Rich dull greyish thin plates and masses on and in manganophyllite matrix with minor reddish areas of Litharge.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B: Thin hackly masses and plates on manganophyllite,  $\frac{1}{2} \times \frac{1}{2}$ ", £1.25p
55. LEPIDOLITE. Minas Gerais, Brazil. Well formed lavender coloured crystals to 5 mm in size scattered on a  $1 \times 1$ " area on creamy cleavages of Albite variety Cleavelandite.  $2\frac{1}{2} \times 2$ ", £2.25p
56. LIBETHENITE. Nchanga Mine, Zambia. Specimen A: Rich crust of bright dark olive-green sharp crystals to 3 mm in size covering matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.50p. Specimen B: As specimen A, with the crystals to 4 mm in size.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
57. MAGNETOPLUMBITE. Langban, Wermland, Sweden. Rich blackish masses scattered in brown Manganophyllite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
58. MALACHITE. Shaba Province, Zaire. Select beautifully banded dark to light green well polished slices. Specimen A:  $5 \times 3\frac{1}{4}$ ", £14.00. Specimen B:  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £11.00
59. MALACHITE. Apex Mine, Utah, U.S.A. Light green botryoidal mass with a little light blue botryoidal crystalline Azurite in association. Colourful specimen.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
60. MALACHITE. Mina Ojuela, Durango, Mexico. Light green silky velvety crystals richly lining large cavities in brown limonitic matrix, with a little Calcite in places.  $2\frac{1}{4} \times 2\frac{1}{4} \times 2$ ", £3.50p
61. MARCASITE. Joplin, Missouri, U.S.A. Light brassy coloured sharp axe-like crystals to  $\frac{1}{4}$ " in size thickly covering matrix with a little Calcite in association.  $4 \times 2\frac{1}{2}$ ", £8.00
62. MESOLITE. Gable, Oregon, U.S.A. Creamy white radiated needle crystal masses to over 1" in diameter implanted on creamy well formed Heulandite crystals lining a large cavity in cellular matrix.  $3 \times 2 \times 2$ ", £5.50p
63. NEPHELINE. Mte. Somma, Vesuvius, Italy. Fine sharp transparent to translucent clear to creamy coloured crystals richly scattered over matrix. All the specimens have other minerals in association. Specimen A,  $4 \times 3 \times 1\frac{1}{2}$ ", with crystals to 4 mm in size, £8.00. Specimen B,  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", with crystals to 3 mm in size, £6.50p. Specimen C,  $3 \times 2\frac{1}{4}$ ", with crystals to 4 mm in size, £4.50p
64. OLIVENITE. Wheel Unity, Gwennep, Cornwall. Light olive-green silky crystal masses aggregated on a large milky pyramidal Quartz crystal.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £5.50p
65. PERICLINE. St. Gotthard, Ticino, Switzerland. Fine lustrous creamy-white sharp crystals to 1 cm in size thickly scattered all over schistose matrix, with odd well formed Quartz crystals with chlorite inclusions on one side.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £7.00
66. PHILLIPSITE. Vallerano, nr. Rome, Italy. Transparent glassy crystal sprays to 4 mm in size richly scattered over matrix.  $3 \times 2$ ", £3.25p
67. PLANCHEITE. Mfulira Mine, Zambia. Specimen A: Very rich light blue fibrous-radiated masses with a little greenish Malachite densely covering a  $3\frac{1}{2} \times 2\frac{1}{4}$ " area on matrix.  $4 \times 3\frac{1}{2}$ ", £14.00. Specimen B: Rich light blue fibrous crystalline mass associated with quartz.  $2 \times 2 \times 1\frac{1}{4}$ ", £8.00



68. PREHNITE. Bourg d'Oisans, Isere, France. Select light greenish rounded crystals and crystal masses to  $\frac{1}{2}$ " in diameter scattered on matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
69. PREHNITE. Boylestone Cry., Barrhead, Scotland. Lustrous silky translucent lime-green botryoidal crystalline masses covering basalt matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £2.50p
70. PYRITES. Uheal Jane, Kea, Cornwall. Small bright brassy modified octahedral crystals to 4 mm in size richly scattered over and amongst elongated clear QUARTZ crystals to  $\frac{1}{2}$ " in length covering matrix.  $4 \times 3 \times 1\frac{1}{2}$ ", £5.50p
71. PYRITES. Soria, Spain. Fine very sharp and bright single cubic crystals, mostly completely perfect. Each approx  $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ ", £3.25p each.
72. PYROMORPHITE. Burgam Mine, near Shelve, Shropshire. Rich light green crusts of small sharp hexagonal crystals covering cellular matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen B,  $3 \times 2$ ", £4.50p
73. PYROMORPHITE. Mine les Ferges, Creuse, France. Fine lustrous olive-green sharp hexagonal crystals to 5 mm in size scattered over iron stained creamy crystallised Barytes matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £11.00
74. QUARTZ replacing BARYTES. Kapnik, Rumania. Thin tabular barytes crystals to  $\frac{1}{2}$ " in size completely replaced by drusy Quartz and scattered on small sharp quartz crystals covering matrix.  $3 \times 2$ ", £4.50p
75. QUARTZ. Mt. Wellington Mine, Twelveheads, Cornwall. Specimen A: Sharp terminated creamy crystals to 1" in size forming a plate-like group, with minute bright brassy crystals of PYRITES covering parts of the crystals. Fine specimen for display.  $5\frac{1}{2} \times 4\frac{1}{2}$ ", £9.00. Specimen B: As specimen A, with the quartz crystals to  $\frac{1}{4}$ " in size,  $3\frac{1}{2} \times 3$ ", £4.75p. Specimen C: Large milky well formed terminated crystals to over 1" in size forming an intergrown group with a little Pyrites dusted on one side.  $2\frac{1}{4} \times 2 \times 2$ ", £2.50p
76. RHODOCHROSITE. Kassandra, Chalkidiki, Greece. Fine large light pink sharp rhombic crystals to over 1" on face edge intergrown on rhodochrosite/pyrites matrix. All the crystals are encrusted with minute sparkling Quartz crystals. Fine display specimen.  $5\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £44.00
77. SCHEELITE. Devon Friendship Mine, Merytavy, Devon. Rich pale creamy-yellow masses on and in milky quartz with a little silvery arsenopyrite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.50p
78. SCHLZITE. Reaphook Hill, Flinders Range, S. Australia. Fine well formed creamy elongated needle crystals to 1 cm in length richly covering large areas of light brown limonitic matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £7.00
79. SCORODITE. Prince of Wales Mine, nr. Callington, Cornwall. Fine bright light greenish small sharp crystals richly covering large areas of altered slate matrix. These are very rich specimens for this location. Specimen A,  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen B, with the crystals on milky quartz,  $3 \times 2 \times 1\frac{1}{2}$ ", £6.50p. Specimen C, with the crystals lining a  $\frac{1}{2} \times \frac{1}{2}$ " cavity in matrix,  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p. Specimen D, As specimen A,  $2 \times 1 \times 1$ ", £2.50p
80. SCORODITE. Hemerdon Ball Wolfram Openworks, Plympton, Devon. Specimen A: Light greenish sharp crystals to 2 mm in size thickly lining large cavities in milky quartz.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen B, Pale bluish-green lustrous sharp crystals to 4 mm in size scattered on and lining cavities in milky quartz.  $2 \times 2$ ", £6.50p. Specimen C, Bright light blue sharp crystals to 3 mm in size lining cavities in milky quartz.  $1 \times 1$ ", £4.50p
81. SIDERITE. Morro Velho goldmine, Minas Gerais, Brazil. Large lustrous light brown sharp crystals to nearly 1" in size intergrown on matrix with odd small brassy Pyrrhotite crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
82. NATIVE SILVER. Cobalt, Ontario, Canada. Fine slightly tarnished silvery large hackly sheets associated with a little creamy calcite. Very rich and showy specimen from this famous old mining camp.  $4 \times 1\frac{1}{2} \times 1$ ", £38.00
83. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Fine lime-green coloured sharp transparent rhombic crystals to 5 mm in size thickly scattered in a  $2\frac{1}{4} \times 1\frac{1}{2}$ " cavity on one side of chalcocite/smithsonite matrix.  $4 \times 3 \times 1\frac{1}{2}$ ", £33.00

84. SMITHSONITE replacing CALCITE. Mendip Hills, Somerset. Choice creamy coloured dog-tooth Calcite crystals to  $\frac{1}{4}$ " in size intergrown on cellular matrix and completely replaced by Smithsonite. Interesting pseudomorph with the replacement of the crystals being unusually sharp. Specimen A,  $3 \times 2\frac{1}{2}$ ", £4.75p. Specimen B,  $2 \times 1\frac{1}{4}$ ", £3.50p
85. SPHALERITE. Wheal Jane, Kea, Cornwall. Large bright black polysynthetic twinned crystals to over  $\frac{1}{2}$ " in size scattered on matrix with elongated light greenish Quartz crystals and a little Pyrites in association.  $2\frac{1}{2} \times 2 \times 1$ ", £4.50p
86. STILBITE. Trummary, Co. Antrim, N. Ireland. Sharp creamy-white crystals to 1 cm in size richly encrusting basalt matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
87. TARBUTTITE. Broken Hill, Zambia. Specimen A: Sparkling sharp clear crystals to 3 mm in size richly scattered all over cellular brown limonitic matrix with odd elongated creamy crystals of Phosphophyllite in places.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £16.50p. Specimen B, Bright colourless to creamy sharp crystals to 3 mm in size very richly scattered over limonitic matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £7.75p. Specimen C, Bright colourless transparent crystals to 3 mm in size lining cavities in limonitic matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.25p
88. TETRADYMIT. Carrock Mine, Caldbeck, Cumberland. Rich bright silvery-grey metallic crystalline masses scattered in milky quartz. Specimen A,  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p. Specimen B,  $1\frac{1}{2} \times 1$ ", £2.50p
89. TETRAHEDRITE. Kapnik, Rumania. Specimen A: Bright silvery grey sharp crystals to 7 mm in size richly covering large areas of matrix with milky quartz crystals and a little creamy Calcite in association.  $4 \times 2$ ", £11.00p. Specimen B, Bright silvery-grey sharp crystals to 7 mm in size intergrown on matrix with a little Quartz and Pyrites crystals.  $1\frac{1}{2} \times 1$ ", £6.50p
90. TORBERNITE. South Terras Mine, St. Stephens, Cornwall. Light green small well formed tabular crystals lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
91. VALENCIANITE (Variety of Adularia). Valencianna Mine, Guanajuato, Mexico. Sharp lustrous creamy coloured crystals to 1 cm in size thickly covering matrix with small light brown Siderite crystals in association.  $3 \times 1\frac{1}{2} \times 1$ ", £5.50p
92. VALENTINITE. Příbram, Bohemia, C.S.S.R. Lustrous creamy coloured platy crystals and crystal rosettes to 5 mm in size, richly scattered over matrix with odd small greyish Stibnite crystals in association.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £22.00
93. VANADINITE. Mibladen, nr. Midelt, Atlas Mts., Morocco. Fine light orange sharp crystals richly scattered over creamy 'coxcob' Barytes crystals covering matrix. Attractive sample for display.  $3 \times 2\frac{1}{2}$ ", £8.00
94. VARISCITE. Highdown Qry., Filleigh, Devon. Specimen A, Pale green slightly botryoidal crystals and globular masses scattered over both sides of brecciated skate matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B, As specimen A,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p. Highdown Quarry was the first British occurrence of Variscite, these specimens are somewhat better than the material that was found originally.
95. WOLFRAMITE. Hingston Down, nr. Gunnislake, Cornwall. Rich bright black blades and masses in milky quartz with a little silvery arsenopyrite. Specimen A,  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p. Specimen B,  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.50p
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ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

MAY 1978

1. ADAMITE. Mina Ojuela, Mapimi, Durango, Mexico. Fine lustrous yellowy-green sprays of sharp terminated crystals to  $\frac{1}{2}$ " intergrown and scattered over limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00.
2. ALBITE. Rauris, nr. Salzburg, Austria. Lustrous sharp creamy crystals to 8 mm in size thickly lining a  $2 \times 1$ " cavity in matrix with silky AMIANTHUS.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p
3. ANATASE. St. Gotthard, Ticino, Switzerland. Sharp deep bluish crystals to 4 mm in size scattered over matrix with small Quartz crystals.  $2 \times 1\frac{1}{2}$ ", £9.00
4. ANGESITE. Monte Poni, Iglesias, Sardinia. Fine large sharp colourless crystals to  $\frac{1}{2}$ " in size lining a  $2 \times 1$ " cavity in Galena matrix with other Anglesite crystals scattered in places.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £38.00
5. APATITE. Panasqueira, Beira-Beixa, Portugal. Fine translucent light green sharp hexagonal crystals to  $\frac{3}{4}$ " in size scattered on and partially embedded in a group of large mostly clear well terminated QUARTZ crystals, the largest being  $4$ " long by  $2$ " across the axis. There are also several sharp light green Apatite crystals enclosed in the Quartz crystals making interesting phantoms. A little drusy pale brown Siderite encrusts the sides of the Quartz crystals in places. Fine specimen for display.  $5 \times 2\frac{1}{2} \times 4$ " high. £115.00
6. APOPHYLLITE. Catcairn, Co. Antrim, N. Ireland. A sharp transparent doubly terminated crystal  $\frac{1}{2} \times \frac{1}{2}$ " implanted on matrix with creamy white Gyrolite and Okenite,  $2 \times 1\frac{1}{2}$ ", £2.75p
7. ARAGONITE. Tazoula, near Sefrou, Morocco. Specimen A: Select ball-like mass of sharp translucent intergrown hexagonal orangey-red crystals to 1 cm in size.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p. Specimen B: Select ball-like clusters of sharp hexagonal crystals to  $\frac{1}{4}$ " in size. Each approx  $1 \times 1$ ", £1.25p each.
8. ARDENNITE. Salin-Chateau, Ardennes, Belgium. Rich golden radiated crystalline masses embedded in milky quartz. Specimen A:  $2 \times 2 \times 1$ ", £4.50p. Specimen B:  $1\frac{1}{2} \times 1 \times 1$ ", £2.75p
9. ARSENOPIRYTE. Trepca, Yugoslavia. Fine bright silvery sharp crystals to 1 cm in size associated with elongated milky QUARTZ crystals to  $\frac{1}{2}$ " in length, sharp translucent CALCITE crystals to  $\frac{1}{4}$ " in size, and a little blackish Sphalerite. Very attractive specimen.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £18.00
10. AZURITE. Copper Queen Mine, Bisbee, Arizona, U.S.A. Select bright blue radiated ball-like crystal groups intergrown and scattered over cellular light green Malachite. Individual crystal groups range in size up to  $\frac{1}{2}$ ".  $4 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00

1. BARYTES. Settlingstones Mine, Hexham, Northumberland. Choice lustrous creamy sharp wedge shaped crystals to  $\frac{1}{4}$ " in size completely covering and free-standing on matrix.  $4 \times 3 \times 1\frac{1}{4}$ ", £13.00
2. BERYL Var. AQUAMARINE. Teofilo Otoni, Minas Gerais, Brazil. Specimen A: Select fine pale blue sharp terminated elongated hexagonal crystals being mostly transparent. Crystals each approx  $1\frac{1}{2}$ " long by 1 cm across the axis, £4.50p each. Specimen B: As specimen A, crystals each approx  $1\frac{1}{2}$ " long by 1 cm across the axis, £2.75p each.
3. BIXBYITE. Thomas Mts., Utah, U.S.A. Choice sharp blackish cubic crystal 5x5 mm in size implanted on matrix  $25 \times 13$  mm. £6.50p
4. CALCITE. Tsumeb, Otavi, S.W. Africa. An interesting group of translucent creamy sharp rhombic crystals to  $\frac{1}{4}$ " on face edge, with inclusions of light green DUFTITE.  $2 \times 1\frac{1}{2}$ ", £4.50p
5. CASSITERITE. Wheal Maudlin, Lanlivery, Cornwall. Bright black sharp twinned crystals to 4 mm in size richly scattered over chloritised altered slate matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £13.00
6. CASSITERITE. Wheal Kitty, St. Agnes, Cornwall. Deep brownish lustrous small sharp crystals richly lining cavities in cellular chlorite/cassiterite veinstuff.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £5.50p
7. CASSITERITE. Zinnwald, Bohemia, C.S.S.R. A fine very large lustrous deep brown sharp twinned crystal.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £27.50p
8. CERUSSITE. Rum Jungle, N. Terr., Australia. Small bright sharp twinned glassy crystals richly scattered over cellular limonitic matrix with much velvety deep green MALACHITE.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
9. CHALCOHITE. Levant Mine, Bendeen, Cornwall. Very rich metallic grey heavy mass with a little silvery Arsenopyrite in association.  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
10. CHALCOHITE. Levant Mine, Bendeen, Cornwall. Very fine bright silvery-grey sharp crystals to 5 mm in size richly intergrown and scattered on cellular hematite/quartz veinstuff.  $2 \times 1 \times 1$ ", £23.00
21. CHALCOPYRITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. Fine bright golden sharp crystals to 5 mm in size very richly scattered in orientated growth on intergrown large lustrous brownish SPHALERITE crystals. Specimen A:  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen B:  $2\frac{1}{4} \times 2 \times 1$ ", £4.50p
22. CHALCOPYRITE var. BLISTER COPPER. East Pool Mine, Illogan, Cornwall. Bright dark golden botryoidal mass covering hematite/chalcopyrite veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ", £3.50p
23. CHILDRENITE. George & Charlotte Mine, nr. Tavistock, Devon. Very choice bright sharp golden transparent crystals to 2 mm in size richly scattered over light brown Siderite crystals on quartz/pyrites matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
24. COLEMANITE. Boron, California, U.S.A. Fine bright creamy transparent sharp spear-like crystals to  $\frac{1}{2}$ " in size richly obscuring matrix with creamy Calcite covering one side.  $2\frac{1}{2} \times 2 \times 2$ ", £8.00
25. NATIVE COPPER. South Caradon Mine, St. Cleer, Cornwall. Rich cellular metallic bright crystalline mass with much deep reddish crystallised CUPRITE and a little quartz in association.  $3 \times 2 \times 1\frac{1}{2}$ ", £8.00
26. COVELLITE. Stewart Mine, Butte, Montana, U.S.A. Rich golden to bluish attractively tarnished platy crystalline mass.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p
27. CROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Select bright orangey sharp terminated crystals to 4 mm in length scattered in cavities in limonitic matrix with small bright green PYROMORPHITE crystals.  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £5.50p
28. CUPRITE. Marke Valley Mine, Linkinhorne, Cornwall. Very rich cellular mass of small sharp sparkling octahedral crystals.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £16.50p
29. CUPRITE. Tsumeb, Otavi, S.W. Africa. Fine bright red sharp complex crystals to 3 mm in size richly scattered over matrix with a little crystallised creamy Calcite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00



1. CUPROADAMITE. Tsumeb, Otavi, S.W. Africa. Choice light green sharp crystals to 4 mm in size thickly lining large cavities in sulphide-rich matrix.  $3 \times 3 \times 1\frac{1}{2}$ ", £23.00
31. DIAMOND. Transvaal, South Africa. Select single sharp octahedral single crystals of a creamy to colourless or slightly smoky or yellow colour. Most show interesting growth patterns on their faces, and some crystals show twinning and various crystal modifications. Crystals are priced for perfection and size. Specimen A, 2.23 carats,  $\frac{1}{4} \times \frac{1}{2}$ " in size, £33.00. Specimen B, 1.71 cts,  $\frac{1}{4}$ " in size, £22.00. Specimen C, 1.46 cts,  $\frac{1}{4}$ " in size, £17.00. Specimen D, 0.97 cts, 5 mm in size, £13.00. Specimen E, 0.64 cts, 5 mm in size, £9.00. Specimen F, 0.30 cts, 4 mm in size, £7.00.
32. DAUSDONITE. Francon Qry., Montreal, Quebec, Canada. Small glassy needly crystals scattered on and associated with light purple fluorite on matrix.  $2\frac{1}{2} \times 2"$ , £5.50p
33. DIGENITE. Leonard Mine, Butte, Montana, U.S.A. Very rich bright bluish tarnished metallic mass with a little golden pyrites.  $3 \times 2\frac{1}{2}"$ , £8.00
34. DIOPTASE. Mindouli, Nieri river, Zaire. Bright emerald green sharp crystals to  $\frac{1}{4}"$  in size thickly lining a  $1\frac{1}{4}"$  cavity in massive diopside.  $2 \times 1\frac{1}{2} \times 1"$ , £14.00
35. DUFTITE. Tsumeb, Otavi, S.W. Africa. Light green rich crystalline crusts and masses covering platy Wulfenite crystals with a little drusy Calcite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £3.50p
36. ENARGITE. Butte, Montana, U.S.A. Fine sharp metallic grey terminated tabular crystals to over 1 cm in size very richly scattered over both sides of a cellular quartz/pyrite matrix, with odd sharp milky Quartz crystals and modified Pyrites crystals in places.  $5 \times 3\frac{1}{2} \times 3"$ , £23.00
37. ERYTHRITE. Bou Azzer, Djebel Serhro, Morocco. Lustrous raspberry-red well formed tabular crystals and crystal sections to  $\frac{1}{4}"$  in size intergrown on a  $\frac{1}{2}"$  area on Skutterudite.  $1\frac{1}{2} \times 1\frac{1}{4}"$ , £11.00
38. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Choice transparent sea-green coloured cubic crystals to nearly  $\frac{1}{2}"$  in size forming an intergrown group with a little lustrous creamy crystallised Calcite deposited on some of the crystals.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £16.50p.
39. FLUORITE. Hilton Mine, Scordale, Westmoreland. Specimen A: Select light yellow sharp mostly clear intergrown cubic crystals to 1 cm in size thickly covering matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £7.00. Specimen B, Fine transparent bright yellow twinned single cubic crystal with inclusions of brassy chalcocopyrite. Overall size  $1\frac{1}{2} \times 1\frac{1}{4} \times 1"$ , £4.50p
40. GADOLINITE. Ytterby, near Stockholm, Sweden. Rich bright black masses in pegmatite matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £3.25p.
41. GALENA. Baxter Springs, Cherokee Co., Kansas, U.S.A. Specimen A: Fine group of large bright silvery-grey metallic intergrown cubic crystals to 3" in size. All the faces of the crystals show excellent deep growth and etch patterns. Fine specimen for display.  $5\frac{1}{2} \times 5 \times 2\frac{1}{4}"$ , £38.00. Specimen B: Choice modified bright metallic cubic crystal showing interesting growth patterns and some parallel growth of the crystal faces. Minor sphalerite attached.  $3 \times 2\frac{1}{2} \times 2"$ , £16.50p. Specimen C, Fine sharp bright cubic crystals to over  $\frac{1}{2}"$  in size scattered on chert matrix.  $3 \times 2"$ , £8.00
42. GROSSULAR GARNET. Lake Jaco, Chihuahua, Mexico. Specimen A: Select lustrous sharp creamy-pink crystal  $2 \times 1\frac{1}{2}"$  with another  $1\frac{1}{2} \times 1\frac{1}{4}"$  attached. Overall size  $3 \times 2 \times 1\frac{1}{4}"$ , £7.00 Specimen B: Fine sharp pinkish single crystal,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £4.50p
43. GROSSULAR GARNET var. HESSONITE. Vald'Ala, Piedmont, Italy. Specimen A: Fine bright orangey-red sharp crystals to 4 mm in size scattered over matrix with a little Clinocllore and Apatite.  $2\frac{1}{2} \times 2"$ , £11.00. Specimen B: Bright orangey-red small sharp crystals encrusting matrix with a little creamy Apatite.  $2 \times 1\frac{1}{2}"$ , £4.50p
44. HEMATITE var. KIDNEY ORE. Florence Mine, Egremont, Cumberland. Fine bright reddish-brown botryoidal mass with a partial overlay of bright black small platy SPECULARITE crystals. Attractive display specimen.  $5 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £8.00
45. HUREULITE. Tip Top Mine, Black Hills, S. Dakota, U.S.A. Select light rose-coloured sharp transparent crystals to 4 mm in size scattered in cavities in crystalline greenish Triphylite matrix with well crystallised LEUCOPHOSPHITE, VIVIANITE and Rockbridgeite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £38.00

46. HOLLANDITE. Ultvis Range, Vasterbotten, Sweden. Rich metallic greyish radiated crystal masses associated with quartz and purplish fluorite. Specimen A:  $3 \times 2\frac{1}{2} \times 2$ ", £6.50p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
47. IDOCRASE. Lake Jaco, Chihuahua, Mexico. Specimen A: Choice lustrous intergrown group of well formed terminated yellowish crystals, the largest being  $1\frac{1}{2}$ " on face edge.  $2\frac{1}{2} \times 2 \times 1\frac{3}{4}$ ", £8.00. Specimen B: A select single well terminated sharp yellowish crystal.  $1\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
48. ILMENITE. Niederofleiden, Hessen, Germany. Lustrous blackish flat platy crystals and crystal sections intergrown and scattered in matrix with Chabazite and Thomsonite.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
49. ISO-STANNITE. Cligga Mine, Perranzabuloe, Cornwall. Very rich tarnished metallic grey mass with a little silvery Arsenopyrite.  $2 \times 2 \times 1\frac{1}{4}$ ", £2.75p
- JAMESONITE. Bodannon Mine, nr. Port Isaac, Cornwall. Rich silvery-grey metallic fibrous
50. crystalline masses in milky quartz with a little yellowish Bindeheimite.  $3 \times 2\frac{1}{2}$ ", £5.50p
51. LIBETHENITE. Miguel Varcas Mine, Alentejo, Portugal. Sharp bright olive-green octahedral crystals to 2 mm in size very richly scattered over matrix.  $3 \times 2\frac{1}{2} \times 1$ ", £11.00
52. MAGNETITE. Nordmark, Wernland, Sweden. Sharp blackish octahedral crystals to 5 mm in size richly covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
53. MALACHITE. Buena Mkuba, Ndola, Zambia. Select bright green tubose and botryoidal mass thickly covering matrix. Very interesting shape and form.  $3 \times 2\frac{1}{2}$ ", £9.00
54. MALAYAITE. Meldon, Dartmoor, Devon. Rich pale yellow waxy masses scattered in creamy white wollastonite hornfels.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
55. MARCASITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. A very fine group of large sharp brassy spear-like intergrown crystals to over  $\frac{1}{2}$ " in size. There is a little orangey-brown Sphalerite on the back of the specimen.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
56. MARCASITE. Shakespeare Cliff, Folkestone, Kent. Select light brassy sharp intergrown groups of twinned spear-like crystals. Crystals vary in size from  $\frac{1}{4}$ " to  $\frac{1}{2}$ ", and the specimens are priced from £2.50p to £4.50p each according to quality. Pieces range from  $\frac{1}{2} \times \frac{1}{2}$ " to  $1 \times 1$ ".
57. MIMETITE. Tsumeb, Otavi, S.W. Africa. Specimen A: Fine transparent sharp elongated tapering hexagonal crystals of a bright yellow colour to 1 cm in length, very richly scattered on a cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £13.00. Specimen B: Fine bright orangey-yellow tapering crystals to 8 mm in size forming an attractive intergrown group with a little creamy calcite.  $1\frac{1}{2} \times 1$ ", £6.50p
58. MIMETITE var. CAMPYLITE. Drygill Mine, Caldbeck, Cumberland. Unusual lustrous orangey to greenish-yellow heavy solid crystalline mass with the upper surface showing good barrel shaped crystals to over  $\frac{1}{4}$ " in size. A little bladed barytes in places.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
59. MIMETITE. Driggeth Mine, Caldbeck, Cumberland. Fine light green barrel shaped crystals to 3 mm in size thickly encrusting milky quartz matrix. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p. Specimen B:  $2 \times 2 \times 1\frac{1}{4}$ ", £3.50p. Specimen C:  $2 \times 1$ ", £1.25p
60. MOLYBDENITE. Kingsgate, N.S. Wales, Australia. Rich metallic grey platy crystalline masses associated with milky quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
61. OLIVENITE. Tsumeb, Otavi, S.W. Africa. Small sharp olive-green crystals richly covering matrix.  $1\frac{1}{2} \times 1$ ", £2.25p
62. PECTOLITE. High Force Qry., Teesdale, Co. Durham. Select creamy-white fibrous radiated vein section.  $2 \times 1\frac{1}{2}$  by  $\frac{1}{2}$ " thick. £2.25p
63. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Lustrous green sharp cubic crystals to 3 mm in size lining cavities in iron matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
64. PREHNITE epimorph after LAUMONTITE. Poona, nr. Bombay, India. Select pale greenish small well formed crystals forming casts after elongated laumontite crystals. Specimens each approx 1" in size, £1.25p each.
65. PSEUDOMALACHITE. Coombing Mine, Darcour, N.S. Wales, Australia. Rich deep green slightly botryoidal thick masses covering iron matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p



66. PYRITES. Govarrano Mine, Tuscany, Italy. Choice bright golden sharp cubic crystals to 1" in size forming a fine intergrown crystal group. Fine specimen for display.  $4 \times 4 \times 1 \frac{1}{2}$ ", £27.00
67. PYRITES. Carn Brea Mine, Illogan, Cornwall. Small sharp brassy octahedral crystals richly covering pale brown crystallised Siderite on quartz matrix.  $3 \times 2$ ", £2.50p
68. PYROMORPHITE. Roughtengill Mine, Caldbeck Fells, Cumberland. Choice bright light green lustrous tapering hexagonal crystals to 1 cm in length thickly covering and lining large cavities on both sides of milky quartz matrix. Fine old-time specimen.  $3 \frac{1}{2} \times 2 \frac{1}{2} \times 2 \frac{1}{2}$ ", £68.00
69. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Intergrown group of dark bronzey coloured well formed terminated hexagonal crystals to over  $\frac{1}{2}$ " in size, with odd ball-like masses of light brown Siderite.  $1 \frac{1}{2} \times 1$ ", £3.25p
70. QUARTZ var. ROCK CRYSTAL. Corinto, Minas Gerais, Brazil. Specimen A: Fine group of large clear elongated terminated crystals to 3" in length.  $5 \times 3$  by  $3 \frac{1}{2}$ " high, £40.00. Specimen B: Fine group of elongated water-clear slender terminated crystals to 2" in length.  $3 \frac{1}{2} \times 2 \frac{1}{2}$  by 2" high, £32.00. Specimen C: Choice group of water-clear elongated terminated crystals to  $1 \frac{1}{2}$ " in length.  $4 \times 2 \times 1 \frac{1}{2}$ " high, £22.00. All the above specimens are excellent for display and are virtually free of damage. They very much resemble the old specimens that came from Dauphine in France.
71. RHODOCHROSITE. Kassandra Mine, Chalkidiki, Greece. Light pink small sharp crystals attractively clustered and scattered over large areas of quartz/sphalerite/pyrite matrix with small Quartz crystals and odd bright silvery-grey twinned BOURNONITE crystals to 5 mm in size.  $5 \frac{1}{2} \times 4 \times 2 \frac{1}{2}$ ", £17.00
72. RHODOCHROSITE. Hotazel, Cape Province, South Africa. Very choice transparent bright raspberry-red crystals to 4 mm in size thickly covering blackish pyrolusite matrix. Very attractive specimen.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £13.00
73. RHODONITE. Broken Hill, N.S. Wales, Australia. Select lustrous raspberry-red well formed tabular crystals and crystal sections to over  $\frac{1}{2}$ " in size richly scattered on and in Galena-rich matrix.  $4 \times 3 \times 1 \frac{1}{2}$ ", £18.00
74. RUBELLITE. Hebron, Oxford Co., Maine, U.S.A. Pinkish-red columnar crystal sections to 1" in length richly embedded in purplish Lepidolite with quartz and a little Spodumene.  $4 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £4.50p
75. SCHEFFERITE. Langban, Wermland, Sweden. Rich reddish-brown crystalline masses on and in hematite matrix with orangey spots of Berzelite.  $2 \frac{1}{2} \times 2$ ", £3.50p
76. SCORODITE. Wheal Pendarves, Camborne, Cornwall. Specimen A: Small sharp sparkling crystals scattered in a  $1 \frac{1}{4}$ " cavity in arsenopyrite/tourmaline veinstuff.  $3 \times 2 \times 1 \frac{1}{2}$ ", £4.50p. Specimen B: Select bright pale bluish crystal sprays scattered in a  $\frac{1}{2}$ " cavity in tourmaline matrix.  $2 \times 1 \frac{1}{2}$ ", £2.75p.
77. SIEGENITE. St. Joseph lead district, Missouri, U.S.A. Fine sharp silvery octahedral crystals to 3 mm in size richly covering creamy calcite crystals on matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £16.50p
78. NATIVE SILVER. Silver Isle, Lake Superior, Canada. Rich silvery hackly masses in quartz matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £8.00
79. SMITHSONITE (Cobaltian). Tsumeb, Otavi, S.W. Africa. Choice bright pink sharp crystals to  $\frac{1}{4}$ " in size forming an intergrown group with a twinned creamy CERUSSITE crystal 1 cm in size in association.  $1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £6.50p
80. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Lustrous lime-green sharp crystals to 3 mm in size richly covering large areas of cellular matrix with small creamy-white Calcite crystals.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £4.50p
81. SODDYITE. Kalungwe, Katanga, Zaire. Specimen A: Select lustrous yellowish small sharp crystals richly covering most of matrix.  $1 \frac{1}{2} \times 1$ ", £14.00. Specimen B: Small well formed yellowish crystals scattered and aggregated on matrix.  $2 \times 1 \frac{1}{2}$ ", £4.50p. Specimen C: Small yellowish crystals scattered on one end of matrix.  $1 \frac{1}{2} \times 1$ ", £1.50p
82. SPHALERITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. Specimen A: Very large bright black sharp crystals to 1" in size richly scattered and intergrown on both sides of matrix with creamy curved rhombic crystals of Dolomite.  $3 \frac{1}{2} \times 2 \times 2$ ", £14.00. Specimen B: As specimen A,  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £7.00

83. SPHALERITE. Hydraulic Shaft, Smalclough Mine, Nenthead, Cumberland. Specimen A: Choice bright black sharp crystals to 1 cm in size thickly encrusting altered limestone matrix.  $5\frac{1}{2} \times 3 \times 2"$ , £8.00. Specimen B: As specimen A, with crystals to  $\frac{1}{2}"$  in size.  $3 \times 2"$ , £3.50p
84. STIBNITE. Knipes Mine, New Cumnock, Ayrshire, Scotland. Rich bright silvery-gray bladed masses associated with a little quartz. Specimen A, showing a little yellowish stibiconite alteration in places,  $4 \times 3 \times 1\frac{1}{2}"$ , £4.50p. Specimen B:  $3 \times 2 \times 1\frac{1}{2}"$ , £1.75p
85. STRONTIANITE. Whitesmith Mine, Strontion, Argyllshire, Scotland. Rich lime-green radiated crystalline masses associated with creamy barytes. Specimen A:  $3\frac{1}{2} \times 1\frac{1}{2}"$ , £2.75p. Specimen B:  $2 \times 1"$ , £1.50p
86. NATIVE SULPHUR. Agrigento, Sicily, Italy. Select mostly transparent bright yellow mostly complete single crystal showing good sharp faces.  $1\frac{1}{2} \times 1\frac{1}{4}"$ , £2.25p
87. TARNOWITZITE. Tsumeb, Otavi, S.W. Africa. Lustrous sharp creamy crystals to  $\frac{1}{2}"$  in size intergrown on large areas of cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £6.50p
88. TORBERNITE. Mine Bois Noir, St. Priest-la-Prugne, Loire, France. Select light to dark green small sharp blocky crystals to 2 mm in size scattered over brownish iron quartz crystals on granite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £4.50p
89. VANADINITE. Mibladen, nr. Midelt, Atlas Mts., Morocco. Select bright reddish large single composite crystals. Each approx  $\frac{1}{2} \times \frac{1}{2}"$ , £2.25p each.
90. ENDLICHITE (Arsenian Vanadinite). Sierra de los Lamentos, Chihuahua, Mexico. Fine light brownish elongated skeletal hexagonal crystals to 1 cm in length very richly scattered over sparkling brown MOTTRAMITE crystals on matrix.  $3 \times 3 \times 2"$ , £23.00
91. VARISCITE. Hot Springs, Garland, Co., Arkansas, U.S.A. Rich bright green micro crystallised crusts covering large areas of matrix.  $3 \times 2"$ , £4.50p
92. VIVIANITE. Blackgang Chine, Isle of White. Dark bluish crystals and crystal sections to 4 mm in size scattered on ferruginous matrix.  $2\frac{1}{2} \times 1\frac{1}{2}"$ , £2.25p
93. WELGANITE. Francon Qry., Montreal, Quebec, Canada. Sharp translucent creamy crystals to 5 mm in size richly scattered in a deep  $\frac{1}{4}"$  cavity in matrix with a little Analcime.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £9.00
94. WITHERITE. Rosiclare, Hardin Co., Illinois, U.S.A. Sharp creamy pseudohexagonal crystals to 1" in size intergrown and scattered on matrix with odd small light purple crystals of fluorite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £13.00
95. WOLFRAMITE. Carrock Mine, Caldbeck, Cumberland. Very rich bright black bladed masses in milky quartz with rich waxy creamy-yellow masses of SCHEELITE, some showing octahedral crystal faces.  $4 \times 3 \times 1\frac{1}{2}"$ , £6.50p
96. WOLFRAMITE. Wheal Unity, Gwennep, Cornwall. Rich bright black bladed mass with a little quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £1.50p
97. WOLFENITE. Sierra de los Lamentos, Chihuahua, Mexico. Fine bright orange large tabular crystals to  $\frac{1}{2}"$  in size richly scattered over matrix with a later deposit of light golden-brown small spiky ENDLICHITE crystals.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2"$ , £28.00
98. XONOTLITE. Bin Qry., Huntley, Aberdeen, Scotland. Rich silky creamy-white fibrous vein  $\frac{1}{4}"$  thick covering granite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £6.50p
99. META-ZEUNERITE. Wheal Edward, St. Just, Cornwall. Small bright green tabular crystals lining cavities in cellular limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £4.75p

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Our apologies for the delay in sending out this month's list - we were away on an extended collecting trip in the north of England which proved very successful, and we will be offering fine specimens resulting from this trip on the next listing.



ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

JUNE 1978

1. ALMANDINE GARNET. Deer Creek, Lemhi Co., Idaho, U.S.A. Lustrous red glassy crystal sections to  $\frac{1}{4}$ " in diameter richly scattered in blackish biotite gneiss.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p.
2. ANATASE. Tysse, Norway. Fine sharp deep bluish crystals to 5 mm in size richly scattered on three sides of a clear well formed Quartz crystal.  $3\frac{1}{2}$ " long by  $\frac{1}{4}$ " across the axis. £22.00
3. APATITE. Colcerrow Tny., Luxulyan, Cornwall. Specimen A: Well formed translucent pale blue chunky single hexagonal crystal.  $\frac{1}{2}$ " long by 1 cm across the axis. £2.25p. Specimen B: Sharp clear pale greenish hexagonal crystals to 4 mm in size scattered on creamy Feldspar.  $1 \times 2$ ", £1.75p
4. ARSENIOPLEITE. Sjögruva, Sweden. Rich light reddish masses on and in a dark matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £2.50p.
5. ARSENOPYRITE. Parral, Chihuahua, Mexico. Specimen A: Fine bright silvery sharp crystals to  $\frac{1}{2}$ " in size thickly encrusting a cellular matrix with odd small milky Quartz crystals.  $4 \times 2\frac{1}{2} \times 2$ ", £23.00. Specimen B: Fine bright silvery sharp crystals to 1 cm in size richly covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00. Specimen C: Bright silvery sharp crystals to  $\frac{1}{2}$ " in size covering matrix with a little greyish needly amesonite.  $3 \times 2$ ", £7.00. Specimen D: Select cluster of intergrown bright silvery sharp crystals to  $\frac{1}{2}$ " in size with a little Quartz.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
6. ATACAMITE. Mina la Farola, Copiapo, Chile. Specimen A: Bright green bladed crystals to 5 mm in length richly scattered on greenish Chrysocolla covering matrix.  $3\frac{1}{2} \times 2$ ", £6.50p. Specimen B: As specimen A, but not quite so rich in Atacamite,  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p.
7. AXINITE. Botallack Head, St. Just, Cornwall. Specimen A: Select lustrous clove-brown sharp crystals to 1 cm in size thickly covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen B: Lustrous sharp clove-brown crystals to over  $\frac{1}{4}$ " in size thickly lining a  $1 \times 1$ " cavity in matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
8. AZURITE. Chessy, Rhone, France. Fine bright blue well formed crystals to 5 mm in size richly scattered all over and in cavities in cellular brown limonitic matrix with a little greenish MALACHITE in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £11.00
9. BARYTES. Force Crag Mine, nr. Keswick, Cumberland. Select cluster of sharp lustrous creamy bladed crystals to  $1\frac{1}{2}$ " in size.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
10. BENITOITE. San Benito Co., California, U.S.A. Light blue sharp crystal 1 cm in size implanted on matrix with a little white Natrolite and a blackish crystal section of Neptunite 3 mm in length.  $1 \times 1$ ", £4.50p

11. BELDANTITE. Penberthy Croft Mine, St. Hilary, Cornwall. Sharp lustrous light olive coloured crystals mostly around 1 mm in size richly scattered in cavities in gossany matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £6.50p
12. BORNITE. Wheal Cock, St. Just, Cornwall. Very rich purple-blue masses associated with creamy crystalline Calcite matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p
13. BRANDTITE. Harstig Mine, Wermland, Sweden. Creamy-white platy crystals and crystal masses aggregated in cavities in Schefferite matrix.  $2 \times 1$ " , £3.50p
14. BROCHANTITE. Mina la Fardola, Copiapo, Chile. Bright green silky radiated tufts of needly crystals richly covering deep bluish Chrysocolla on matrix. Very attractive specimen.  $3 \times 1\frac{1}{2} \times 1$ " , £13.00
15. CALCITE. Cammock Cals Mine, Weardale, Co. Durham. Fine large creamy sharp platy crystals to over 2" in size, free standing on quartz matrix with a light dusting of Pyrites in places, with the reverse side of the specimen covered with lustrous milky Quartz crystals to  $\frac{1}{4}$ " in size. Very attractive specimen for display.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ " , £11.00
16. CALCITE. Millclose Mine, near Matlock, Derbyshire. Fine large doubly terminated translucent creamy-yellow Scalenohedral crystal. Choice display specimen.  $6 \times 3\frac{1}{2} \times 2\frac{1}{2}$ " , £14.00
17. CALCITE. Levant Mine, Pendeen, Cornwall. Choice creamy-white rosettes of platy crystals to  $\frac{1}{2}$ " in size scattered on matrix with odd sharp dark grey CHALCOCITE crystals to 5 mm in size.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £7.00
18. CALCITE. Croft Pit, Bigrigg, Cumberland. A well formed mostly clear heart-shaped twin crystal with odd fragments of hematite attached at the base.  $1\frac{1}{2} \times 1\frac{1}{2}$ " , £8.00
19. CASSITERITE. Lady Gwendoline Mine, Germoe, Cornwall. Very rich heavy deep brownish mass associated with quartz and a little chlorite. An old label is attached to the specimen.  $5\frac{1}{2} \times 3 \times 2$ " , £6.50p
20. CASSITERITE. Wheal Metal, Breage, Cornwall. Select light brown parallel bands of fibrous 'wood tin' cutting a dark slaty matrix with a little quartz. The specimen has been cut and polished to show the structure to best effect.  $3 \times 2$ " , £4.50p
21. CASSITERITE. Drakewalls Mine, Gunnislake, Cornwall. A large sharp deep brown lustrous crystal  $\frac{1}{2}$ " in size implanted on chloritised slate matrix with a little quartz. One side of the specimen is encrusted with micro sparkling CHILDRENITE crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £7.00
22. CATALEIITE. Hedrum, Vestfold, Norway. Rich orange-brown masses in matrix with minor blackish bladed Aegirine and feldspar and Astrophyllite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £2.25p
23. CERUSSITE. Mibladen, nr. Midelt, Atlas Mts., Morocco. Specimen A: Large translucent glassy slightly smoky twinned crystals to 1" in size aggregated and scattered on pinkish bladed Barytes matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £14.00. Specimen B: Fine sharp twinned slightly smoky translucent crystals to nearly  $\frac{1}{2}$ " in size dotted on bladed barytes matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £6.50p. Specimen C: Fine transparent sharp twinned crystals to  $\frac{1}{2}$ " in size aggregated on one end of pinkish platy crystallised barytes matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p
24. CHABAZITE. Rubendorf, Bohemia, C.S.S.R. Intergrown lustrous creamy sharp crystals to 1 cm in size covering basalt matrix.  $3 \times 2$ " , £3.50p
25. CHALCOCITE. Tincroft Mine, Illogan, Cornwall. Unusual elongated dark grey needly crystals to 8 mm in length richly scattered all over a cellular chlorite/quartz veinstuff.  $4\frac{1}{2} \times 3$ " , £23.00
26. CHALCOPYRITE. French Creek, Chester Co., Pennsylvania, U.S.A. Select brassy skeletal crystals to  $\frac{1}{2}$ " in size richly intergrown on magnetite matrix with odd sharp octahedral Pyrites crystals.  $5\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " , £24.00
27. CHALCOSIDERITE. Phoenix Mine, Linkinhorne, Cornwall. Deep greenish crystals and crystal aggregates richly lining cavities in gossany limonitic matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £3.25p
28. CHRYSOTILE. Asbestos, Quebec, Canada. Fine silky greenish vein  $\frac{1}{4}$ " thick cutting serpentine matrix.  $4 \times 2\frac{1}{2} \times 2\frac{1}{2}$ " , £4.50p



29. CLINOCLASE. Wheel Gorland, St. Day, Cornwall. Select bluish small sharp crystals richly lining cavities in cellular quartz with a little Olivenite in association.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £5.50p
30. NATIVE COPPER. Santa Rita, New Mexico, U.S.A. Fine bright metallic dendritic fern-like sheet covering matrix.  $3 \times 2\frac{1}{4}$ ", £8.00
31. NATIVE COPPER. Tincroft Mine, Illogan, Cornwall. Very rich pure cellular crystal mass with a little milky quartz attached in places.  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £11.00
32. NATIVE COPPER. South Caradon Mine, St. Cleer, Cornwall. Rich pure cellular masses of spiky crystals, some with a little matrix attached. Samples each approx  $1\frac{1}{2} \times 1\frac{1}{2}$ " in size, £2.50p each.
33. COBALTITE. Hakensbo, Vestmenland, Sweden. Sharp silvery cubic crystal 5 mm in size partially embedded in pyrrhotite matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £4.50p
34. CUPRITE. North Wheel Gasset, nr. Redruth, Cornwall. Rich lustrous maroon coloured cellular mass of intergrown octahedral crystals to 3 mm in size with minor quartz in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
35. CUPRITE. Wheel Gorland, St. Day, Cornwall. Bright reddish sharp octahedral crystals scattered in cavities in light brownish matrix. Crystals range up to 3 mm in size.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p.
36. DANALITE. Yxsjöberg, Wermland, Sweden. Rich deep reddish masses scattered in matrix with a little pyrrhotite and fluorite. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $2 \times 1 \times 1$ ", £1.50p
37. DANBURITE. Mine la Oufa, Chercoas, San Luis Potosi, Mexico. Fine sharp lustrous creamy terminated crystals to nearly  $\frac{2}{2}$ " in length completely covering and free-standing on matrix, with odd bright brassy sharp twinned CHALCOPYRITE crystals to 1 cm in size in association.  $3 \times 2\frac{1}{4}$ ", £23.00
38. DEMANTOID GARNET. Val Malenco, Sondrio, Italy. Lime-green sharp crystals to 3 mm in size scattered on serpentine matrix with creamy Asbestos in association.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.50p
39. BOLOMITE. Trepcas, Yugoslavia. Fine sharp creamy coloured crystals to  $\frac{1}{2}$ " in size very richly covering sphalerite/quartz matrix with sharp clear Quartz crystals to  $\frac{1}{2}$ " in length, brassy Pyrites crystals to  $\frac{1}{4}$ " in size, and creamy nail-head Calcite crystals to over  $\frac{1}{4}$ " in size in association. Choice specimen for display.  $5 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £13.00
40. DUNDASITE. Retteingraben, Carinthia, Austria. Creamy-white velvety crystal masses lining cavities in Siderite matrix with a little silvery-grey Dournonite in places.  $3 \times 2 \times 1\frac{1}{4}$ ", £4.50p
41. ECKERMANNITE. Norra Kerr, Sweden. Rich greenish bladed masses intergrown with calcite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
42. ENARGITE. Butte, Silver Bow Co., Montana, U.S.A. Fine bright silvery-grey sharp crystals to  $\frac{1}{4}$ " in size thickly lining large cavities in crystalline enargite matrix with odd small crystals of brassy Pyrites.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £17.00
43. EOSPHORITE. Aracuai, Minas Gerais, Brazil. Select golden brown radiated sprays of sharp terminated crystals implanted on a quartz crystal. The sprays of crystals are 8 mm in diameter with individual crystals 2-3 mm in size.  $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ", £11.00
44. EPIDOTE. Zoptau, Moravia, C.S.S.R. Bright olive green small sharp crystals richly covering a schistose matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
45. ERYTHRITE. Mt. Cobalt, Queensland, Australia. Rich bright pinkish radiated needly crystals thickly covering matrix.  $3 \times 1\frac{1}{4}$ ", £3.50p
46. FLUORITE. Rock Dandy Mine, Washington, U.S.A. Fine translucent light purple-green stepped octahedral crystals to  $1\frac{1}{2}$ " in size free standing and intergrown on milky quartz covering greenish fluorite matrix. Choice display specimen.  $5 \times 4 \times 3\frac{1}{2}$ ", £33.00
47. FLUORITE. Heights Mine, Weardale, Co. Durham. Choice bright green sharp clear interpenetrant twinned cubic crystals to over  $\frac{2}{2}$ " in size encrusting altered limestone matrix. Fine specimen of excellent colour.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £38.00

- 48. FLUORITE. Dammock Eals Mine, Weardale, Co. Durham. Specimen A: Select transparent purple interpenetrant twinned cubic crystals to  $\frac{1}{4}$ " in size scattered over small bright milky Quartz crystals, with a later partial encrustation of creamy sharp Calcite crystals to  $\frac{1}{2}$ " in size and odd bright brassy masses of Pyrites crystals to 5 mm in size.  $4 \times 3 \times 2\frac{1}{2}$ ", £11.00. Specimen B: Select light purple transparent interpenetrant twinned cubic crystals to  $\frac{1}{2}$ " in size scattered over intergrown milky pyramidal Quartz crystals to  $\frac{1}{4}$ " in size.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £5.50p
- 49. FLUORITE. West Pastures Mine, nr. Stanhope, Co. Durham. Fine mostly transparent apple green sharp cubic crystals to  $\frac{1}{2}$ " in size thickly encrusting a dome shaped brownish siderite matrix.  $3\frac{1}{2} \times 3 \times 3$ ", £13.00
- 50. FRANKLINITE. Franklin, Sussex Co., New Jersey, U.S.A. Very choice bright black sharp large octahedral crystals to over 1" in size partially embedded in calcite/crystalline franklinite matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £44.00
- 51. GALENA. Clackdens Mine, Weardale, Co. Durham. Specimen A: Fine bright silvery-grey sharp cube-octahedral crystals to nearly  $\frac{1}{2}$ " in size richly scattered over intense purple transparent Fluorite crystals to 1 cm in size, covering a cellular fluorite/galena matrix with small creamy calcite crystals covering the reverse side together with a little well crystallised Pyrites.  $5\frac{1}{2} \times 3\frac{1}{2} \times 2$ ", £33.00. Specimen B: Fine bright silvery-grey large sharp cube-octahedral crystals to 1" in size implanted on intergrown light purple cubic Fluorite crystals.  $3 \times 2 \times 1\frac{1}{2}$ ", £11.00. Specimen C: Bright silvery-grey sharp cube-octahedral crystals to  $\frac{1}{2}$ " in size forming an intergrown group with minor matrix attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
- 52. GOETHITE variety WOOD IRON. Rēstormel Royal Iron Mine, Lostwithiel, Cornwall. Rich well banded dark brown radiated masses associated with a little quartz. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p. Specimen B:  $2 \times 1\frac{1}{2} \times 1$ ", £1.50p
- 53. HEMATITE. Doscaswell Downs Mine, Pendeen, Cornwall. Reddish-brown lustrous botryoidal mass covering massive hematite.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £3.25p
- 54. HEMIMORPHITE. Broken Hill, Zambia. Fine translucent sharp terminated tabular crystals to  $\frac{1}{2}$ " in length aggregated in sprays and scattered all over cellular blackish coated limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £9.00
- 55. HISINGERITE. Grunsjogruven, Sweden. Rich blackish-grey compact mass with a little creamy calcite.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £4.50p
- 56. HOLMQUISTITE. Uto, Wexland, Sweden. Select lustrous radiated blackish bladed crystal masses in schistose matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £2.75p
- 57. IDOGRASE. Monte Somma, Vesuvius, Italy. Fine bright dark olive coloured sharp terminated crystals to 1 cm in size implanted in a 1" cavity on one end of a bladed crystalline hornblende matrix.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £17.00
- 58. ILMENITE. Itabira, Minas Gerais, Brazil. Fine bright black rose-like mass of sharp platy crystals with a little reddish-brown rod-like RUTILE scattered in places.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £33.00
- 59. INESITE. Hale Creek Mine, Trinity Co., California, U.S.A. Specimen A: Fine bright pink sharp terminated crystals to 1 cm in size thickly lining a  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity in matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £16.50p. Specimen B: Fine bright pink sharp crystals to  $\frac{1}{4}$ " in size thickly covering and lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen C: Fine bright pink sharp crystals to 4 mm in size lining large cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
- 60. KIDWELLITE. Coon Creek, Polk Co., Arkansas, U.S.A. Light olive-green botryoidal mass covering reddish-brown BERAUNITE on iron matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
- 61. KNEBELITE. Svartbergsgruven, Sweden. Rich heavy resinous brownish mass.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p.
- 62. LEPIDOLITE. Tordal, Telemark, Norway. Select lavender coloured platy crystal mass with a little quartz.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £1.25p
- 63. LEUCITE. Viterbo, near Rome, Italy. Sharp creamy-white crystals to  $\frac{1}{2}$ " in size scattered and partially embedded in matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.50p
- 64. LIBETHENITE. Wheal Basset, Illogon, Cornwall. Specimen A: Sparkling olive-green micro crystals covering large areas of chalcocite rich matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B: Small sharp olive-green crystals lining cavities in quartz.  $2 \times 1\frac{1}{2}$ ", £3.25p



65. LIROCONITE. Wheal Gorland, St. Day, Cornwall. Select bright blue sharp crystals to 4 mm in size thickly covering matrix.  $1 \times \frac{1}{4}$ ", £13.00
66. NATIVE MERCURY. Healdsburg, Sonoma Co., California, U.S.A. Silvery globules richly scattered on and in quartz/pyrites matrix with a little reddish Cinnabar and Tiemannite.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £7.00
67. MOLYBDOSCHEELITE. Elgfall, Sweden. Lustrous creamy masses scattered in massive orangy-brown garnet matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
68. NEPTUNITE. San Benito Co., California, U.S.A. Specimen A: Very choice large sharp terminated blackish crystals to 1" in size richly scattered over and protruding from whitish natrolite on altered serpentine matrix. Fine specimen for museum display.  $4 \times 2 \times 1\frac{1}{2}$ ", £110.00. Specimen B: Fine sharp terminated elongated blackish crystal  $1\frac{1}{2}$ " in length protruding from whitish natrolite on serpentine matrix, with several smaller Neptunite crystals.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £23.00. Specimen C: Fine sharp terminated blackish crystals to  $\frac{3}{4}$ " in length scattered over natrolite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00. Specimen D: As specimen C, with crystals to  $\frac{1}{2}$ " in size,  $1\frac{1}{4} \times 1 \times 1$ ", £11.00. Specimen E: As specimen D, with crystals to  $\frac{1}{4}$ " in size,  $1\frac{1}{2} \times 1$ ", £4.50p.
69. PARATADAMITE. Levant Mine, Pendeen, Cornwall. Rich crust of sparkling green micro crystals on hematite/chalcocite veinstuff.  $2\frac{1}{2} \times 2$ ", £4.50p
70. PEROVSKITE. San Benito Co., California, U.S.A. Specimen A: Large sharp lustrous black crystals to 5 mm in size scattered on matrix with small sharp octahedral MAGNETITE crystals.  $2 \times 1\frac{1}{4}$ ", £8.00. Specimen B: Sharp blackish crystals to 3 mm in size scattered on matrix with minute Magnetite crystals and a little Andradite garnet.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
71. PLUMBOFERRITE. Jakobsberg, Sweden. Very rich black platy crystalline masses associated with granular black Magnetite and a little calcite.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £11.00
72. PSEUDOMALACHITE. Old Gunnislake Mine, Gunnislake, Cornwall. Rich dark green masses and veinlets associated with milky quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p
73. PYRITES. Rio Marina, Elba, Italy. Specimen A: Choice very bright brassy sharp pyritohedral crystal  $1\frac{1}{4}$ " in diameter implanted on platy black Specularite matrix with other Pyrites crystals.  $3 \times 2\frac{1}{4} \times 2$ ", £11.00. Specimen B: Fine sharp bright brassy single pyritohedral crystals with smaller crystals attached in places. Each approx  $\frac{1}{4} \times \frac{1}{4}$ ", £1.50p each.
74. QUARTZ. Morro Velho goldmine, Minas Gerais, Brazil. Fine mostly clear sharp terminated crystals to  $1\frac{1}{2}$ " in length forming an intergrown group with odd small sharp brassy PYRRHOTITE crystals, and much lenticular creamy DOLMITE crystals on the reverse side. Nice display specimen.  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £17.00
75. QUARTZ. Blackdene Mine, Weardale, Co. Durham. Select lustrous creamy-white large sharp pyramidal crystals to  $1\frac{1}{4}$ " in size forming an intergrown group with odd sharp brassy cubic PYRITES crystals scattered on it. The reverse side shows several light purple cubic FLUORITE crystals to 1" in size and Pyrites crystals to  $\frac{1}{4}$ " in size.  $7\frac{1}{2} \times 6 \times 2$ ", £14.00
76. RHODOCHROSITE. Felsobanya, Rumania. Small sharp light pink saddle-shaped crystals completely covering both sides of quartz matrix. Very attractive specimen.  $6 \times 4 \times 1\frac{1}{2}$ ", £33.00
77. ROSASITE. Mina Ojuela, Durango, Mexico. Rich light greenish botryoidal velvety masses richly lining large cavities in cellular brown limonitic matrix.  $3\frac{1}{2} \times 3 \times 2\frac{1}{4}$ ", £6.50p
78. ROSENDSCHITE. Norra Karr, Sweden. Divergent creamy coloured bladed crystalline masses scattered through a dark matrix.  $2 \times 1\frac{1}{4}$ ", £3.25p
79. SCHEELITE. Choon Su, Chungchongpukdo, Korea. Fine very large lustrous sharp brownish single crystal. Largest crystal face 2", overall size of specimen  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £38.00
80. SIDERITE. Tincroft Mine, Illogan, Cornwall. Lustrous light brown sharp octahedral appearing crystals to  $\frac{1}{4}$ " in size scattered on cellular hematite/quartz.  $1\frac{1}{4} \times 1\frac{1}{2}$ ", £2.50p
81. SPHALERITE. Coalcleugh Mine, nr. Nenthead, Cumberland. Specimen A: Fine large plate of sharp bright black intergrown crystals to 1 cm in size with a partial overlay of creamy Calcite crystals.  $6 \times 5 \times 1\frac{1}{4}$ ", £16.50p. Specimen B: Select intergrown group of lustrous black crystals to  $\frac{1}{4}$ " in size.  $4 \times 3$ ", £6.50p

- 82. SPHALERITE. Wheal Jane, Kea, Cornwall. Lustrous black well formed crystals to 8 mm in size scattered over matrix with a little pyrites and unusual red-tipped elongated QUARTZ crystals to 1/2" in length. 3 1/2 x 2 1/2", £6.50p
- 83. STILBITE. Drain, Oregon, U.S.A. Choice creamy-white sharp sheaf-like crystals to 1 1/2" in length thickly encrusting both sides of matrix. 4 1/2 x 2 1/2", £6.50p
- 84. STILBITE. Mullaley, N.S. Wales, Australia. Very choice large sharp orangey coloured sheaf-like crystals to 1 1/2" in size free standing and scattered on intergrown smaller stilbite crystals with a little radiated sparkly Quartz in association. Fine display specimen. 4 1/2 x 3 1/2 x 1 1/2", £44.00
- 85. TARBÜTTITE. Broken Hill, Zambia. Specimen A: Fine sharp transparent crystals mostly around 2-4 mm in size thickly scattered over and lining cavities in cellular brown limonitic matrix with odd rod-like creamy PHOSPHORHYLLITE crystals to 4 mm in size. 3 1/2 x 1 1/2 x 1 1/2", £16.50p. Specimen B: Fine lustrous clear sharp crystals to 3 mm in size thickly covering large areas of limonitic matrix. 2 1/2 x 1 1/2 x 1 1/2", £8.00. Specimen C: Bright sharp clear crystals to 2 mm in size thickly lining large cavities in cellular matrix. 1 1/2 x 1 1/2", £3.25p
- 86. TENERITE. Askagen, Sweden. Rich creamy-white crusts covering CERITE matrix. 2 1/2 x 1 1/2 x 1 1/2", £4.50p
- 87. TOPAZ. Diamond Rocks, Mourne Mts., Co. Down, N. Ireland. Sharp clear terminated crystal 6 mm in size implanted in a 1/4" cavity in microlitic granite with creamy feldspar and small smoky quartz crystals. 2 x 2 x 1 1/2", £3.25p
- 88. META-TORBERNITE. Old Gunnislake Mine, Gunnislake, Cornwall. Specimen A: Choice bright green platy crystal masses to 8 mm in size very richly scattered over granite matrix. 4 1/2 x 3 1/2", £13.00. Specimen B: Thin bright green platy crystals to 5 mm in size scattered on quartz matrix. 3 1/2 x 2 1/2 x 1", £4.50p
- 89. TORBERNITE. Musonoi, Katanga, Zaire. Fine bright green sharp platy crystals to 1/4" in size intergrown on a 1/4 x 1/2" area of cellular quartz/psilomelane matrix. 1 1/2 x 1", £8.00
- 90. TURQUOISE. Punny Mine, nr. St. Austell, Cornwall. Rich very bright blue masses associated with minor quartz and altered granite. This material is amongst the nicest yet found in Cornwall. Specimen A: 4 1/2 x 2 1/2 x 1 1/2", £5.50p. Specimen B: 2 1/2 x 1 1/2 x 1 1/4", £3.25p. Specimen C: 1 1/4 x 1 x 1", £1.50p
- 91. WITHERITE. Settlingstones Mine, Hexham, Northumberland. Select intergrown group of lustrous creamy-white pyramidal crystals to over 1/2" in size on massive witherite. 3 x 2 x 1 1/2", £6.50p
- 92. WOLFRAMITE. Hingston Down, Gunnislake, Cornwall. Rich black bladed crystalline masses in milky quartz with a little silvery Arsenopyrite in association. Specimen A: 3 x 2 x 1 1/2", £3.25p. Specimen B: 2 1/2 x 1 1/2 x 1 1/2", £2.50p
- 93. WOODHOUSEITE. White Mt., Mono Co., California, U.S.A. Specimen A: Select sharp creamy coloured crystals to 4 mm in size richly scattered in cavities in milky quartz with odd quartz crystals in places. 3 1/2 x 2 1/2 x 1 1/2", £13.00. Specimen B: As specimen A, 2 1/2 x 2 x 1 1/2", £8.00. Specimen C: Small sharp creamy crystals to 3 mm in size scattered on milky quartz. 2 1/2 x 2 x 1", £4.75p. Specimen D: Sharp creamy crystals to 3 mm in size scattered along one side of milky quartz matrix. 2 x 1 1/2", £2.50p
- 94. BELEMNITES - from the Oxford clay, Dedford, Jurassic age. Fine sharp clean specimens in good condition, each approx 4 1/2" long, £2.25p each.

INTERNATIONAL GEM, MINERAL AND CRAFT FAIR - Portsmouth Centre Hotel, Portsmouth, Hampshire.  
 7th-10th July (1pm - 6pm on the 7th, and 10am - 6pm on the 8th, 9th and 10th)

We shall be attending this Show, and our stand numbers are 12 and 13. We look forward to meeting you there if you are able to come, and apart from the general specimens on sale we shall have many fine and interesting Cornish pieces and some choice Pyromorphites from our recent mining operations in Cumberland.



RICHARD W. BARSTOW  
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Gunnislake, Cornwall, England.

Tel.No.: Gunnislake 832381  
(STD 0822)

V.A.T.No.: 132-7852-67

ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

JULY 1978

1. ALTHAUSITE. Bukerud, Norway. Rich deep reddish-brown mass associated with muscovite mica.  $3 \times 2$ ", £4.50p
2. ANDRADITE GARNET. Belstone Consols Mine, Sticklepath, Devon. Bright olive coloured sharp crystals to 5 mm in size encrusting matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.50p
3. ANDRADITE GARNET. Junnila Mines, San Benito Co., California, U.S.A. Specimen A: Very bright sharp crystals mostly around 2-3 mm in size thickly covering matrix. Bright and attractive specimen.  $4 \times 3\frac{1}{2}$ ", £17.00. Specimen B: Small bright olive coloured crystals covering large areas of matrix.  $3 \times 2$ ", £4.50p. These specimens are the variety of Andradite known as TOPAZOLITE.
4. ANGLESITE. Monte Ponì, Iglesias, Sardinia. Specimen A: Sharp transparent to translucent twinned crystals to  $\frac{1}{4}$ " in size thickly lining a 1" cavity in Galena matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B: Sharp creamy twinned crystals to over  $\frac{1}{4}$ " in size intergrown on matrix.  $1\frac{1}{2} \times 1$ ", £5.50p. Specimen C: Sharp creamy twinned crystals to 5 mm in size intergrown on a  $\frac{1}{2}$ " area on matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
5. APATITE. St. Gotthard, Ticino, Switzerland. Sharp transparent crystals to 4 mm in size scattered over matrix with odd large chlorite coated ADULARIA crystals to over  $\frac{1}{2}$ " in size.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.50p
6. ARSENOPIRYTE. Treпча, Yugoslavia. Fine bright silvery sharp crystals to  $\frac{1}{4}$ " in size, many showing interesting cross twinning, scattered over pyrite/sphalerite matrix with numerous small milky Quartz crystals, unusual stalactite-like masses of Galena to 1" in size, odd large bright black Sphalerite crystals to over  $\frac{1}{2}$ ", and a little Calcite and Pyrites. Specimen is attractive for display.  $5 \times 4\frac{1}{4} \times 1\frac{1}{2}$ ", £38.00
7. ARTINITE. Clear Creek, San Benito Co., California, U.S.A. Fine snow-white radiated needle crystals completely covering altered serpentine matrix.  $3\frac{1}{2} \times 2$ ", £8.00
8. ASBGFERRITE. Drunsjogruven, Sweden. Rich fibrous golden mass associated with minor matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.50p
9. AUTUNITE. South Terras Mine, St. Stephen, Cornwall. Pale green flakes and masses scattered on slightly smoky quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.25p
10. AZURITE. Tsumeb, Otavi, S.W. Africa. Fine lustrous bright blue sharp crystals to 1 cm in size intergrown on a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area of crystalline azurite/cerussite matrix with a little greenish Malachite in places.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £18.00
11. AZURITE. Sir Domonic Mine, Mt. Painter, S. Australia. Select cluster of large light blue tabular crystals to over  $\frac{1}{2}$ " in size slightly altered to greenish Malachite in places.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £5.50p

12. AZURITE. El Cobre, Concepcion del Oro, Zacatecas, Mexico. Small bright blue sharp crystals scattered over slightly amethystine quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
13. BARYTES. Pallafiat, nr. Egremont, Cumberland. Fine mostly transparent delicate platy tabular crystals to 1" in size completely covering both sides of limonitic matrix with numerous clear CALCITE crystals to  $\frac{1}{4}$ " in size in association. Fine old specimen.  $3\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £23.00
14. BARYTES. Mt. Wellington Mine, Twelveheads, Cornwall. Specimen A: Lustrous creamy-grey sharp tabular crystals to 1 cm in size aggregated in clusters and scattered all over cellular chalcopyrite matrix.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £6.50p. Specimen B: As specimen A, but with the crystals forming an intergrown mass.  $1\frac{1}{2} \times 1 \times \frac{3}{4}$ ", £3.50p
15. BARYTOCALCITE. Nentsberry Mine, Alston Moor, Cumberland. Fine lustrous golden-brown sharp crystal spears to  $\frac{1}{2}$ " in size thickly lining cavities in crystalline creamy-white witherite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
16. BARYTOCALCITE. Nentsberry Mine, Alston Moor, Cumberland. Select sharp tabular crystals to  $\frac{1}{2}$ " in size forming rosette-like masses and coated with a thin crust of creamy-white Barytes, covering a  $3 \times 2$ " area of matrix. This specimen is entirely different in firm to no. 15, and came from a large solitary cavity in the vicinity of the Admiralty Flats.  $3\frac{1}{2} \times 3\frac{1}{2} \times 2$ ", £7.00
17. BAYLDONITE. Wheal Carpenter, Gwinear, Cornwall. Very rich light green cellular crystalline mass with a little milky quartz.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
18. BERYL. Ankazobe, Madagascar. Lustrous translucent sea-green hexagonal crystal section  $1\frac{1}{2}$ " long by 1 cm across the axis, embedded in quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
19. BISMUTHINITE. George & Charlotte Mine, nr. Tavistock, Devon. Very rich silvery-grey bladed crystalline masses associated with a little quartz, chalcopyrite and chlorite. Specimen A:  $2 \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £6.50p. Specimen B:  $1\frac{1}{4} \times 1 \times \frac{3}{4}$ ", £2.75p
20. BOURNONITE. Julcani Mine, Junin Prov., Peru. Sharp bright silvery-grey metallic twinned crystals to 4 mm in size scattered over both sides of a crystallised quartz matrix with a little pyrites in places.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £14.00
21. CALCITE. Tsumeb, Otavi, S.W. Africa. Fine transparent sharp rhombic crystal  $1\frac{1}{4}$ " in size implanted on matrix with crusts of light greenish DUFTITE. Attractive little specimen.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
22. CASSITERITE. Kinta Valley, Malaya. Select heavy crystalline mass of unusual light brown to creamy-white cassiterite, showing an interesting banded colour zoning in places.  $3 \times 2\frac{1}{2} \times 2$ ", £16.50p
23. CASSITERITE. Blue Hills Mine, St. Fries, Cornwall. Lustrous deep brown sharp crystals mostly around 4-5 mm in size encrusting matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £3.25p
24. CASSITERITE - alluvial tin. Breany Moor, Lanlivery, Cornwall. Solid water-worn rounded brownish pebble.  $1 \times 1$ ", £1.50p
25. CHALCOHITE. Trenwith Mine, St. Ives, Cornwall. Very rich heavy deep grey mass with a little sphalerite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £2.25p
26. CHALCOPYRITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. Fine bright golden sharp crystals to  $\frac{1}{4}$ " in size richly scattered over sharp creamy dog-tooth CALCITE crystals to 1 cm in size, with a little dark brownish limonite.  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ", £11.00
27. CHURCHITE. Gausalith, Marin Co., California, U.S.A. Creamy-white micro crystallised crust covering areas of limonitic matrix.  $1\frac{1}{4} \times \frac{3}{4}$ ", £2.25p
28. CLINOCLASE. Wheal Gorland, St. Day, Cornwall. Lustrous deep blue crystals and crystal masses to 3 mm in size richly lining cavities in cellular quartz with a little crystallised OLIVENITE.  $1\frac{1}{2} \times 1 \times 1$ ", £5.50p
29. CONNELLITE. Perran St. George Mine, Perranzabuloe, Cornwall. Rich light blue pure banded fibrous masses. Each approx  $1 \times 1$ ", £2.25p each.
30. NATIVE COPPER. Wolverine Mine, Keweenaw Pen., Michigan, U.S.A. Heavy solid hackly bright metallic mass with odd patches of NATIVE SILVER.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
31. NATIVE COPPER. Carharrack Mine, Gwennap, Cornwall. Tarnished metallic branching dendritic crystalline plate.  $3\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00



32. CUPRITE. Bogoslovsk, Ural Mts., Russia. Lustrous deep red sharp crystals to 4 mm in size scattered along one side of quartz matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £13.00
33. CUPRITE. Wheal Damsel, Guennap, Cornwall. Small sharp deep red octahedral crystals richly covering both sides of cellular quartz veinstuff.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £11.00
34. DIOPHASE. Tsumeb, Otavi, S.W. Africa. Fine bright emerald green sharp crystals to over  $\frac{1}{2}$ " in size attractively scattered and free standing on creamy calcite covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00
35. ELBAITE (variety of Tourmaline). Varutrask, Vasterbotten, Sweden. Light olive-green striated elongated crystal sections to over 1" in length richly embedded in pegmatite.  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
36. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Specimen A: Transparent pale purple to yellowish sharp cubic crystals to  $\frac{3}{4}$ " in size forming an intergrown group with small Quartz, Calcite and light brown Siderite crystals scattered on them, and also odd bright brassy Chalcopyrite crystals to  $\frac{1}{4}$ " in size.  $3 \times 2 \times 1$ ", £6.50p. Specimen B: Light purple transparent sharp cubic crystals to  $\frac{3}{4}$ " in size forming an intergrown cluster. The crystals show internal 'ghosting'.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £5.50p
37. GALENA. Naica, Chihuahua, Mexico. Very bright sharp complex crystals to 8 mm in size richly scattered all over a cellular matrix with small bright brassy crystals of Pyrites and a little creamy Calcite.  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £9.00
38. GARNIERITE. Noumea, New Caledonia. Rich apple green slightly botryoidal crusts covering matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1$ ", £2.50p. Specimen B:  $2 \times 1$ ", £1.25p
39. GOETHITE. Botallack Mine, St. Just, Cornwall. Small lustrous blackish sharp crystals richly scattered over a stalactitic mass of banded goethite with a little quartz in association.  $2\frac{3}{4} \times 2 \times 1$ ", £4.50p
40. NATIVE GOLD. Witwatersrand, Transvaal, S. Africa. Specimen A: Rich light golden thin plates and hackly masses covering areas of 'banket quartz'.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £13.00. Specimen B: Rich light golden hackly masses scattered through 'banket quartz'.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p. Specimen C: Small light golden masses scattered in 'banket quartz'.  $1 \times 1$ ", £1.25p
41. HARMOTOME. Bellsgrave Mine, Strontian, Argyllshire, Scotland. Fine lustrous white sharp twinned crystals to 1 cm in size intergrown on calcite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
42. HEMATITE. Rio Marina, Isle of Elba, Italy. Sharp bright black lenticular crystals to 1" in size intergrown on crystalline hematite matrix.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
43. HEMATITE. St. Gotthard, Ticino, Switzerland. Bright black platy crystal 'roses' to 8 mm in diameter intergrown and scattered on matrix with small Adularia crystals.  $1\frac{1}{2} \times 1$ ", £6.50p
44. IDOCRASE. Val Canonica, Piedmont, Italy. Lustrous light brownish sharp crystals to  $\frac{1}{2}$ " in size scattered on matrix with a little creamy calcite.  $2\frac{1}{2} \times 2 \times 1$ ", £8.00
45. IDOCRASE. Bellecombe, Piedmont, Italy. Fine bright dark olive coloured crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ", £6.50p
46. JAMESONITE. Treore Mine, nr. Port Isaac, Cornwall. Rich bright silvery-grey metallic fibrous mass associated with milky quartz.  $3 \times 2\frac{3}{4} \times 1$ ", £4.50p
47. JAMESONITE. Julcani Mine, Junin Province, Peru. Steely-grey felted needle masses very richly covering both sides of pyrite matrix with  $Cd$  bright brassy Pyrites crystals and bright silvery-grey twinned Bournonite crystals to 3 mm in size in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
48. JAROSITE. Capo Calamita, Isle of Elba, Italy. Specimen A: Small bright sharp light brown crystals very richly covering and lining cavities in cellular matrix.  $2 \times 2 \times 1$ ", £11.00. Specimen B: Small bright sharp light brown crystals lining cavities in cellular matrix with a little creamy-yellow micro crystallised NATROJAROSITE.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00. Specimen C: As specimen A,  $1 \times 1 \times 1$ ", £4.50p. All these specimens are extremely rich examples of this mineral, which is rare in well defined crystals.
49. KINOITE. Christmas Mine, Gila Co., Arizona, U.S.A. Light blue micro crystals and crystal masses associated with small sharp Apophyllite crystals on matrix.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1$ ", £4.50p

- 50. LEVYNITE. Parkgate Qry., Templepatrick, Co. Antrim, N. Ireland. Creamy white small sharp crystals richly lining numerous cavities in basalt matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75
- 51. LIBETHENITE. Mindola Openpit, Kitwe, Zambia. Select sharp lustrous dark olive-green crystals and crystal clusters, some with minor matrix attached. Specimens each approx  $1 \times 1$  cm, £4.50p each.
- 52. MAGNETITE. Traversella, Piedmont, Italy. Bright black sharp complex crystals to  $\frac{1}{4}$ " in size richly lining cavities in cellular magnetite/calcite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
- 53. MAGNESIOFERRITE. Langban, Wermland, Sweden. Rich blackish crystalline masses and small crystals scattered through creamy dolomite matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £4.50p
- 54. MARCASITE. Parc Mine, Llanrust, Carnarvonshire, N. Wales. Bright brassy sharp lenticular crystals to 5 mm in size thickly intergrown and covering calcite.  $1\frac{1}{2} \times 1$ ", £2.25p
- 55. MILLERITE. Coedely Colliery, Llantrisant, Glamorgan, S. Wales. Light brassy reddly crystals to  $\frac{1}{4}$ " in length spanning a  $\frac{2}{4}$ " cavity in ironstone matrix with lenticular light brown Siderite crystals in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
- 56. MIMETITE. Tsumeb, Otavi, S.W. Africa. Fine lustrous light yellowish hexagonal crystal to 5 mm in size richly scattered over an unusual corroded Galena crystal with a sharp twinned creamy CERUSSITE crystal  $\frac{1}{4}$ " in size in association.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £6.50p
- 57. MINIUM. Middle Vein, Grassington Moor, Yorkshire. Light reddish masses scattered on and in Galena.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
- 58. OLIVENITE. Wheal Unity, Gwennap, Cornwall. Small bright olive-green crystals lining a  $2 \times 1$ " cavity in radiated fibrous 'wood olivenite' on brecciated quartz veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £12.00
- 59. ORTHOCLASE replaced by Kaolin. Treverbyn, Hensbarrow Moor, Cornwall. A fine sharp cross twinned creamy crystal  $2 \times 1\frac{1}{2}$ " in size partially embedded in altered granite. Good matrix specimen of this pseudomorph, which are now becoming scarce.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p
- 60. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Bright green sharp cubic crystals to 3 mm in size lining cavities in dense limonitic gossany matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
- 61. PHLOGOPIITE. Fort Dauphin, Madagascar. Bright golden brown hexagonal crystals and 'books' to over  $\frac{1}{2}$ " in size richly embedded in creamy Calcite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
- 62. PIEMONITE. Jakobsberg, Nordmark, Sweden. Rich reddish masses scattered in creamy granular dolomite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
- 63. PLANCHEITE. Mufulira Mine, Zambia. Rich light blue radiated fibrous masses intergrown with quartz and a little crystalline bright green Malachite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
- 64. PREHNITE. Habachtal, Salzburg, Austria. Small lustrous sharp glassy crystals richly scattered over sharp creamy ADULARIA crystals to 8 mm in size with a partial coating of light greenish Chlorite in places, on a gneiss matrix.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
- 65. PSEUDOMALACHITE. Swana Mkubwa, nr. Kitwe, Zambia. Solid deep green banded crystalline mass with small sharp crystals lining cavities.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
- 66. PSILOMELANE. Trebartha Lemanne, Arth Hill, Cornwall. Select blackish-grey cellular mass with a lustrous attractive botryoidal surface.  $3 \times 3 \times 1\frac{1}{2}$ ", £7.00
- 67. PYRITES. Quiruvilca, Libertad Dept., Peru. Fine bright brassy sharp striated cubic crystals to nearly  $\frac{1}{4}$ " in size forming an intergrown group with a little platy creamy crystallised Calcite, small greyish crystals of Galena and a little Sphalerite in association.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £11.00
- 68. PYRITES. Wheal Jane, Ken, Cornwall. Unusual bright brassy stalactitic mass with a botryoidal crystalline surface.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 1$ ", £2.50p



69. PYROMORPHITE. Roughtengill Mine, Coldbeck Falls, Cumberland. Specimen A: Fine lustrous bright yellowish-green sharp hexagonal crystals to  $\frac{1}{4}$ " in size very richly scattered over both sides of cellular quartz veinstuff.  $4\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £33.00. Specimen B: Fine yellowish lustrous sharp hexagonal crystals to  $\frac{1}{4}$ " in size thickly intergrown on cellular quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £24.00. Specimen C: Bright yellowish sharp lustrous hexagonal crystals mostly around 4-5 mm in size very richly intergrown and scattered on cellular quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00. Specimen D: Select lustrous yellowish-green sharp hexagonal crystals to 4 mm in size thickly covering both sides of cellular quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £11.00. Specimen E: Lustrous yellowish-green sharp hexagonal crystals to 5 mm in size forming a rich intergrown mass with minor matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.50p. These specimens are from a recent discovery at Roughtengill and are equal to the 'old-time' pyromorphite for which this mine was noted.
70. QUARTZ. Mt. Wellington Mine, Twelveheads, Cornwall. Specimen A: Fine lustrous sharp elongated terminated milky crystals to over  $\frac{1}{4}$ " in length completely covering a flat matrix. Minor coating of Pyrites in places. Good specimen for display.  $5\frac{1}{2} \times 5$ ", £9.00. Specimen B: As specimen A, but with crystals to  $\frac{1}{2}$ " in size.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £4.75p
71. SMOKY QUARTZ. Minas Gerais, Brazil. A choice clear doubly terminated crystal of good smoky colour with a moveable bubble trapped in liquid inside the crystal, which can be easily seen when the crystal is moved from side to side.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00
72. RAMMELSBERGITE. Lainejaur, Sweden. Rich silvery metallic mass thickly covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
73. RHODOCHROSITE. Iroduraishi Mine, Hokkaido, Japan. Select lustrous pink botryoidal mass thickly covering cellular rhodochrosite with odd small cubic crystals of pyrites on the reverse side.  $3 \times 2$ ", £8.00
74. RUBY CORUNDUM. Iveland, Norway. Ruby red lustrous crystal sections to  $\frac{1}{2}$ " in size embedded in mica schist.  $3 \times 1\frac{1}{2}$ ", £1.50p
75. SENARMONTITE. Djebel Hamminate, Constantine, Algeria. Select sharp single creamy-grey octahedral crystals. Each approx  $1 \times 1$  cm in size, £4.50p each.
76. SENGIERITE. Musonoi, Katanga, Zaire. Minute apple green crystalline masses and micro crystals scattered in areas on cellular malachite rich matrix with odd plates of bright green Torbernite.  $2 \times 1 \times 1$ ", £4.50p
77. SIDERITE. Morro Velho Goldmine, Minas Gerais, Brazil. Lustrous light brown sharp lenticular crystals to 1 cm in size richly scattered over matrix with platy crystals of creamy Calcite and numerous small sharp hexagonal bronzy crystals of Pyrrhotite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.75p
78. SPHALERITE. Hydraulic Shaft, Smallcleugh Mine, Nenthead, Cumberland. Very bright black sharp crystals to 1 cm in size thickly encrusting matrix. Very nice sample for display.  $5\frac{1}{2} \times 3\frac{1}{2}$ ", £12.00
79. SPHALERITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. A very large sharp bright black composite single crystal with smaller crystals attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.50p
80. SPHALERITE. Allenheads Mine, Allenheads, Northumberland. Fine bright black sharp crystals to over  $\frac{1}{4}$ " in size richly scattered over matrix with small pale purple transparent crystals of Fluorite and with a thick encrustation of lustrous creamy crystallised Dolomite and larger fluorite crystals on the reverse side.  $3\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £8.00
81. STELLERITE. Grant Co., Oregon, U.S.A. Rich translucent creamy botryoidal crystalline mass with a silky lustrous surface.  $4 \times 2$ ", £6.50p
82. STILBITE. Trummory, White Mt., Co. Antrim, N. Ireland. Lustrous creamy-white sharp bladed crystals to  $\frac{1}{2}$ " in size thickly covering a  $2 \times 1\frac{1}{4}$ " area on basalt matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
83. STILPNOCHROME. Brunsjogruven, Hellefors, Sweden. Very rich lustrous blackish pure crystalline mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p.
84. TENNANTITE. Levant Mine, Pendeen, Cornwall. Small bright silvery-grey sharp crystals lining a  $\frac{1}{2} \times \frac{1}{2}$ " cavity on one end of chalcopyrite/tennantite matrix.  $2 \times 1 \times 1$ ", £4.50p

85. **TETRAHEDRITE.** Casapalca, Junin Prov., Peru. Specimen A: Fine bright silvery-grey sharp crystals to 1 cm in size scattered over matrix with numerous bright GALENA crystals mostly around  $\frac{1}{4}$ " in size. Very rich and attractive specimen.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00. Specimen B: Bright silvery-grey sharp twinned crystals to 8 mm in size richly intergrown and scattered all over matrix with odd very bright cubic crystals of GALENA to  $\frac{1}{4}$ " in size.  $3 \times 2\frac{1}{4}$ ", £17.00. Specimen C: Bright silvery-grey sharp crystals to  $\frac{1}{4}$ " in size associated with slender transparent to milky quartz crystals and odd very bright brassy crystals of pyrites on quartz matrix.  $2 \times 2 \times 1$ ", £8.00
86. **TORBERNITE.** Wheal Edward, St. Just, Cornwall. Light greenish sharp platy crystals to 3 mm on edge richly infilling cavities in irony quartz.  $2 \times 1 \times 1$ ", £4.50p
87. **TRIPLITE.** Albravazos, Beira-Alta, Portugal. Solid pure resinous dark brown masses. Specimen A,  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
88. **TYROLITE.** Falkenstein, Tyrol, Austria. Lustrous greenish scales and platy crystals lying flat on quartzose matrix. Specimens each approx  $1 \times 1$ ", £1.25p each.
89. **VARISCITE.** Hot Springs, Garland Co., Arkansas, U.S.A. Rich bright green thick crystalline crusts and masses covering areas of and infilling cavities in a brecciated matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.50p
90. **VIRIDINE.** Västana, Skane, Sweden. Light green crystal sections to 8 mm in size embedded in schist.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £2.25p
91. **WAVELLITE.** Highdown Qry., Fillaigh, Devon. Choice silky complete radiated creamy hemispherical masses to  $\frac{1}{2}$ " in diameter richly scattered all over altered slate matrix. Rich and attractive specimen for this location.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
92. **WILLEMITE.** Tsumeb, Otavi, S.W. Africa. Transparent sharp lustrous crystals to 3 mm in size richly lining a  $2 \times 2$ " cavity in matrix with several large bright creamy sharp rhombic crystals of CALCITE to over  $\frac{1}{2}$ " in size.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
93. **WILLEMITE.** Franklin, Sussex Co., New Jersey, U.S.A. Rich lustrous apple-green masses associated with creamy Calcite and odd black crystal sections of octahedral Franklinite and odd spots reddish Zincite. Choice sample for fluorescent display.  $3 \times 2 \times 1\frac{1}{4}$ ", £4.50p
94. **WOLFRAMITE.** Carrock Mine, Carrock Fell, Cumberland. Bright black long bladed crystal sections intergrown with quartz and much creamy SCHEELITE and pale green APATITE.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
95. **YTTRITANITE.** Arendal, Aust-Agder, Norway. Rich light brownish lustrous mass with a little muscovite mica in association.  $3 \times 2 \times 1\frac{1}{2}$ ", £3.25p

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INTERNATIONAL GEM, MINERAL & CRAFT FAIR - Portsmouth Centre Hotel, Portsmouth.

Friday 7th July - 1p.m. - 6 p.m.

Saturday, Sunday, Monday 8th, 9th, 10th July - 10 a.m. - 6 p.m.

Look forward to seeing you there !

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RICHARD W. BARSTOW

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(STD 0822)

V.A.T. No.: 132-7852-67

ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

AUGUST 1978

1. ALMANDINE GARNET. Zillertal, Tyrol, Austria. Select lustrous deep reddish well formed crystals to over  $\frac{1}{2}$ " in size scattered on and embedded in chlorite schist.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00
2. ALVITE. Koeskul, Arendal, Norway. Small dark brownish resinous masses scattered in pinkish feldspar with blackish plates of biotite mica.  $2 \times 2$ ". £1.50p.
3. APATITE. Panasqueira, Beira-Beixa, Portugal. Choice transparent light greenish sharp hexagonal crystals to  $\frac{1}{4}$ " in size richly scattered over crystallised muscovite mica matrix.  $2\frac{1}{2} \times 2\frac{1}{4}$ ". £14.00.
4. APOPHYLLITE. Pogne, Nr. Bombay, India. Specimen A: Choice lustrous creamy-white sharp crystals to  $\frac{1}{4}$ " in size thickly intergrown on matrix with a little creamy radiated crystallised Laumontite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £8.00. Specimen B: Fine sharp translucent creamy-white crystal  $1\frac{1}{4}$ " in size perched on matrix with a little creamy crystallised Heulandite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p.
5. APOPHYLLITE. Usti über Labem, Bohemia, C.S.S.R. Lustrous creamy-white sharp crystals mostly around 4-5 mm in size completely covering basalt matrix.  $4 \times 3 \times 1\frac{1}{4}$ ", £5.50p.
6. ARAGONITE. Rowrah, West Cumberland. Fine creamy-white sharp spear-like crystals to  $\frac{1}{4}$ " in length intergrown and free-standing on limonitic matrix.  $3 \times 1\frac{1}{2} \times 1$ ". £5.50p.
7. AXINITE. Botallack Head, St. Just, Cornwall. Select bright sharp clove brown well terminated single crystals, ranging in size from  $\frac{1}{2}$ - $\frac{3}{4}$ ". Priced according to size and perfection from £0.40p. to £1.25p each.
8. AZURITE. Tsumeb, Otavi, S.W. Africa. Select blue well formed terminated tabular crystals to  $\frac{1}{4}$ " in length intergrown and free-standing on a  $2\frac{1}{2} \times 2$ " area of cellular matrix, with other crystals scattered in cavities. There is a little crystalline green Malachite scattered in areas of the specimen.  $5 \times 3\frac{1}{2} \times 2\frac{1}{4}$ ". £64.00.
9. AZURITE. Crowl Creek, N.S. Wales, Australia. Bright blue flattened radiated crystals richly covering a creamy sandstone matrix with odd spots of green malachite. Colourful specimen.  $2 \times 2 \times 1$ ". £6.00.
10. BARYTES. Wetgrove Mine, Ayasgarth, Yorkshire. Specimen A: Select lustrous creamy-white chisel-like crystals to  $\frac{1}{2}$ " in size free-standing on and completely covering matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00. Specimen B: Fine pale bluish transparent chisel-like crystals to  $\frac{1}{2}$ " in size covering matrix.  $3 \times 1\frac{1}{4}$ ", £4.50p.
11. NATIVE BISMUTH. Schneeburg, Saxony, Germany. Silvery-grey metallic crystalline masses associated with a little quartz and small sharp silvery crystals of CHLDRANTHITE.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £13.00.

- 12. BOTALLACKITE. Levant Mine, Pendeen, Cornwall. Specimen A: Light green lustrous well formed crystals to 2 mm in size richly scattered on chalcocite/quartz/hematite veinstuff with thin light blue micro crystallised crusts of Connellite in places. 3x2x2", £22.00. Specimen B: Light green well formed crystals to 2 mm in size scattered on hematite matrix. 1 1/2x1", £4.50p
- 13. BOULANGERITE. Mina Noche Buena, Zacatecas, Mexico. Metallic silvery-grey needle crystals richly scattered on and infilling cavities in calcite/pyrite veinstuff, with odd well formed Pyrites crystals in places. 4x1 1/2x1 1/2", £7.00
- 14. CALCITE. BlackBene Mine, Weardale, Co. Durham. Select creamy translucent sharp 'nail-head' crystals to nearly 1" in size intergrown and free-standing on matrix. Very attractive specimen. 3 1/2x2 1/2x1 1/2", £7.00
- 15. CARNOTITE. Gould Mine, Fall River Co., S. Dakota, U.S.A. Bright yellow rich crystalline crust covering sandstone matrix. 3x1 1/2x1 1/4", £6.50p
- 16. CASSITERITE. Storey's Creek, Tasmania, Australia. Specimen A: Very choice and sharp lustrous black single crystal with minor muscovite mica around it's base. 1x1 1/2x1 1/2", £17.00. Specimen B: Choice lustrous black large sharp composite crystal, 1 1/2x1", £14.00
- 17. CASSITERITE. Wheal Kitty, St. Agnes, Cornwall. Specimen A: Sharp lustrous deep brown crystals to 5 mm in size richly scattered in a 3 1/2x2" cavity in cellular chlorite/Cassiterite/Quartz veinstuff, with smaller cavities also lined with crystals. 4x3x2 1/2", £22.00. Specimen B: Lustrous dark brown sharp crystals to 4 mm in size richly lining cavities in chlorite/cassiterite/quartz veinstuff. 2 1/2x2x1 1/2", £11.00
- 18. CASSITERITE. Zinnwald, Bohemia, C.S.S.R. Select lustrous blackish sharp twinned single crystals and small crystal groups ranging in size from 1/2"-2". Priced according to size and perfection from £1.25p to £4.50p each.
- 19. CASSITERITE. Scorrier, Cornwall. Very rich light brown crystalline masses associated with milky quartz and a little chlorite. An old label is attached to the specimen. 3 1/2x2 1/2x1 1/2", £4.50p
- 20. CATAPLEIITE. Norra Kerr, Örebro, Sweden. Rich light brownish resinous masses associated with creamy calcite in matrix. 2x2x1 1/4", £3.25p
- 21. CERULEITE. Wheal Gorland, St. Day, Cornwall. Specimen A: Rich light sky-blue crystalline crusts covering areas of milky quartz. 3 1/2x2x1 1/4", £7.00. Specimen B: Rich sky-blue radiated crystalline masses lining small cavities in cellular veinstuff. 1 1/2x1 1/2x1", £4.50p
- 22. CHALCEDONY replacing OCTAHEDRAL FLUORITE. Wheal Mary Ann, Menheniot, Cornwall. Specimen A: Select creamy-white sharp octahedral fluorite crystals to over 3/4" in size completely replaced by creamy chalcedony, intergrown on massive chalcedonic quartz matrix. Unusually sharp replacement. 3x3x2", £8.00. Specimen B: Creamy-white replaced octahedral crystals to 1 cm in size thickly intergrown on matrix. 3x2x1", £4.50p
- 23. CHALCOCITE. West Wheal Basset, Illogan, Cornwall. Well formed skeletal hexagonal crystals partially altered to bornite, and mostly around 3-4 mm in size, richly scattered on and lining cavities in cellular chlorite/quartz veinstuff. 4 1/2x3x2", £14.00
- 24. CHALCOPYRITE. Mt. Wellington Mine, Twelveheads, Cornwall. Iridescently larnished small sharp crystals to 3 mm in size scattered on matrix with a little quartz. 2 1/2x1 1/4x1", £1.50p
- 25. CHILDRENITE. George & Charlotte Mine, nr. Tavistock, Devon. Specimen A: Sharp sparkling golden-brown crystals to 2 mm in size lining cavities in cellular matrix. 2 1/2x1 1/4x1", £4.75p. Specimen B: Small sparkling golden-brown crystals lining cavities in siderite matrix. 1 1/4x1 1/4x1 1/2", £3.50p
- 26. META-CINNABAR. New Almaden, Santa Clara Co., California, U.S.A. Select lustrous blackish sharp crystals to 3 mm in size very richly covering quartzose matrix. Very rich example of this mineral. 3 1/2x2 1/2x2", £18.00
- 27. NATIVE COPPER. Poldory Mine, Bwennep, Cornwall. Rich coppery coloured ramifying crystalline mass with small well formed crystals covering surfaces in places, and with minor fragments of slate attached. 3x2 1/2x1", £8.00



- NATIVE COPPER. Mufulira Mine, Zambia. Specimen A: Choice bright coppery reniform well crystallised mass, with crystals to  $\frac{1}{4}$ " in size.  $3\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00. Specimen B: Fine bright coppery pure mass of sharp branching crystals, with individual crystals to 5 mm in size.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ", £8.00
29. CORNETITE. Buena Mkuba, Ndola, Zambia. Rich crust of minute deep blue sparkling crystals covering matrix with minor malachite in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.50p
30. CUPRITE. Broken Hill, N.S. Wales, Australia. Deep reddish well formed cubic crystals to 4 mm in size intergrown on one side of a heavy mass of cuprite and crystalline Native Copper.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
31. CUPRITE. North Wheal Bassett, Illogan, Cornwall. Small sharp octahedral crystals to 3 mm in size lining cavities in a cellular mass of cuprite/quartz.  $2 \times 1\frac{1}{2} \times \frac{1}{2}$ ", £4.50p
32. DATOLITE. Santa Eulalia, Chihuahua, Mexico. Very choice lime-green sharp transparent crystals to  $\frac{1}{4}$ " in size forming an intergroup with odd small blackish crystals of Sphalerite in association.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £23.00
33. DIOPHASE. Mindouli, Niari River, Zaire. Bright emerald-green sharp crystals to 5 mm in size lining a  $1\frac{1}{2} \times 1$ " cavity in massive crystalline diopase with other smaller cavities also lined with bright crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
34. DOLOMITE. Thorold, Ontario, Canada. Lustrous light pinkish sharp saddle-shaped rhombic crystals mostly around  $\frac{1}{4}$ " in size thickly lining a dash-shaped cavity in matrix with odd minute chalcocopyrite and BRAVOITE crystals scattered on the dolomite.  $3\frac{1}{2} \times 3 \times 2$ ", £7.00
35. DUFRITE. Tsameb, Otavi, S.W. Africa. Rich olive-green minute crystals and crystalline masses associated with glassy twinned large CERUSSITE crystals to  $\frac{1}{4}$ " in size.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
36. ENARGITE. Quiruvilca, Libertad Dept., Peru. Specimen A: Very fine bright silvery-grey metallic sharp terminated crystals mostly around  $\frac{1}{4}$ " in size richly covering matrix with odd silvery-grey well formed TETRAHEDRITE crystals to 5 mm in size in association.  $3 \times 2\frac{1}{2} \times 1$ ", £23.00. Specimen B: As specimen A,  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00. Specimen C: Bright silvery-grey sharp terminated crystals to  $\frac{1}{4}$ " in size associated with well formed pyritohedral crystals of pyrites to  $\frac{1}{4}$ " in size on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
37. EPIDOTE. Montjouet, Val d'Aosta, Piedmont, Italy. Select lustrous olive-green sharp crystals to  $\frac{1}{4}$ " in size scattered and intergrown on matrix with tabular greenish crystals and masses of DIOPSIDE.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
38. FLUORITE. Caravia Mine, Asturias, Spain. Choice transparent to translucent light purplish sharp cubic crystals with stepped edges, to 1" in size forming a fine intergrown group with odd pale brownish bladed Barytes crystals in places. Nice specimen for display.  $4\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ", £28.00
39. FLUORITE. Naica, Chihuahua, Mexico. Select transparent light purplish sharp OCTAHEDRAL crystals to  $\frac{1}{4}$ " in size associated with sharp large rhombic creamy Calcite crystals to over 1" in size, and odd brassy crystals of Pyrites.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
40. FLUORITE. Redburn Mine, Rookhope, Co. Durham. Pale pinkish-purple transparent twinned cubic crystals to over  $\frac{1}{4}$ " in size attractively scattered over intergrown milky pyramidal quartz crystals to  $\frac{1}{4}$ " in size. Specimen A:  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.50p
41. GADOLINITE. Ytterby, nr. Stockholm, Sweden. Rich resinous blackish masses in creamy to pinkish feldspar with plates of biotite mica.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p
42. GALENA. Blackdene Mine, Weardale, Co. Durham. Bright silvery-grey metallic modified cube-octahedral crystals to  $\frac{1}{4}$ " in size scattered on intergrown light purplish fluorite crystals on massive fluorite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
43. GYROLITE. Poona, nr. Bombay, India. Fine creamy large crystalline ball-like masses to over 1" in diameter, forming an intergrown group with creamy-white radiated neatly crystalline masses of Okenite and a little calcite in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £11

- 44. HEMATITE. var. KIDNEY ORE. Florence Mine, Egremont, Cumberland. Specimen A: Fine lustrous reddish-brown botryoidal mass of nice shape, with small Specularite and Calcite crystals on the reverse side.  $4\frac{1}{2} \times 3 \times 2"$ , £11.00. Specimen B: Choice lustrous deep reddish-brown dome shaped botryoidal mass; nice specimen for display.  $3\frac{1}{2} \times 2$  by  $2\frac{1}{2}"$  high. £6.50p
- 45. HEMIMORPHITE. La Esmeralde Mine, Chihuahua, Mexico. Light turquoise-blue lustrous botryoidal mass covering a cellular matrix.  $2\frac{1}{2} \times 1\frac{1}{2}"$ , £3.50p
- 46. HESSONITE GARNET. Val d'Ala, Piedmont, Italy. Lustrous bright orangey sharp crystals to 3 mm in size richly covering matrix with a little creamy Apatite and greenish Clinocllore in association.  $2\frac{1}{2} \times 2 \times 1"$ , £9.00
- 47. HELLANDITE. Hazard lode, Botallack Mine, St. Just, Cornwall. Small sharp sparkling clear crystals covering both sides of altered greenstone matrix.  $2\frac{1}{2} \times 2"$ , £3.25p
- 48. HUEBNERITE. Peste Buena, Peru. Specimen A: Very choice lustrous deep brownish sharp terminated tabular elongated crystals forming a crystal group in parallel growth, with sharp elongated Quartz crystals to  $\frac{1}{2}"$  in size encrusting one side.  $4"$  long by  $1\frac{1}{2}"$ , £33.00. Specimen B: Very choice radiated cluster of elongated tabular lustrous deep brownish tabular terminated crystals.  $3"$  long by  $1 \times 1"$ , £24.00. Specimen C: Select lustrous deep brownish sharp tabular terminated crystal with parallel growth and minute pyrites crystals scattered on one side.  $2\frac{1}{2}"$  long by  $\frac{1}{2}"$ , £14.00. Specimen D: As specimen C,  $2"$  long by  $\frac{1}{2}"$ , £8.00. Specimen E: Select cluster of lustrous reddish-brown terminated crystals in parallel growth, with a little quartz on one side.  $1\frac{1}{2}"$  long by  $\frac{1}{2}"$ , £4.50p. Specimen F: Select single crystals and clusters, some with minor quartz attached. Each approx  $\frac{1}{2}$ - $1"$  long, £1.75p each.
- 49. HUTCHINSONITE. Quiruvilca Mine, Libertad Dept., Peru. Fine sharp deep reddish-brown rod-like crystals to 3 mm in length scattered on matrix with odd well formed orangey crystals and crystal masses of Orpiment.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £33.00
- 50. HYALITE OPAL. Mt. Arci, Sardinia. Transparent glassy botryoidal masses thickly covering matrix. Specimen A:  $3 \times 2 \times 1"$ , £5.50p. Specimen B:  $2 \times 1\frac{1}{2} \times 1"$ , £3.25p
- 51. LEGRANDITE. Mine Ojuela, Durango, Mexico. Specimen A: Bright yellowish sharp crystals to 4 mm in size scattered in areas on both sides of limonitic matrix with a little Smithsonite in association.  $2 \times 1\frac{1}{2} \times 1"$ , £13.00. Specimen B: Choice bright yellowish sharp crystals to 5 mm in size scattered and intergrown on both sides of cellular matrix.  $1\frac{1}{2} \times \frac{1}{2}"$ , £6.50p. Specimen C: Small bright yellowish sharp crystals scattered on both sides of matrix.  $1\frac{1}{2} \times 1\frac{1}{2}"$ , £4.50p
- 52. LIBETHENITE. Mindola openpit, mt. Kitwe, Zambia. Unusual elongated rod-like crystals of a deep olive-green colour forming a spray 1 cm in size in a cavity in phyllite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £6.50p
- 53. LISKEARDITE. Marke Valley Mine, Linkinhorne, Cornwall. Rich creamy-white masses lining cavities in cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £4.50p
- 54. MALACHITE. Laurium, Attica district, Greece. Bright green needle crystals lining cavities in dark brown limonitic matrix.  $2\frac{1}{2} \times 2"$ , £4.50p
- 55. MENDIPITE. Mendip Hills, Somerset. Specimen A: Rich creamy to pinkish divergent crystalline mass  $1\frac{1}{2} \times \frac{1}{2}"$  in size embedded in creamy-white platy Hydrocerussite in blackish pyrolusite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £22.00. Specimen B: Very rich pure divergent pinkish to creamy pure mass.  $1\frac{1}{2} \times 1 \times \frac{1}{2}"$ , £14.00. Specimen C: Rich divergent creamy to pinkish mass  $1"$  in size embedded in calcite/pyrolusite matrix.  $1\frac{1}{2} \times 1 \times \frac{1}{2}"$ , £8.00. Specimen D: As specimen C, with mendipite mass  $1 \times \frac{1}{2}"$ , overall size  $1\frac{1}{4} \times 1"$ , £5.50p.
- 56. MIMETITE. Mexico Mine, Caldbeck Fells, Cumberland. Specimen A: Select bright orangey barrel-like crystals to 5 mm in size thickly intergrown on quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £6.50p. Specimen B: Lustrous yellowish-green sharp rounded barrel-like crystals to 4 mm in size intergrown on a  $\frac{1}{4}"$  area on cellular quartz.  $2 \times 1 \times 1"$ , £3.25p
- 57. MIMETITE. Dribgeth Mine, Caldbeck Fells, Cumberland. Lustrous greenish sharp barrel-like crystals mostly around 2-3 mm in size thickly covering cellular quartz matrix.  $2 \times 2 \times 1\frac{1}{4}"$ , £3.50p
- 58. MOTTAMITE. Las Lamentos, Chihuahua, Mexico. Specimen A: Bright sparkling brown sharp platy crystals to 3 mm in size thickly encrusting altered limestone matrix.  $2\frac{1}{2} \times 2"$ , £6.50p. Specimen B: Small bright brown sharp crystals covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £2.50p.



59. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Specimen A: Choice bright dark olive green crystals lining cavities in milky quartz with a  $\frac{1}{2}$ " diameter radiated mass of the 'wood olivenite' variety.  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £11.00. Specimen B: Fine bright olive green small sharp crystals lining cavities in cellular quartz.  $3 \times 2 \times 1\frac{1}{2}$ ", £4
60. OSUMILITE. Mt. Arci, Sardinia. Sharp blackish to orangey crystals mostly around 1-2 mm in size scattered in cavities in rhyolite matrix. Specimen A:  $2 \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p. Specimen C:  $1 \times 1$ ", £1.25p
61. PARATACAMITE. Levant Mine, Pendenz, Cornwall. Small sharp deep green crystals covering areas of quartz/chalcoocite/pyrite veinstuff.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
62. PREHNITE. Boylstone Qry., Barrhead, Renfrew, Scotland. Select apple-green lustrous silky botryoidal crystalline mass lining a  $1\frac{1}{2}$ " cavity in matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.25p
63. PYRRARGYRITE. St. Andreasberg, Harz, Germany. Select lustrous deep red sharp crystals to 5 mm in size intergrown in cavities in cellular quartz.  $1\frac{1}{2} \times 1 \times 1$ ", £33.00
64. PYRITES. Quiruvilco, Libertad Dept., Peru. Specimen A: Fine very bright sharp pyritohedral crystals to 1" in size forming an intergroup group.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £44.00. Specimen B: Fine very bright sharp pyritohedral crystals to  $1\frac{1}{2}$ " in size forming an intergroup group.  $4 \times 3 \times 2$ ", £28.00. Specimen C: Fine very bright sharp pyritohedral crystals to  $\frac{1}{2}$ " in size forming an intergroup group with odd small dark brownish sphalerite crystals scattered in places.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.50p. Specimen D: Choice very bright sharp pyritohedral crystals to over  $\frac{1}{2}$ " in size forming an intergroup group.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00. Specimen E: As specimen D,  $2 \times 1\frac{1}{2} \times 1$ ", £5.50p. All these specimens are excellent for display.
65. PYRITES. Corn Brea Mine, Illogan, Cornwall. Small sharp bright brassy octahedral crystals richly scattered over lenticular light brown siderite crystals covering quartz matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p
66. PYROCHLORE. St. Lawrence Mine, Oka, Quebec, Canada. Sharp lustrous brownish octahedral crystals to 3 mm in size scattered in a creamy matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
67. PYROMORPHITE. Mine les Forges, Creuse, France. Select lustrous dark olive coloured interlocking mass of sharp elongated hexagonal crystals to  $\frac{1}{4}$ " in size, with a bright yellow spot of Mimetite on the terminations of many of the crystals.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00
68. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Specimen A: Select dark brassy sharp hexagonal crystals to over  $\frac{1}{2}$ " in size forming an intergroup group with odd bright blackish Sphalerite crystals scattered on the pyrrhotite crystals.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00. Specimen B: Select bright brassy large composite hexagonal crystal with a little light brown siderite encrusting one side, together with odd crystals of pyrites, sphalerite and calcite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £5.50p. Specimen C: Bright brassy well formed hexagonal crystals to  $\frac{1}{4}$ " in size scattered on thin quartz crystals with odd cubic crystals of pyrites in association.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p. Specimen D: Select well formed single hexagonal crystals and crystal groups, some with minor crystallised sphalerite or siderite in association. Each approx  $1 \times 1$ " in size, £1.50p each.
69. RHODOCHROSITE. Inadunishi Mine, Hokkaido, Japan. Choice lustrous light pink botryoidal mass completely covering quartz matrix, with odd well formed bright brassy Pyrites crystals intergrown in places. Fine specimen for display.  $8 \times 5 \times 2$ ", £44.00
70. RHODOCHROSITE. Moanda Mine, Moanda, Gabon. Lustrous transparent sharp rose-pink crystals mostly around 2-3 mm in size thickly encrusting a blackish pyrolusite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
71. RÖTILE. Arendal, Norway. Specimen A: Sharp deep reddish-brown lustrous sharp crystals to 4 mm in size richly scattered in cavities in chlorite/calcite matrix.  $2 \times 2 \times 1\frac{1}{2}$ ", £11.00. Specimen B: As specimen A,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
72. SCHEELITE. Tong Lha, Chugchongpukdo Prov., Korea. Select lustrous light brown translucent octahedral crystal 1 cm in size implanted on milky quartz with bright greyish metallic hexagonal crystals of MOLYBDENITE to over  $\frac{1}{2}$ " in diameter.  $2\frac{1}{2} \times 1$ ", £13.00
73. SCORODITE. Prince of Wales Mine, nr. Callington, Cornwall. Small sharp bright olive coloured crystals lining a  $\frac{1}{2}$ " cavity in matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p

84. NATIVE SILVER. Cobalt, Ontario, Canada. Tarnished silvery hackly masses and wires intergrown with calcite. Specimens approx  $\frac{1}{2} \times \frac{1}{2}$ " in size, £2.25p each.
85. SKUTTERODITE. Bou Azzer, Morocco. Well formed bright silvery crystals to  $\frac{1}{2}$ " in size intergrown on massive skutterudite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
86. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Sharp transparent pale brownish crystals to 4 mm in size encrusting both sides of intergrown Galena crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
87. SPHALERITE. Force Crag Mine, nr. Keswick, Cumberland. Lustrous blackish sharp crystals to  $\frac{1}{4}$ " in size thickly intergrown on matrix with a little light brownish Siderite.  $5 \times 3 \times 2\frac{1}{2}$ ", £9.00
88. SPHALERITE. Mid Continent Mine, Kansas, U.S.A. Bright sharp blackish crystals to over  $\frac{1}{2}$ " in size richly scattered over matrix with numerous small sharp brassy CHALCOPYRITE crystals.  $3 \times 3 \times 1\frac{1}{2}$ ", £4.50p
89. SPHALERITE. Casapalca, Junin Prov., Peru. Very large lustrous deep brownish sharp crystals to  $1\frac{1}{2}$ " in size intergrown on matrix with odd well formed silvery-grey TETRAHEDRITE crystals to  $\frac{1}{2}$ " in size, and a little quartz and pyrites.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £33.00
90. SPHENE. Kragerd, Telemark, Norway. Well formed lustrous dark brown crystal over  $\frac{1}{2}$ " in size embedded in feldspar matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p.
91. STANNITE. Wheal Jane, Kea, Cornwall. Rich metallic grey masses with minor golden chalcopyrite in association. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.75p
92. STILBITE. Skookumchuck Dam, Washington, U.S.A. Select lustrous creamy-white sharp sheafs of crystals to  $1\frac{1}{2}$ " in length forming an intergrown group.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
93. TETRAHEDRITE. Kapnik, Rumania. Sharp silvery-grey tetrahedral crystals to 5 mm in size associated with slightly milky quartz crystals covering cellular quartz matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
94. TETRAHEDRITE. Credis Mine, nr. Padstow, Cornwall. Rich silvery-grey masses in quartz with a little siderite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.50p
95. THALMASITE. Gjellebekk, Buskerud, Norway. Rich creamy-white fibrous mass on matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
96. TILASITE. Langban, Warmland, Sweden. Rich flesh-pink mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.75p
97. TOPAZ. Ouro Preto, Minas Gerais, Brazil. Select golden translucent elongated well formed and terminated single crystals. Each approx 1- $1\frac{1}{4}$ " in length, £2.50p each.
98. TORBERNITE. Mine Bois-Noir, Loire, France. Choice bright green well formed tabular crystals to  $\frac{1}{4}$ " in size intergrown on areas of matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £14.00
99. TOURMALINE var. BURELLITE. Pala Queen Mine, San Diego Co., California, U.S.A. Specimen A: Fine mostly transparent well formed and terminated greenish grading to bright pink single crystal.  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis. £28.00. Specimen B: Bright pinkish well formed and terminated single crystal,  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis. £8.00
100. TOURMALINE. Bovey Tracey, Devon. Lustrous bright black well formed crystal associated with a little quartz.  $1 \times 1$ ", £3.25p
101. VIVIANITE. Blackbird Mine, Cobalt, Idaho, U.S.A. Bright indigo-blue tabular crystals imolanted in radiated groups to 1" in size on pyritic matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £11.00
102. VOLBORTHITE. Grand River, Utah, U.S.A. Rich crusts and small sharp lime-green crystals covering sandstone matrix. Specimen A: Very rich in volborthite,  $3 \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.25p
103. WOLFRAMITE. Panasqueira, Beira-Beixa, Portugal. Select bright black well formed and terminated large tabular crystal with others in parallel growth, and with minor small Pyrites scattered in places.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £44.00
104. WITHERITE. Cave-in-Rock, Hardin Co., Illinois, U.S.A. Select creamy coloured sharp pseudo-hexagonal crystals to 1 cm in size forming intergrown groups. Specimen A:  $3\frac{1}{2} \times 2$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p



ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitution, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

SEPTEMBER 1978

1. ADULARIA. Val Cristalina, Graubunden, Switzerland. Fine sharp lustrous creamy crystals to over 1" in size intergrown on matrix with a little greenish Chlorite.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £7.00
2. ALBITE. Branchville, Connecticut, U.S.A. Lustrous creamy well formed crystals to 1 cm in size forming an intergrown mass with an elongated terminated mostly clear QUARTZ crystal  $1\frac{1}{2}$ " in length lying on the surface.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
3. ALTAITE. Hilltop Mine, Dona Ana Co., New Mexico, U.S.A. Rich tarnished metallic masses scattered in matrix.  $2\frac{3}{4} \times 1 \times 1$ ", £8.00
4. ANATASE. Prenteg, nr. Tremadog, Caernarvonshire, N. Wales. Sharp lustrous reddish-brown crystals to 3 mm in size scattered on matrix with a little crystallised Albite & Quartz. Specimen A:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
5. APATITE. Carrock Mine, Carrock Fell, Cumberland. Lustrous bright greenish well formed elongated hexagonal crystals and crystal sections to  $\frac{1}{4}$ " in length intergrown on one end of milky quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
6. APATITE variety FRANCOLITE. Levant Mine, Pendeen, Cornwall. Fine lustrous golden brown sharp hexagonal crystals mostly around 2-4 mm in size thickly encrusting or scattered over matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2}$ " with the crystals completely covering the matrix, £16.50p. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ " with the crystals covering most of the surface, £17.00. Specimen C:  $2\frac{1}{2} \times 2$ " with the crystals richly dotted over matrix, £8.00. Specimen D:  $1\frac{1}{2} \times 1$ " with the crystals intergrown in areas on the matrix, £4.50p. These specimens are the best examples of this variety of Apatite yet found in Cornwall.
7. APOPHYLLITE. Poona, nr. Bombay, India. Select transparent to translucent intergrown group of sharp terminated crystals, with faces to  $\frac{1}{2}$ " in size.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £8.00
8. ARAGONITE. Rowrah, West Cumberland. Translucent creamy sharp elongated terminated spear-like crystals to  $\frac{1}{2}$ " in length intergrown on ferruginous matrix.  $2 \times 1 \times 1$ ", £2.50p
9. ARSENOPIRYTE. Trepca, Yugoslavia. Fine bright silvery sharp crystals to  $\frac{1}{4}$ " in size very richly scattered over a dome shaped matrix with milky Quartz crystals and a little Sphalerite and Pyrites.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00
10. AURICHALCITE. 79 Mine, Gila Co., Arizona, U.S.A. Very attractive turquoise-blue botryoidal crystalline radiated masses with a needly surface, thickly lining a cavity and covering the surface of a cellular matrix. Small sharp clear elongated HEMIMORPHITE crystals are scattered over the surface of the Aurichalcite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £9.00

11. AXINITE. Roscommon Cliff, nr. St. Just, Cornwall. lustrous brown sharp large well formed crystals to 1" in size lying flat on matrix.  $1\frac{1}{2} \times 1 \times 1$ ", £6.50p
12. AZURITE. Bisbee, Cochise Co., Arizona, U.S.A. Rich bright blue cellular mass with a little brownish limonite, with large cavities lined with lighter blue botryoidal Azurite showing a drusy crystallised surface, and with a little turquoise-blue CHALCOALUMITE lining some cavities.  $3\frac{1}{2} \times 2 \times 2$ ", £23.00
13. AZURITE. Tsumeb, Otavi, S.W. Africa. Bright blue well formed terminated crystals to 5 mm in size intergrown on a  $\frac{1}{2}$ " area of matrix with sharp glassy CERUSSITE crystals.  $1 \times 1 \times 1$ ", £3.25p
14. BABINGTONITE. Lane Qty., Westfield, Massachusetts, U.S.A. Fine lustrous sharp dark bluish-black crystals to 1 cm in size intergrown and free standing on calcite/epidote matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £22.00
15. BARYTES. Frizington, West Cumberland. Lustrous creamy sharp tabular crystals to  $\frac{1}{2}$ " in size thickly intergrown and covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
16. NATIVE BISMUTH. Huttenberg, Karnten, Austria. Rich silvery metallic crystalline masses scattered in siderite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
17. BORNITE. Dolcoath Mine, Camborne, Cornwall. Rich attractive irridescently tarnished masses with a little golden chalcopyrite in association. Specimens approx  $1 \times 1$ ", £0.80p each.
18. BREWSTERITE. Whitesmith Mine, Strontian, Argyllshire, Scotland. Specimen A: Rich crust of sharp transparent crystals to 3 mm in size completely covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.50p. Specimen B: Fine transparent sharp crystals to 5 mm in size thickly encrusting matrix.  $2 \times 2 \times 1$ ", £4.50p. Specimen C: As specimen B,  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p. Specimen D: As specimen B,  $1 \times 1 \times 1$ ", £1.50p
19. BROCHANTITE. Bisbee, Cochise Co., Arizona, U.S.A. Select bright green cellular mass of small well formed crystals with a little limonite and quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
20. BROOKITE. Prenteg, nr. Tremadog, Caernarvonshire, N. Wales. Specimen A: Very rich lustrous reddish-brown crystals and crystal sections to 1 cm in size scattered amongst and partially enclosed in an interlocking mass of milky quartz crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £18.00. Specimen B: Sharp terminated lustrous reddish-brown crystals and crystal sections scattered in cavities and embedded in dolerite/quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
21. CABRERITE. Laurium, Attica district, Greece. Fine green sharp crystals and crystal sheaves infilling small cavities in limestone/calcite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p
22. CALAVERITE. Great Boulder Mine, Kalgoorlie, W. Australia. Specimen A: Very rich bronzey metallic mass  $1\frac{1}{2} \times 1$ " in size on quartzose matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £33.00. Specimen B: Rich bronzey metallic mass  $1 \times \frac{1}{2}$ " on matrix.  $1\frac{1}{4} \times 1$ ", £14.00
23. CALCITE. St. Andreasberg, Harz, Germany. Select transparent to translucent clear to creamy coloured flat terminated hexagonal crystals to  $\frac{1}{2}$ " in diameter, stacked one-upon-another to form an intergrown group.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
24. CALCITE. Blackdene Mine, Weardale, Co. Durham. Sharp creamy nail-head crystals to 8 mm in size thickly encrusting an intergrown group of sharp cubic light purple FLUORITE crystals to 1" in size.  $3 \times 2\frac{1}{2}$ ", £4.75p
25. CARPHOLITE. Schlaggenwald, Bohemia, C.S.S.R. Rich golden silky radiated masses in quartz with a little fluorite.  $2 \times 1 \times 1$ ", £2.50p
26. CASSITERITE. Dolcoath Mine, Camborne, Cornwall. Very rich heavy lustrous brownish mass with a little quartz and hematite, showing elongated 'sparable' habit crystals embedded in places.  $2 \times 2 \times 1\frac{1}{2}$ ", £2.50p
27. CATAPLEIITE. Hedrum, Vestfold, Norway. Rich pinkish masses in pegmatite associated with elongated deep greenish AEGIRINE crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £2.50p
28. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Specimen A: Fine bright silvery-grey metallic sharp crystals to  $\frac{1}{4}$ " in size scattered over cellular quartz/arsenopyrite matrix.  $2\frac{1}{2} \times 2$ ", £11.00. Specimen B: Fine bright silvery-grey crystals to 4 mm in size scattered over cellular matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £8.00. Specimen C: Greyish well formed platy crystals to 4 mm in size intergrown in areas on quartzose matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p



- CHALCOPYRITE. Castro Virreyes Mine, near Lima, Peru. Specimen A: Fine bright golden well formed crystals, some with a slight iridescent tarnish, to over  $\frac{1}{2}$ " in size richly intergrown on quartz matrix with sharp very bright silvery-grey TETRAHEDRITE crystals to 1 cm in size, a little Pyrites and elongated milky Quartz crystals in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £22.00. Specimen B: Fine bright golden sharp crystals with an attractive iridescent tarnish, to  $\frac{1}{2}$ " in size associated with elongated sharp terminated milky quartz crystals to 1" in length, and minor crystallised Tetrahedrite and pyrites.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £14.00. Specimen C: Bright golden sharp crystals to over  $\frac{1}{2}$ " in size associated with elongated clear terminated Quartz crystals to  $\frac{3}{4}$ " in length and a little well crystallised Tetrahedrite.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00. All these specimens are very attractive for display.
30. CHLORANTHITE. Neideschlema, Saxony, Germany. Select bright silvery well formed crystals to  $\frac{1}{2}$ " in size forming an intergrown mass with crystalline chloranthite and a little calcite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £11.00
31. CHLOROXIPHITE. Mendip Hills, Somerset. Specimen A: Olive green bladed crystals to 5 mm in size embedded in fibrous creamy MENDIPITE with minor pyrolusite and calcite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00. Specimen B: Lustrous olive green bladed crystal mass 1 cm in size embedded in fibrous creamy Mendipite with calcite.  $1 \times 1$ ", £6.50p
32. CHROME CERUSSITE. Dundas, Tasmania, Australia. Lustrous pale yellowish crystals to 5 mm in size scattered on one side of cellular brown limonitic matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
33. CLINOPTILOLITE. Succor Creek, Malheur Co., Oregon, U.S.A. Small sharp creamy crystals thickly lining a  $1\frac{1}{2} \times 1$ " cavity in matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.50p
34. COLEMANITE. Bigadich Mine, Eskisehir, Turkey. Sharp transparent glassy crystals to  $\frac{1}{2}$ " in size richly lining cavities in massive colemanite.  $3 \times 2\frac{1}{2} \times 1$ ", £3.50p
35. NATIVE COPPER. Wheel Basset, Illogan, Cornwall. Bright coppery metallic sheet cutting right through altered slate matrix, with smaller plates and masses in places.  $3 \times 3 \times 1\frac{1}{2}$ ", £5.50p
36. CORNETITE. Ewana Mkuba, Ndola, Zambia. Rich crust of deep blue small sharp crystals covering greenish pseudomalachite on matrix.  $3 \times 1\frac{1}{2} \times 1$ ", £6.50p
37. CORUNDUM. Beit Bridge, Lumpopo River, Rhodesia. Select sharp well formed hexagonal greyish-purple single crystal showing interesting growth patterns on the terminations.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ ", £1.50p
38. CROCOITE. Red Lead Mine, Dundas, Tasmania, Australia. Specimen A: Bright orangey elongated rod-like crystals to  $\frac{1}{2}$ " in length richly spanning cavities and intergrown on cellular brown limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £14.00. Specimen B: Rich bright orangey-red interlocking mass of rod-like crystals.  $1\frac{1}{4} \times 1 \times \frac{3}{4}$ ", £5.50p
39. CUPRITE. Goonhilly Down, Lizard, Cornwall. Specimen A: Rich deep reddish massive vein section with a little native copper, between chrysocolla/serpentine walls.  $4\frac{1}{2} \times 2$ ". £3.50p. Specimen B: Rich bright reddish vein section with bright greenish chrysocolla coated walls.  $1\frac{1}{2} \times 1$ ", £1.50p
40. CUPRITE. Nizhne Tagilsk, Ural Mts., Russia. Very rich deep reddish mass associated with bright greenish CHRYSOCOLLA and brownish Melaconite.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £6.50p
41. DANBURITE. Charcas, San Luis Potosi, Mexico. Very choice sharp elongated transparent to translucent terminated crystals to  $1\frac{1}{4}$ " in length free standing all over matrix, with a little sparkling drusy crystallised quartz in places. Fine specimen for display.  $4 \times 3\frac{1}{2} \times 2$ ", £28.00
42. DANNEMORITE var. Asbeferrite. Brunsjogruven, Hellefors, Sweden. Rich silky golden-brown fibrous mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.25p
43. ENARGITE. Quiruvilca, Libertad Dept., Peru. Specimen A: Large crudely formed crystals to  $\frac{1}{2}$ " in size scattered on bright golden sharp intergrown pyritohedral PYRITES crystals to 1 cm in size, with numerous minute sharp bright silvery-grey TETRAHEDRITE crystals scattered in places.  $4 \times 2\frac{1}{2}$ ", £8.00. Specimen B: Crudely formed large intergrown crystals to 1 cm in size frosted with minute silvery-grey Tetrahedrite crystals.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p

- 44. EDSOPHORITE. Aracua, Minas Gerais, Brazil. Specimen A: Sharp golden-brown elongated terminated crystals to 3 mm in length very richly scattered over and lining cavities in intergrown rose-quartz crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £17.00. Specimen B: As specimen A,  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £6.50p
- 45. FLUORITE. Nerchinsk, Ural Mts., Russia. Complex light green transparent crystals to 5 mm in size richly lining a  $1\frac{1}{2} \times 1$ " cavity in matrix with intergrown pale green cubic crystals covering one surface.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.50p
- 46. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Specimen A: Transparent to translucent light purplish cubic crystals to  $\frac{3}{8}$ " in size thickly intergrown on both sides of matrix with odd bright brassy small sharp Chalcopyrite crystals scattered in places.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £13.00. Specimen B: Large transparent light purplish cubic crystals to 1" in size intergrown and scattered over both sides of quartz matrix, with odd minute brassy Chalcopyrite crystals in places.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
- 47. FLUORITE. Heights Mine, Weardale, Co. Durham. Bright green transparent crystals to 1 cm in size, intergrown on matrix with a little drusy quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
- 48. GALENA, Blackdene Mine, Weardale, Co. Durham. Very choice bright silvery-grey sharp cube-octahedral crystal  $1\frac{1}{2} \times 1\frac{1}{4}$ " implanted on a matrix of intergrown transparent light purplish cubic FLUORITE crystals to nearly 1" in size. Fine specimen for display.  $5\frac{1}{2} \times 3\frac{1}{2} \times 3$ ", £38.00
- 49. GALENA. Clausthal, Harz, Germany. Metallic grey well formed modified cubic crystals to 1 cm in size scattered over matrix with a sprinkling of small lustrous creamy Dolomite crystals.  $3 \times 2\frac{1}{2} \times 1$ ", £8.00
- 50. NATIVE GOLD. Witwatersrand, Transvaal, S. Africa. Rich thin golden masses covering areas of banquet conglomerate.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p
- 51. GYROLITE. Poona, near Bombay, India. Fine silky tan coloured crystal 'balls' mostly around 1 cm in diameter, richly intergrown and scattered over basalt matrix with small clear Quartz crystals, silky white Okenite and a little pale greenish Prehnite. Nice display specimen.  $5 \times 4\frac{1}{2} \times 2$ ", £17.00
- 52. HEMIMORPHITE. Santa Eulalia, Chihuahua, Mexico. Choice lustrous transparent sharp elongated terminated crystals to  $\frac{1}{2}$ " in length thickly encrusting the surface and lining large cavities in matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £11.00
- 53. HEMIMORPHITE. Broken Hill, Zambia. Small sharp well formed crystals richly scattered over a large reticulated creamy CERUSSITE crystal mass.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p
- 54. JACOBITE. Langban, Wermland, Sweden. Rich lustrous black crystalline masses in dolomite with thin reddish crusts of Litharge.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
- 55. JAROSITE. Laurium, Attica District, Greece. Small sharp brownish crystals richly lining cavities in gossany matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £6.50p
- 56. KINOITE. Christmas Mine, Gila Co., Arizona, U.S.A. Bright blue small crystalline masses on matrix with small clear Apophyllite crystals in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
- 57. NATIVE LEAD. Langban, Wermland, Sweden. Very rich greyish sheety masses on and in Dolomite/manganophyllite matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
- 58. LEPIDOLITE. Little 3 Mine, Ramona, California, U.S.A. **Select** pale lilac coloured well formed crystal book.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
- 59. LISKEARDITE. Marke Valley Mine, Linkinhorne, Cornwall. Rich whitish crusts and masses lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
- 60. MALACHITE. Tsumeb, Otavi, S.W. Africa. Choice silky bright green botryoidal mass with a little crystallised calcite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
- 61. MARCASITE. Panasqueira, Beira-Beixa, Portugal. Choice bright sharp bladed crystals to over  $\frac{1}{2}$ " in size intergrown on arsenopyrite matrix with odd sharp silvery ARSENOPYRITE crystals and a little creamy Calcite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £14.00
- 62. MIMETITE. Driggeth Mine, Caldbeck Fells, Cumberland. Rich light green crusts of small sharp barrel-shaped crystals to 3 mm in size covering cellular quartz matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.25p



63. MIMETITE. Wheal Unity, Gwennap, Cornwall. Lustrous brownish elongated hexagonal crystals to  $\frac{1}{2}$ " in length scattered over quartzose matrix.  $2 \times 1\frac{1}{4} \times 1$ ", £4.50p
64. MIMETITE variety CAMPYLITE. Drygill Mine, Caldbeck Fells, Cumberland. Lustrous orangey to light green well formed barrel-shaped crystals to  $\frac{1}{4}$ " in size intergrown on matrix and partially overlain with bright yellow needle MIMETITE crystals.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00
65. MOTTRAMITE. Tsameb, Otavi, S.W. Africa. Minute sparkling blackish crystals thickly encrusting dark brownish DESCLOISITE crystals forming an intergrown group.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
66. NATROLITE. Dean Qry., St. Keverne, Lizard, Cornwall. Creamy elongated crystals, some being well terminated, to  $\frac{1}{2}$ " in length intergrown on matrix and partially altered and frosted with micro crystals of Stilbite.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £2.50p
67. OLIVENITE. Phoenix Mine, Linkinhorne, Cornwall. Small greenish crystals lining cavities in ferruginous matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
68. ORTHOCLASE. Ouro Preto, Minas Gerais, Brazil. Very large and well formed creamy twinned crystal with a little milky quartz attached on one side, and with numerous rod-like clear greenish TOURMALINE crystals and crystal sections scattered in places. Very choice specimen for museum display.  $6 \times 5 \times 5\frac{1}{2}$ ", £33.00
69. PARALAURIONITE. Mendip Hills, Somerset. Specimen A: Light yellowish masses embedded in a pure mass of radiated fibrous creamy MENDIPITE.  $2 \times 1\frac{1}{2} \times 1$ ", £13.00. Specimen B: As specimen A,  $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{4}$ ", £5.50p.
70. PLATTNERITE. Mina Ejuela, Mapimi, Durango, Mexico. Small sparkling black crystals richly covering brownish limonitic matrix with a little calcite.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £4.50p
71. PROUSTITE. Stribro, Bohemia, C.S.S.R. Bright red crystals and masses scattered in cavities in a solid mass of greyish NATIVE ARSENIC.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
72. PSEUDOMALACHITE. Bisbee, Cochise Co., Arizona, U.S.A. Bright green cellular crystalline masses covering calcite crystals on matrix.  $2\frac{1}{2} \times 1$ ", £3.50p
73. PYRITES. Rio Marina, Isle of Elba, Italy. Specimen A: Select bright brassy sharp large pyritohedral crystal  $1\frac{1}{2} \times 1\frac{1}{4}$ " in size implanted on blackish specular hematite matrix with smaller crystals attached.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £11.00. Specimen B: Fine bright brassy sharp pyritohedral crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £8.00. Specimen C: Bright brassy pyritohedral crystals to 1" in size forming an intergrown group with minor matrix attached.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
74. PYRITES. Sorba, Spain. Select bright brassy very sharp single cubic crystals. Each approx  $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ " in size, £3.25p each.
75. PYRITES replacing PYRRHOTITE. Wheal Jane, Kea, Cornwall. Hexagonal well formed pyrrhotite crystals to 8 mm in size replaced by light brassy Pyrites, intergrown on one side of matrix with minor crystallised chalcocopyrite in association.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
76. PYROMORPHITE. Vassel, Massif Central, France. Bright grass green small crystals thickly encrusting quartz matrix.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £13.00
77. PYROMORPHITE. Roughtengill Mine, Caldbeck Fells, Cumberland. Specimen A: Fine bright yellowish-green sharp hexagonal crystals to 5 mm in size scattered and intergrown on cellular matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00. Specimen B: Bright yellowish sharp hexagonal crystals to 5 mm in size thickly intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p
78. QUARTZ. Hailmoor Mine, nr. Egremont, Cumberland. Fine sharp transparent slightly smoky doubly terminated crystals to over  $\frac{1}{2}$ " in size thickly intergrown on hematite matrix with a little black platy Specularite and creamy bladed Barytes in association.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
79. RHODOCHROSITE. Moanda Mine, Moanda, Gabon. Lustrous rose-red sharp clear scalenohedral crystals mostly around 3-4 mm in size thickly covering blackish pyrolusite matrix, with small black needle Pyrolusite crystals covering part of the reverse of the specimen.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £18.00
80. SCHEELITE. Wheal Cock, St. Just, Cornwall. Lustrous creamy octahedral crystal sections and masses richly embedded in chlorite veinstuff.  $2 \times 2 \times 1\frac{1}{2}$ ", £5.00
81. SCORODITE. Bejanca Mine, Portugal. Small sharp lustrous olive-green crystals lining cavities in milky quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p



82. SMITHSONITE. Copper Canyon, Chihuahua, Mexico. Lustrous large clear well formed rhombic crystals to 1 cm in size thickly intergrown on matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £7.00
83. SBOODYITE. Swambo, Katanga, Zaire. Specimen A: Very rich crust of small sharp yellowish crystals encrusting matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £33.00. Specimen B; as specimen A,  $1\frac{1}{2} \times 1$ ", £14.00
84. SPECULARITE. Grosso Mine, Piedmont, Italy. Bright black platy crystals encrusting matrix and associated with clear slightly milky quartz crystals.  $3\frac{1}{2} \times 3\frac{1}{2} \times 2$ ", £4.50p
85. SPHALERITE. Wheel Jane, Kea, Cornwall. Bright black sharp crystals to  $\frac{1}{4}$ " in size scattered on matrix with small clear quartz crystals.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
86. SPHALERITE. Tjrekeld Mine, Threlkeld, Cumberland. Small bright blackish crystals scattered on drusy quartz covering a cellular matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.75p
87. SPHALERITE. Trepoča, Yugoslavia. Bright black crystal 1x1 cm in size implanted on matrix and associated with elongated milky quartz crystals, brassy pyrites crystals, creamy rhombic Calcite crystals and drusy crystallised dolomite.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £7.00
88. SPHALERITE. Rampgill Mine, Nenthead, Cumberland. Bright black well formed crystals to  $\frac{1}{4}$ " in size thickly intergrown and covering both sides of matrix and with a little snow-white drusy crystallised quartz in association.  $3\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £6.50p
89. STANNITE. Mulberry Mine, Lanivet, Cornwall. Rich tarnished metallic masses associated with milky quartz and a little chalcopyrite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.75p
90. STELLERITE. Grant Co., Oregon, U.S.A. Lustrous translucent creamy fibrous crystalline mass with a botryoidal surface. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen B:  $1\frac{1}{2} \times 1$ ", £2.50p
91. STIBICONITE. Knipes Mine, New Cumnock, Ayrshire, Scotland. Rich yellowish masses replacing stibnite associated with silvery-grey stibnite and quartz.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
92. STIBNITE. Knipes Mine, New Cumnock, Ayrshire, Scotland. Very rich bright metallic grey bladed masses with minor quartz. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £3.25p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ "
93. STIBNITE. Williams Ford, Tasmania, Australia. Bright silvery-grey slender crystals to over  $\frac{1}{2}$ " in length scattered over light brown crystallised siderite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ " £4.50p
94. TETRAHEDRITE. Castro Virreyña Mine, nr. Lima, Peru. Specimen A: Very choice bright silvery grey sharp crystals to nearly 1 cm in size associated with bright brassy and iridescent CHALCOOPYRITE crystals to 1 cm in size, odd bright Pyrites crystals and light brown translucent Sphalerite crystals to  $\frac{1}{4}$ " in size, all richly scattered over elongated slightly milky to clear QUARTZ crystals to 1" in length. Very fine display specimen.  $5 \times 4 \times 2\frac{1}{2}$ ", £4.00. Specimen B: Choice bright silvery-grey sharp crystals to  $\frac{1}{4}$ " in size intergrown on a  $1\frac{1}{2} \times 1$ " area of matrix of elongated milky quartz crystals to over 1" in length, and with bright brassy chalcopyrite and pyrites crystals scattered over the rest of the specimen.  $3\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £23.00. Specimen C: Bright silvery-grey sharp crystals to 1 cm in size thickly intergrown on matrix with odd slender quartz crystals and a little pinkish rhombic Rhodochrosite crystals in association.  $2\frac{1}{2} \times 2\frac{1}{4}$ ", £17.00. Specimen D: Bright silvery-grey sharp crystals to 8 mm in size scattered and intergrown on both sides of matrix with small needly quartz crystals, pinkish rhombic rhodochrosite crystals and a little pyrites in association.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £13.00. Specimen E: Bright silvery-grey sharp crystals to  $\frac{1}{4}$ " in size scattered over slender slightly milky quartz crystals covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
95. VANADINITE. Broken Hill, Zambia. Unusual yellowish-brown pure banded mass with a botryoidal surface.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
96. WILLEMITE. Tsumeb, Otavi, S.W. Africa. Fine transparent sharp clear to creamy crystals to 4 mm in size forming a pure cellular intergrown mass.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
97. WOLFRAMITE. Hingston Down, nr. Callington, Cornwall. Rich bright blackish blades embedded in quartz/arsenopyrite matrix with small sharp arsenopyrite crystals lining cavities.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p
98. WULFENITE. Los Lamentos, Chihuahua, Mexico. Specimen A: Choice bright orangey tabular crystals to 1 cm in size richly scattered over creamy crystallised calcite matrix.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £11.00. Specimen B: Bright orangey sharp tabular crystals to  $\frac{1}{4}$ " in size free standing on creamy calcite matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p. Specimen C: As specimen B, with crystals to  $\frac{1}{4}$ " in size.  $1\frac{1}{2} \times 1$ ", £3.25p
99. ZINCKENITE. Wolfsberg, Harz, Germany. Silvery-grey rod-like elongated crystals and crystalline masses scattered over blackish sphalerite on matrix.  $3 \times 1\frac{1}{2}$ ", £14.00



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ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

OCTOBER 1978

1. ADULARIA. St. Gotthard, Ticino, Switzerland. Large creamy sharp crystals partially coated with greenish chlorite, forming an intergroup group. Largest crystal is over 1" in size.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £5.50p
2. ALBITE. Binmental, Valais, Switzerland. Choice lustrous translucent creamy large tabular crystal showing parallel growth of it's faces.  $2\frac{3}{4} \times 2\frac{1}{4} \times \frac{1}{4}$ ", £9.00
3. AMBLYGONITE. Montebas, Creuze, France. Solid creamy-white cleavage mass.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.50p
4. ANATASE. Prenteg, nr. Tremadog, Caernarvonshire, N. Wales. Specimen A: Choice lustrous dark brownish sharp crystals to 4 mm in size richly scattered over matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £13.00. Specimen B: Fine sharp lustrous brownish crystals to 3 mm in size associated with creamy sharp ALBITE crystals covering the surface and lining cavities in matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen C: Lustrous sharp brownish crystals to 2 mm in size associated with creamy Albite crystals on matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p
5. ANDRADITE GARNET variety MELANITE. San Benito Co., California, U.S.A. Sharp bright black crystals to 4 mm in size richly covering both sides of matrix.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.50p
6. ANGLESITE. Broken Hill, N.S. Wales, Australia. Small sharp clear sparkling crystals covering a reticulated mass of large creamy DERUSSITE crystals.  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £11.00
7. APATITE. Panasqueira, Beira-Beixa, Portugal. Select transparent intergrown cluster of sharp light greenish well formed hexagonal crystals, the largest being 1" in size.  $1\frac{1}{2} \times 1 \times 1$ ", £13.00
8. APATITE variety FRANCOLITE. Clitters Mine, Gunnislake, Cornwall. Rich crusts of minute sparkling clear crystals on altered granite matrix. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.25p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", 1.25p
9. ARAGONITE, Rowrah, West Cumberland. Select divergent spray of lustrous creamy-white spear-like crystals on brownish limonite matrix. Largest crystals over 1" in length.  $3 \times 2 \times 1\frac{1}{2}$ ", £9.00
10. ATACAMITE. Mina la Ferola, Copiapo, Chile. Specimen A: Choice bright green sharp radiated crystal sprays richly covering greenish-blue chrysocolla coated matrix.  $2\frac{3}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £11.00. Specimen B: Bright green sharp bladed crystals thickly intergrown on matrix with a little greenish chrysocolla.  $2 \times 1\frac{3}{4} \times \frac{1}{4}$ ", £6.50p.
11. AUGITE. Bail Hill, Sanquhar, Dumfries, Scotland. Sharp lustrous well formed greenish-black crystals to  $\frac{1}{4}$ " in size partially embedded in brecciated basalt matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
12. AZURITE. Chessy, Rhone, France. Lustrous deep blue crystals, some partially coated and altered to silky green malachite, to  $\frac{1}{4}$ " in size scattered and intergrown in a  $1\frac{1}{2}$ " cavity in limonitic matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £11.00

13. BARYTES. Wilsons Level, Hilton Mine, Scardale, Westmoreland. Specimen A: Fine sharp lustrous creamy spear-like crystals mostly around 1 cm in size thickly encrusting calcite matrix.  $4\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ", £13.00. Specimen B: As specimen A,  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00. Specimen C: As specimen A,  $3 \times 2 \times 1\frac{1}{4}$ ", £6.50p. Specimen D: As specimen A,  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", All the above specimens are attractive for display.
14. BARYTES. Silverband Mine, Dun Fell, Westmoreland. Fine clear sharp terminated tabular crystals to 1" in size forming an intergrown group.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
15. BARYTES. Shangulowe, Katanga, Zaire. Sharp wedge shaped clear crystals to  $\frac{1}{4}$ " in size scattered over deep green botryoidal banded MALACHITE.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.50p
16. BORNITE. Red-a-Ven Mine, Meldon, Devon. Rich purple tarnished masses associated with wollestonite hornfels, together with a little silvery arsenopyrite and waxy masses of MALAYAITE. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £5.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
17. BOURNONITE. Julcani Mine, Junin Prov., Peru. Specimen A: Choice bright silvery-grey twinned cog-wheel crystals to 5 mm in size aggregated and scattered over matrix and associated with well formed brownish-black Sphalerite crystals and sharp lustrous milky quartz crystals to  $\frac{3}{4}$ " in size. Attractive specimen.  $4\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ", £24.00. Specimen B: Sharp silvery-grey twinned cog-wheel crystals to 4 mm in size richly scattered over shiny sharp milky quartz crystals with minor golden crystals of Pyrites.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00. Specimen C: Sharp silvery-grey twinned cog-wheel crystals to 4 mm in size scattered over milky quartz crystals with minor brownish-black Sphalerite crystals.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
18. CALCITE. Cammock Gals Mine, Weardale, Co. Durham. Specimen A: Select creamy-white sharp platy hexagonal crystals to  $\frac{3}{4}$ " in diameter thickly encrusting quartz matrix with odd small pyrites crystals and lustrous milky pyramidal Quartz crystals in association. Choice specimen for display.  $4 \times 3\frac{1}{2} \times 3$ ", £14.00. Specimen B: Sharp creamy-white platy hexagonal crystals to over 1" in size thickly encrusting quartz matrix, with the reverse side of the specimen encrusted with translucent lustrous pyramidal quartz crystals to  $\frac{3}{4}$ " in size.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
19. CALCITE. Tynebottom Mine, Garrigill, Cumberland. Sharp lustrous creamy nail-head crystals to  $1\frac{1}{4}$ " in size forming an attractive intergrown group.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
20. CALCITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. Fine clear slightly creamy coloured terminated hexagonal crystal  $\frac{3}{4}$ " in length implanted on matrix with small creamy dolomite crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p
21. CALCITE. Stank Mine, Ulverstone, Lancs. Sharp lustrous creamy to transparent complexly terminated crystals to  $\frac{3}{4}$ " in size thickly covering brownish limonitic matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
22. CALCITE. Naica, Chihuahua, Mexico. Creamy-white small sharp spiky crystals aggregated in sheaves and richly covering matrix with well formed bright brassy striated PYRITES crystals to  $\frac{1}{2}$ " in size in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £6.50p
23. CARROLLITE. Kambove, Katanga, Zaire. Rich bright silvery masses embedded in dolomite with pinkish crystals and masses of SPHAEROCOBBALITE.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.50p
24. CASSITERITE. Polbreen Mine, St. Agnes, Cornwall. Lustrous blackish sharp twinned crystals to 4 mm in size thickly encrusting slaty matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00.
25. CASSITERITE. Wheal Reshleigh claywork, St. Blazey, Cornwall. Lustrous light to dark brownish crystals and masses to  $\frac{3}{4}$ " in size scattered on greyish needle tourmaline on quartz/cassiterite veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00
26. CASSITERITE variety RUBY TIN. San Luis Potosi, Mexico. Select cluster of lustrous reddish well formed intergrown crystals to 4 mm in size. This specimen was collected from a fumerole, and is of most unusual occurrence.  $\frac{3}{4} \times \frac{1}{2}$ ", £8.00
27. CASSITERITE variety ALLUVIAL TIN. Redmoor, Lanivet, Cornwall. Very rich brownish mass associated with blackish tourmaline and brecciated slate and quartz. Exterior rounded and with an old label attached stating the weight, 3 lbs 10 ozs. Unusually large and rich specimen for a Cornish alluvial deposit.  $4\frac{1}{2} \times 3\frac{1}{2} \times 3$ ", £13.00
28. CELESTITE. Girgenti, Sicily, Italy. Select lustrous light bluish elongated terminated crystals aggregated in sprays and covering celestite/sulphur matrix. Sprays are mostly about 1" in size. Good display specimen.  $4\frac{1}{2} \times 3\frac{1}{2} \times 3$ ", £14.00
29. CERUSSITE. Log-y-Las Mine, Pontytridgyroes, Cardiganshire, Wales. Transparent clear to creamy sharp twinned tabular crystals to  $\frac{1}{4}$ " in size intergrown in a  $1\frac{1}{4}$ " cavity in slaty matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £4.50p



- ALCOPYRITE. Dreisler, Gauerland, Germany. Specimen A: Fine bright golden sharp crystals, some with an iridescent tarnish, to  $\frac{1}{4}$ " in size, thickly scattered over creamy white coxcomb crystallised BARYTES.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £8.00. Specimen B: As specimen A, with chalcocopyrite crystals to 5 mm in size,  $3 \times 2\frac{1}{2}$ ", £4.50p
30. CHROME DIOPSIDE. Outokumpo, E. Finland. Lustrous lime-green elongated bladed crystal masses to  $\frac{1}{2}$ " in length embedded in quartz matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
32. CHRYSOCOLLA. Kolwezi, Katanga, Zaire. Lustrous deep greenish glassy mass showing a well banded structure in places.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
33. NATIVE COPPER. Poldory Mine, Gwennap, Cornwall. Tarnished metallic cellular mass with well formed crystals on the surface and with sharp deep reddish CUPRITE crystals to 4 mm in size dotted over both sides.  $2\frac{1}{2} \times 2$ ", £13.00
34. NATIVE COPPER. Pembroke Mine, near St. Austell, Cornwall. Thick tarnished coppery hackly sheet with minor fragments of quartz attached and a little greenish Malachite, and with pyramidal impressions of quartz crystals showing on both sides of the copper.  $4\frac{1}{2} \times 3 \times \frac{1}{2}$ ", £13.00
35. CREDNERITE. Mendip Hills, Somerset. Bright black platy crystal masses embedded in one end of creamy calcite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
36. DUFTITE. Tsameb, Otavi, S.W. Africa. Rich olive-green sparkling micro crystals and cellular masses associated with large glassy well formed CERUSSITE crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
37. EPIDOTE variety PISTACITE. near Genoa, Italy. Lustrous olive-green sharp crystals mostly around 3-4 mm in size thickly encrusting matrix.  $2 \times 1\frac{1}{2}$ ", £3.25p
38. FLUORITE. Cammock Eals Mine, Weardale, Co. Durham. Select translucent large purplish single cubic crystal with minor creamy sharp platy hexagonal Calcite crystals on one side, and with a dusting of small brassy pyrites crystals on the reverse side.  $3 \times 2\frac{3}{4} \times 2\frac{1}{2}$ ", £13.00
39. GADDOLINITE. Ytterby, near Stockholm, Sweden. Rich lustrous blackish masses with pegmatite.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.25p
40. GALENA. Castro Virreyano Mine, near Lima, Peru. Unusual very bright metallic grey lenticular shaped crystals to 1 cm in size thickly encrusting a sphalerite/pyrites matrix with odd small creamy Calcite crystals in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.00
41. GALENA. Castro Virreyano Mine, near Lima, Peru. Very bright silvery-grey sharp modified crystals to  $\frac{1}{2}$ " in size forming an intergrown group with gemmy translucent golden-brown Sphalerite crystals, a 1 cm sized bright silvery-grey TETRAHEDRITE crystal, and thin clusts of minute pale brown Siderite crystals on one side.  $2 \times 1\frac{1}{2} \times 1$ ", £8.00
42. IRREGULAR GARNET. Lake Jaco, Chihuahua, Mexico. Select lustrous sharp pinkish crystal with smaller crystals attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
43. GYROLITE. Catcairn, Co. Antrim, N. Ireland. Silky white botryoidal masses and platy crystals covering basalt matrix with odd sharp creamy APOPHYLLITE crystals to 1 cm in size in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
44. HARMOTOME. Bellsgrave Mine, Strontian, Argyllshire, Scotland. Specimen A: Sharp lustrous creamy-white twinned crystals to 1 cm in size scattered over calcite matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen B: Sharp twinned creamy-white crystals to nearly 1 cm in size intergrown on calcite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
45. HEMIMORPHITE. Mina Ojuela, Durango, Mexico. Specimen A: Fine clear sharp terminated tabular crystals to 1 cm in length thickly covering and free standing on limonitic matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00. Specimen B: Fine clear elongated terminated tabular crystals to 1 cm in length thickly covering both sides of limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen C: Fine clear sharp tabular crystals to  $\frac{1}{4}$ " in size thickly encrusting a pipe-like mass of limonite.  $2\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ", £2.75p
46. HEMIMORPHITE. La Esmeralda Mine, Chihuahua, Mexico. Select turquoise blue silky botryoidal masses thickly covering matrix. Specimen A, with both sides covered in hemimorphite,  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen B: with both sides covered,  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £6.50p
47. HOLLANDITE. Soharas Mt., Ultevis Range, Kvickjokk, Sweden. Rich fibrous metallic grey crystal masses embedded in quartz. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.50p. Specimen B:  $2\frac{1}{2} \times 1 \times 1$ ", £3.25p

48. HUEBNERITE. Paste Buena, near Lima, Peru. Specimen A: Fine lustrous sharp dark reddish divergent spray of tabular terminated crystals 2" long by  $\frac{1}{4}$ " wide, attached to a group of elongated terminated milky quartz crystals to  $\frac{1}{2}$ " in length on quartz matrix. Nice display specimen.  $3 \times 2\frac{1}{4} \times 2\frac{1}{2}$ ", £23.00. Specimen B: Select lustrous dark reddish-brown tabular crystal sprays, approx  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p each.
49. HYDROKERUSSITE. Mendip Hills, Somerset. Rich creamy-white platy crystalline mass with minor cerussite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.50p
50. HYDROZINCITE. Parc Mine, Llanrust, N. Wales. Very rich snow-white ripple-marked thick crusts covering matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £4.50p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.25p
51. IDOGRASE. Lake Jaco, Chihuahua, Mexico. Large lustrous sharp terminated yellowish crystal  $1 \times 1 \times 1$ " in size with a sharp GROSSULAR GARNET crystal  $1\frac{1}{4} \times 1$ " in size attached. Overall size  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
52. JOSEITE. Carrock Mine, Carrock Fell, Cumberland. Rich silvery-grey metallic plates in quartz matrix.  $1\frac{1}{2} \times 1 \times \frac{3}{8}$ ", £3.25p
53. KESTERITE (= Iso-Stannite). Cligga Mine, Perranzabuloe, Cornwall. Very rich greyish metallic mass with quartz and a little arsenopyrite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.50p
54. KYANITE. Pizzo Forno, Ticino, Switzerland. Fine light blue transparent to translucent elongated bladed crystals to  $1\frac{1}{2}$ " in length embedded in creamy schist with elongated brownish crystals of STAUROLITE.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £13.00
55. LAZURITE. Graves Mt., Georgia, U.S.A. Light blue well formed crystal nearly 1" in size partially embedded in creamy matrix with other crystal sections of lazurite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p
56. LOPARITE. Hedrum, Vestfold, Norway. Lustrous blackish mass 1 cm in size in feldspar rich matrix, together with pinkish Catapleite, and blackish elongated crystals of Aegirine.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £2.75p
57. MALACHITE. Nchanga Mine, near Kitwe, Zambia. Bright deep green small sharp crystals thickly covering the surface of massive malachite overlying deeper green banded Pseudomalachite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £13.00
58. MANGANITE. Ilfeld, Harz, Germany. Very choice bright blackish sharp elongated terminated crystals to  $\frac{3}{8}$ " in length richly scattered over and free standing on crystalline manganese matrix with a little creamy Barytes in association. Fine old specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £135.00
59. MARCASITE. Treece, Kansas, U.S.A. Select light brassy sharp metallic crystals mostly around 8mm to 1cm in size, thickly covering matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.50p
60. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous light orangey crystal sheaves to  $\frac{1}{4}$ " in size richly intergrown on dolomite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p
61. MUSCOVITE. Governador Valadares, Minas Gerais, Brazil. Fine golden sharp platy crystals to  $\frac{3}{8}$ " in size thickly intergrown on crystalline muscovite matrix.  $3 \times 3 \times 2$ ". £5.50p
62. NEPHELINE. Monte Somma, Vesuvius, Italy. Sharp glassy terminated hexagonal crystals to 3 mm in size richly covering a  $1\frac{1}{4} \times 1\frac{1}{4}$ " area of basalt matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.75p
63. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Small sharp lustrous olive green crystals thickly lining cavities in cellular brown gossan.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.25p
64. ORPIMENT. Napoleon Vein, Quiruvilca, Libertad Dept., Peru. Fine bright orangey sharp terminated transparent crystals mostly around  $\frac{1}{4}$ " in size very richly scattered all over pyritic matrix with odd small sharp HUTCHINSONITE crystals.  $5\frac{1}{2} \times 4\frac{1}{2}$ ", £68.00
65. PHARMACOSIDERITE. Wheal Pendarves, Camborne, Cornwall. Small sharp light greenish cubic crystals lining a  $\frac{3}{8}$ " cavity on one end of matrix.  $2 \times 1$ ", £3.25p
66. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Sparkling light green small sharp cubic crystals very richly lining numerous large cavities in cellular quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £13.00
67. PREHNITE. Dean Qry., St. Keverne, Lizard, Cornwall. Specimen A: Lustrous lime green sharp crystals mostly around 3-4 mm in size thickly encrusting botryoidal prehnite covering gabbro matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £6.50p. Specimen B: Select lustrous lime green crystal sheaves to over  $\frac{1}{4}$ " in size thickly intergrown on massive prehnite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p



- WRITES. Quiruvilca, Libertad Dept., Peru. Very choice bright brassy sharp pyritohedral crystals to  $\frac{1}{2}$ " in size thickly intergrown and completely covering the surface and sides of massive pyrites matrix, with odd brownish-black spherulite crystals in places. Fine display specimen.  $4 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £28.00
69. PYRITES - octahedral crystals. Quiruvilca, Libertad Dept., Peru. Very sharp bright brassy octahedral crystals intergrown on massive pyrites. Specimen A, with crystals to over  $\frac{1}{2}$ " in size,  $2 \times 1\frac{1}{2} \times 1$ ", £11.00. Specimen B, with crystals to  $\frac{1}{2}$ " in size,  $1\frac{1}{2} \times 2 \times \frac{3}{4}$ ", £4.50p
70. PYRITES. Wheel Mary Ann, Menheniot, Cornwall. Bright brassy modified cubic crystals to 5 mm in size richly intergrown on milky pyramidal quartz crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
71. PYROMORPHITE. Braubach, Emms-Nassau, Germany. Very choice lustrous light brown sharp hexagonal crystals and crystal clusters to 1 cm in size richly scattered and intergrown all over cellular quartz matrix. Choice display specimen.  $5 \times 4\frac{1}{2} \times 1\frac{1}{4}$ ", £68.00
72. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Sharp dark brassy metallic hexagonal crystals to 8 mm in size associated with milky quartz crystals covering matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
73. QUARTZ. Val Tavetsch, Grisons, Switzerland. A fine clear well terminated flat tabular crystal with long flat light golden inclusions of RUTILE. In some cases the rutile has been leached out leaving long hollow casts within the quartz. A most unusual and interesting specimen.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £13.00
74. QUARTZ. Idarado Mine, Silverton, Colorado, U.S.A. Slender well formed and terminated milky crystals to over 1" in length completely covering and free standing on matrix, with a later deposition of creamy Calcite frosting the quartz crystals.  $6 \times 3 \times 1\frac{1}{2}$ ", £13.00
75. QUARTZ. Gillfoot Mine, Egremont, Cumberland. Sharp transparent doubly terminated pyramidal crystals to  $\frac{3}{4}$ " in size intergrown on matrix with odd bright black plates of Specularite and light brown saddle-shaped crystals of Dolomite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
76. RAMMELSBERGITE. Lainjaur, Lappland, Sweden. Silvery metallic masses with much bronzy niccolite in matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p
77. RENIERITE. Kipushi, Katanga, Zaire. Very rich bronzy metallic mass with odd spots of spherulite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00
78. RUBY CORUNDUM. Mysore district, India. Fine lustrous raspberry coloured hexagonal crystals and crystal sections to 1" in size showing good triangular growth patterns, associated with creamy calcite and platy brown muscovite mica. Very rich specimen.  $4 \times 2\frac{1}{2} \times 2$ ", £13.00
79. RUTILE. Creag-na-Caillich, Killin, Perthshire, Scotland. Lustrous reddish-brown elongated striated crystals scattered in milky quartz. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.25p
80. SCHEELITE. Carrock Mine, Carrock Fell, Cumberland. Small sharp pale brown octahedral crystals lining a  $\frac{1}{2}$ " cavity in quartz/wolfenite matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
81. SCHOLZITE. Reaphook Hill, Flinders Range, S. Australia. Creamy-white sharp needle crystals to  $\frac{1}{4}$ " in length thickly lining and infilling cavities in cellular limonitic matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £6.50p
82. SCORODITE. Hemerdon Ball wolfram openwork, Plympton, Devon. Fine sharp olive-green crystals to 3 mm in size richly intergrown all over, and lining cavities in cellular quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £13.00
83. SPECULARITE. Florence Mine, Egremont, Cumberland. Bright black sparkling platy crystals associated with clear sharp doubly terminated pyramidal quartz crystals completely covering hematite matrix.  $4 \times 3\frac{1}{2} \times 1$ ", £23.00
84. SPHALERITE var. RUBY BLENDE. Treece, Kansas, U.S.A. Choice translucent large orangey-brown to orange well formed crystals to  $\frac{3}{4}$ " in size thickly intergrown on matrix.  $4 \times 3 \times 2\frac{1}{4}$ ", £17.00
85. SPHALERITE. Castro Virreyana Mine, near Lima, Peru. Bright brownish-black large sharp crystals with a bluish metallic tarnish, to  $\frac{1}{2}$ " in size, dotted on matrix with small clear quartz crystals, odd bright pyrites crystals, and odd bright silvery-grey sharp tetrahedrite crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
86. STILBITE. Poona, near Bombay, India. Large lustrous creamy-white crystal sheaves to 2" in size intergrown on one end of basalt matrix.  $5 \times 3 \times 2\frac{1}{2}$ ", £8.00
87. STILBITE. Mullealey, N.S. Wales, Australia. Lustrous orangey crystal sheave with minute sparkling creamy quartz crystals encrusting the termination.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p

88. STOLZITE. Baggestorp, Sweden. Creamy masses embedded in quartz/wolframite matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ "  
£2.50p
89. STRONTIANITE. Clausthal, Harz, Germany. Creamy-white crystal sprays to  $\frac{1}{4}$ " in size scattered  
and intergrown on coxcomb barytes matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
90. NATIVE SULPHUR. Agrigento, Sicily, Italy. Fine sharp transparent crystal  $\frac{3}{8}$ " in size,  
implanted on calcite/bitumen matrix with a smaller  $\frac{1}{4}$ " sized crystal.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
91. TARBUITITE. Broken Hill, Zambia. Sharp transparent glassy crystals richly lining numerous  
cavities in cellular limonitic matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
92. TETRAHEDRITE. Casapalca, Junin Prov., Peru. Very large silvery-grey well formed crystals  
to 1" in size intergrown on matrix with a little drusy crystallised quartz and odd  
bright Galena crystals to  $\frac{1}{2}$ " in size.  $3\frac{3}{4} \times 3 \times 1\frac{1}{4}$ ", £33.00
93. METALLIC TIN. Chy-an-Dour works, Penzance, Cornwall. Silvery-grey metallic mass of tin  
metal (known as drip-tin) formed by spillage from the furnaces.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
94. TORBERNITE. Chinkolobwe, Katanga, Zaire. Specimen A: Deep green sharp platy crystals to  
5 mm in size thickly intergrown and completely covering matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £33.00.  
Specimen B: Bright green platy crystals to  $\frac{1}{4}$ " in size thickly intergrown and covering  
both sides of matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £11.00
95. TOURMALINE variety DRAVITE. Yinnietharra, W. Australia. Select lustrous brown sharp doubly  
terminated single crystals. Specimen A:  $2\frac{3}{4} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £7.00. Specimen B:  $1\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
96. WAVELLITE. Highdown Qry., Filleigh, Devon. Very rich silky golden radiated hemispherical  
masses to 1 cm in diameter richly covering altered slate matrix. Very fine specimen  
for this location.  $5 \times 2\frac{3}{4} \times 1\frac{1}{2}$ ", £11.00
97. WITHAMITE. Glencoe, Argyllshire, Scotland. Light reddish crystalline masses infilling  
cavities in basalt matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p
98. WULFENITE. Los Lamentos, Chihuahua, Mexico. Choice bright orangey transparent tabular  
crystals to 1 cm in size intergrown and scattered on creamy calcite matrix. Specimens  
approx  $1\frac{1}{4} \times 1$ " in size, £4.50p each.
99. ZOISITE var. THULITE. Lom, Norway. Solid light pink crystalline mass.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p

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GEMCRAFT EXPO, COMMONWEALTH INSTITUTE, KENSINGTON HIGH STREET, LONDON W8

Saturday and Sunday, 21st & 22nd October 1978, 10 am to 6 pm each day.

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Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

NOVEMBER 1978

1. ACTINOLITE. Kyle of Lochalsh, Ross-shire, Scotland. Fine lustrous olive-green broad elongated tabular crystals and crystal sections with minor schist matrix. Specimen A:  $3 \times 3 \times 1\frac{1}{2}$ " with crystals to  $2\frac{1}{2}$ " in length, £6.50p. Specimen B:  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", with crystals to  $1\frac{1}{2}$ " in length, £3.75p. Specimen C:  $2 \times 1\frac{1}{4}$ ", with crystals to  $1\frac{1}{2}$ " in length, £1.50p.
2. ALGODONITE. Mowhawk Mine, Keweenaw Pen., Michigan, U.S.A. Very rich bronzy/metallic masses associated with a little quartz. Specimen A:  $2 \times 2 \times 2$ ", £9.00. Specimen B:  $1\frac{1}{2} \times 1 \times 1$ ", £4.50p
3. ANATASE. St. Gotthard, Ticino, Switzerland. Sharp lustrous blackish crystals to 4 mm in size scattered over matrix with small quartz crystals.  $2 \times 1\frac{1}{2}$ ", £9.00
4. APATITE. Panasqueira, Beira-Beixa, Portugal. Select translucent sea-green sharp doubly terminated hexagonal crystal with smaller crystals attached.  $23 \times 20 \times 18$  mm, £6.50p
5. APOPHYLLITE. Poona, nr. Bombay, India. Specimen A: Choice lustrous creamy-white sharp large crystals to 2" in size, scattered on matrix with pale olive-coloured crystalline balls of GYROLITE to 5 mm in size. Good display specimen.  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00. Specimen B: Clear creamy-white sharp crystals to  $\frac{1}{2}$ " in size intergrown and scattered on matrix with small glassy Quartz crystals and pale greenish crystal masses of Prehnite.  $3 \times 2\frac{1}{2} \times 2$ ", £5.75p.
6. ARAGONITE. Monte Ponì, Iglesias, Sardinia. Select creamy-white ramifying coralloidal mass of good shape for display.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £5.50p
7. ARGENTITE. Comstock lode, Virginia City, Nevada, U.S.A. Very rich heavy dull greyish masses with minor native silver intergrowths. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £17.00. Specimen B:  $2\frac{1}{4} \times 1\frac{1}{2}$ ", £7.00.
8. ARSENOFYLITE. New Rosewarne Mine, Gwinear, Cornwall. Large tarnished sharp crystals to  $\frac{1}{2}$ " in size intergrown on matrix and associated with creamy elongated Quartz crystals and lustrous blackish Sphalerite crystals.  $3\frac{1}{4} \times 2 \times 1$ ", £14.00
9. ARSENOFYLITE. Panasqueira, Beira-Beixa, Portugal. Bright silvery sharp striated crystals to  $\frac{1}{2}$ " in size associated with well formed bright brassy CHALCOPHYLLITE crystals to  $\frac{1}{2}$ " in size on matrix.  $2 \times 2$ ", £9.00
10. AZURITE. Broken Hill, N.S. Wales, Australia. Fine bright blue sharp elongated terminated crystals to  $\frac{1}{2}$ " in length, intergrown and scattered on one end of matrix, with minor greenish malachite. Choice old specimen.  $2 \times 1\frac{1}{4} \times 1$ ", £24.00
11. BARYTOCALCITE. Blagill Mine, Alston Moor, Cumberland. Sharp clear to creamy coloured elongated crystals to  $\frac{1}{4}$ " in length lining cavities in brecciated barytocalcite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p.
12. BAYLDONITE. Brandygill Mine, Caldbeck Fells, Cumberland. Rich light green coatings and cellular masses covering and lining cavities in quartz/limonite veinstuff.  $3 \times 2\frac{1}{2} \times 2$ ", £4.50p

13. BORNITE. South Caradon Mine, St. Cleer, Cornwall. Rich solid attractively tarnished purple metallic mass.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ " , £4.50p
14. CALCITE. Naica, Chihuahua, Mexico. Choice lustrous creamy sharp hexagonal crystals to 1" in size, most having flat terminations, intergrown in parallel position to form a most interesting specimen rather resembling a crank-shaft in shape.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £14.00
15. CALCITE. Tsumeb, Otavi, S.W. Africa. Sharp clear rhombic crystals mostly around  $\frac{1}{2}$ " on face edge, intergrown on matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ " , £6.50p
16. CARPHOLITE. Wippra, Harz, Germany. Rich golden radiated crystalline mass.  $2 \times 1\frac{1}{2}$ " , £4.50p
17. CASSITERITE. Milberry Mine, Lanivet, Cornwall. Very rich heavy deep brown crystalline vein section with altered slate walls. An old label is attached to the specimen.  $5\frac{1}{2} \times 3\frac{1}{2}$ " by 2" wide. £11.00
18. CASSITERITE. Storey's Creek, Tasmania, Australia. Choice bright black sharp twinned crystal showing parallel growth on it's faces.  $1\frac{1}{2} \times 1$ " , £14.00
19. CERARGYRITE. Broken Hill, N.S. Wales, Australia. Dull brownish pure cellular crystalline mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ " , £9.00
20. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Fine sharp creamy lustrous twinned sixling crystal 1" in size, implanted on cellular matrix, with odd smaller twinned crystals.  $3\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £8.00
21. CHALCOSIDERITE. Phoenix Mine, Linkinhorne, Cornwall. Deep green sharp crystals to 2 mm in size scattered and lining cavities in cellular ferruginous matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ " , £6.50p
22. CLINOZOISITE. Lom, Norway. Lustrous dark olive-green elongated crystal section  $1\frac{1}{2}$ " in length embedded in pegmatite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £1.50p
23. COBALT DAWSONITE. Valle Benedetta, Livorno, Italy. Light purplish to creamy radiated masses lining joints in a brecciated matrix.  $2 \times 1\frac{1}{2} \times 1$ " , £3.25p
24. COBALTITE. Mt. Cobalt, Selwyn Ranges, Queensland, Australia. Bright silvery metallic cubic crystals and crystal sections to  $\frac{1}{4}$ " in size richly embedded in schistose matrix with a little needly crystallised Erythrite in places.  $2\frac{1}{2} \times 2$ " , £4.50p
25. NATIVE COPPER. Bisbee, Cochise Co., Arizona, U.S.A. Select coppery metallic ramifying dendritic crystallised mass with minor matrix attached.  $3\frac{1}{2} \times 2$ " , £6.50p
26. NATIVE COPPER. Goochilly Down, Lizard, Cornwall. Ramifying sheet-like mass coated with reddish cuprite, greenish chrysocola and odd fragments of serpentine, on a matrix of altered serpentine. Overall size  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " , £8.00
27. NATIVE COPPER. Carn Brea Mine, Illogan, Cornwall. Rich pure cellular crystallised dendritic mass. Very interesting specimen collected in the early part of the last century.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ " , £11.00
28. NATIVE COPPER. Calumet Mine, Keweenaw Pen., Michigan, U.S.A. Fine large ramifying sculptural mass of elongated well formed crystals, with odd fragments of calcite in places. Individual crystals range up to  $\frac{1}{2}$ " in size. Very choice old specimen, with an old label accompanying it.  $7\frac{1}{2} \times 6 \times 1$ " , £78.00
29. CUPRITE. Wheal Virgin, Gwennap, Cornwall. Pure deep red cellular mass of intergrown small sharp octahedral crystals.  $3 \times 2 \times 1\frac{1}{4}$ " , £14.00
30. CUPRITE. Copper Queen Mine, Bisbee, Cochise Co., Arizona, U.S.A. Very rich bright reddish mass with small bright green needly MALACHITE crystals lining cavities, together with odd small crystals of blue Azurite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £4.75p
31. CUPRITE. Wheal Damsel, Gwennap, Cornwall. Rich deep reddish cellular crystallised mass with minor quartz gossan.  $2 \times 1\frac{1}{2} \times 1$ " , £4.50p
32. DIOPHASE. Mindouli, Niari River, Zaire. Bright emerald green sharp crystals to  $\frac{1}{4}$ " in size lining a  $1 \times \frac{1}{4}$ " cavity in crystalline diopase matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ " , £14.00
33. ELIXENITE. Unneland, Evje, Norway. Rich lustrous brownish-black masses in pegmatite.  $1\frac{1}{2} \times 1\frac{1}{4}$ " , £1.75p
34. FLUORITE. Heights Mine, Weardale, Co. Durham. Fine transparent to translucent sharp cubic crystals to 1" in size intergrown together on fluorite matrix. The crystals have an unusual light purplish colour, with the edges of each crystal having a more intense colouration than the centres.  $4 \times 4 \times 1\frac{1}{2}$ " , £16.50p



35. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Transparent pale sea-green coloured sharp cubic crystals to  $\frac{3}{8}$ " in size forming an intergrown group, with odd small creamy CALCITE crystals, a little brownish Siderite, and a sharp brassy twinned Chalcopyrite crystal 5 mm in size, scattered over the fluorite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1"$ , £11.00
36. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Fine lustrous purple sharp cubic crystals to  $\frac{1}{2}$ " in size forming an intergrown group. Fine specimen for display.  $9\frac{1}{2} \times 6\frac{1}{2} \times 1\frac{1}{2}"$ , £28.00
37. GALENA. Blackdene Mine, Weardale, Co. Durham. Bright silvery-grey sharp cube-octahedral crystal  $1 \times 1"$  in size associated with transparent light purplish cubic Fluorite crystals to  $\frac{1}{2}$ " in size.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £4.50p
38. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Lustrous sharp blackish elongated crystals to 5 mm in length intergrown and scattered on radiated crystalline goethite matrix, with odd small cavities also lined with crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £8.00
39. HEMATITE. Rio Marina, Isle of Elba, Italy. Large bright blackish sharp platy crystals to 1" in size forming an intergrown group on platy crystalline hematite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}"$ , £8.00
40. HEULANDITE. Poona, near Bombay, India. Lustrous creamy-white sharp terminated tabular crystals mostly around 1 cm in size thickly covering matrix, with a  $\frac{1}{4}$ " sized creamy sheaf of STILBITE crystals implanted on one edge.  $4\frac{1}{2} \times 3"$ , £11.00
41. HISINGERITE. Penlee Qry., Newlyn, Cornwall. Rich blackish mass covering altered greenstone matrix.  $2\frac{1}{2} \times 2 \times 2"$ , £4.50p
42. HORNBLENDE. Arendal, Aust-Agder district, Norway. Well formed lustrous blackish terminated crystals and crystal sections to over  $\frac{1}{2}$ " in length scattered in and on calcite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}"$ , £4.50p
43. MICHONSONITE. Quiruvilca, Libertad District, Peru. Very choice lustrous blackish sharp elongated terminated crystals to 5 mm in length richly scattered all over pyrite/quartz veinstuff with large orangey-yellow sharp terminated ORPIMENT crystals to 1" in size. Very fine example of this rare mineral.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}"$ , £125.00
44. INESITE. Hale Creek Mine, Trinity Co., California, U.S.A. Light pink sharp crystals to 8 mm in size intergrown on calcite/inesite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £6.50p
45. JACOBSITE. Langban, Wermland, Sweden. Rich black crystal sections associated with calcite and with thin reddish crusts of Litharge.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £4.50p. Specimen B: Rich blackish crystalline mass.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1"$ , £1.50p
46. JAMESONITE. Bodannon Mine, Port Isaac, Cornwall. Silvery-grey metallic silky crystalline mass with milky quartz and minor yellowish Bismuthite in places.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}"$ , £5.50p
47. JAROSITE. Laurium, Attica District, Greece. Sharp lustrous light brown crystals to 3 mm in size lining numerous cavities in cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £11.00
48. LEADHILLITE. Redgill Mine, Caldbeck Fells, Cumberland. Creamy-white platy crystalline masses lying flat and scattered on quartz/galena veinstuff. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £3.50p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £2.75p
49. LISKEARDITE. Penberthy Croft Mine, St. Hilary, Cornwall. Rich whitish crusts lining cavities in cellular gossany matrix.  $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{4}"$ , £2.25p
50. MAGNETITE. Taversella, Piedmont, Italy. Lustrous black sharp crystals to  $\frac{1}{4}$ " in size lining cavities in and scattered over massive magnetite/calcite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £7.00
51. MALACHITE. Tsumeb, Otavi, S.W. Africa. Bright green sharp feathery crystals to 3 mm in size covering hematite rich matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £4.75p
52. MALACHITE. Burra-Burra, Yorke Pen., S. Australia. A ball-like mass of bright green malachite replacing azurite crystals to  $\frac{1}{4}$ " in size, and with areas of bright blue unaltered Azurite in places.  $2 \times 2 \times 1\frac{1}{2}"$ , £8.00
53. MALACHITE. Kambove, Katanga, Zaire. Very fine bright green concentrically banded slab which has been cut and polished. Very attractive specimen for display, with the banding being particularly well developed.  $5 \times 4"$ , £33.00
54. MANGANOCALCITE. Mendip Hills, Somerset. Specimen A: Light pink lustrous botryoidal masses thickly covering dog-tooth calcite crystals lining large cavities in pyrolusite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £8.00. Specimen B: As specimen A, with the manganocalcite lining one  $1 \times 1"$  cavity in the matrix,  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £3.25p



55. MARCASITE. Panasqueira, Beira-Beixa, Portugal. Fine bright light brassy sharp bladed crystals showing parallel growth of their faces; to over  $\frac{1}{2}$ " in size, richly intergrown on arsenopyrite matrix with odd silvery sharp Arsenopyrite crystals and a little creamy crystallised Calcite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £14.00
56. MENDIPITE. Mendip Hills, Somerset. Lustrous slightly pinkish creamy-white bladed crystalline mass  $1\frac{1}{2} \times \frac{3}{4}$ " in size, embedded in creamy crystalline Hydrocerussite in pyrolusite matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £22.00
57. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Small sharp lustrous olive-green crystals richly lining numerous cavities in cellular quartz matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £7.00
58. PHARMACOSIDERITE. Craddock Moor Mine, St. Cleer, Cornwall. Small light green sharp cubic crystals covering areas of and lining cavities in quartzose matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $2 \times 1\frac{1}{2} \times 1$ ", £3.25p
59. PHOSPHURANYLITE. Clóff lode, Wheal Edward, St. Just, Cornwall. Rich light yellow crusts covering the surface and sides of altered slate matrix.  $2\frac{1}{2} \times 2 \times 1$ ", £4.50p
60. PIEMONTE. St. Marcel, Piedmont, Italy. Rich dark reddish-brown bladed crystals and masses associated with quartz. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
61. PSEUDOMALACHITE. Värneberg Mine, Rheinbreitbach, Germany. Small lustrous sharp deep green crystals lining cavities in and encrusting areas of milky quartz/pseudomalachite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £16.50p
62. PSEUDOMALACHITE. Bampfylde Mine, N. Molten, Devon. Rich deep green crusts and cellular masses coating and lining cavities in quartz/hematite veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £1,50p
63. PSILOMELANE. Trebartha Larnar, North Hill, Cornwall. Select lustrous black pure botryoidal and stalactitic mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
64. PSILOMELANE. Moldava, Banat District, Hungary. Bright lustrous black botryoidal mass covering iridescent tarnished Chalcopyrite with a little quartz.  $2 \times 2 \times 1\frac{1}{2}$ ", £4.75p
65. PYRITES. Castro Virreyña Mine, near Lima, Peru. Fine bright brassy sharp striated complex crystals to 5 mm in size associated with bright black crystals of SPHALERITE and light brown curved saddle-shaped crystals of Siderite. Very attractive specimen.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
66. PYROMORPHITE. Mine les Farges, Creuse, France. Fine lustrous orangey-brown sharp tapering hexagonal crystals mostly around  $\frac{1}{4}$ " in size thickly covering both sides of a creamy-white barytes crystal.  $1\frac{1}{2} \times 1$ ", £22.00
67. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. A large sharp mostly complete bright deep bronzy hexagonal single crystal, with small sharp silvery ARSENOPIRITE crystals scattered in places.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
68. SMOKY QUARTZ. River Secchia, Reggio, Italy. A sharp dark smoky coloured terminated hexagonal crystal  $\frac{3}{8}$ " in size implanted in a hollow in creamy-white anhydrite matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
69. QUARTZ. Diamantina, Minas Gerais, Brazil. Sharp glassy clear pyramidal crystals to over 1" in size forming an intergrown group, with some of the crystals having inclusions of reddish-brown hair-like crystals of RUTILE, and with other crystals showing inclusions of mica and chlorite.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £7.00
70. QUARTZ. Dauphine Alps, Isere, France. Sharp clear hexagonal crystals, some showing smoky ghosted interiors, to 1" in size, forming an intergrown group with odd small sharp Anatase crystals on the reverse side of the specimen.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
71. QUARTZ. Panasqueira, Beira-Beixa, Portugal. A fine elongated large single well terminated mostly clear crystal, with the sides partially encrusted with small creamy calcite and pale brown siderite crystals. 8" long by  $1\frac{1}{2} \times 1\frac{1}{2}$ " across the axis. £13.00
72. QUARTZ. Wheal Jane, Kea, Cornwall. Select translucent to transparent elongated milky crystals to  $\frac{1}{4}$ " in length forming an attractive group with odd small cubic pyrites crystals in places.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
73. QUARTZ. Hallemoor Mine, Egremont, Cumberland. Clear slightly smoky sharp doubly terminated crystals to over  $\frac{1}{2}$ " in size covering the surface and one side of hematite matrix, with odd bright black platy Specularite crystals and odd creamy barytes crystals in association.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00



- QUARTZ. Levant Mine, Fendson, Cornwall. Sharp bright clear pyramidal crystals mostly around  $\frac{1}{4}$ " in size thickly covering milky quartz matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p
75. RENARDITE. Shankolobwe, Katanga, Zaire. Light yellow micro crystals lining small cavities in quartzose matrix, with odd small green torbernite and sergierite crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
76. RHODOCHROSITE. Kassandra, Chalkidiki, Greece. Lustrous light pinkish small crystals and crystal masses richly covering areas of sphalerite/pyrites matrix, with small quartz crystals and odd bright twinned silvery-grey EOLANITE crystals to 5 mm in size in places. Nice display specimen.  $5\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ", £17.00
77. RUBY CORUNDUM. Salt Bridge, Limpopo River, Rhodesia. Select purply-pink well formed large hexagonal single crystal with odd fragments of muscovite mica attached.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £8.00
78. SCHEELITE. Zinnwald, Bohemia, C.S.S.R. Sharp lustrous light brown octahedral crystals mostly around 2-3 mm in size richly covering large areas of quartz/wolframite matrix, with odd large plates of zinnwaldite mica.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £27.00
79. SIDERITE. Morro Velho goldmine, Minas Gerais, Brazil. Fine lustrous light brown lenticular crystals to  $\frac{1}{2}$ " in size associated with creamy rhombic Dolomite crystals to  $\frac{1}{4}$ " in size, and odd small sharp brassy Pyrrhotite crystals to 2 mm in size, all covering matrix.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £8.00
80. NATIVE SILVER. Cobalt, Ontario, Canada. Rich tarnished silvery sheet-like mass associated with a little dolerite and greyish masses of cobaltite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £9.00
81. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Sharp clear rhombic crystals to 4 mm in size thickly covering an intergrown mass of crudely formed Galena crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.50p
82. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Lustrous creamy-yellow well formed crystals to  $\frac{1}{4}$ " in size intergrown on both sides of matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p
83. SPHALERITE. Hydraulic Shaft, Smalcleugh Mine, Nanthead, Cumberland. Fine bright black sharp crystals to over  $\frac{1}{2}$ " in size dotted on minute whitish quartz crystals covering limestone matrix.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £11.00. Specimen B: Bright black sharp crystals to 1 cm in size scattered over whitish coated limestone matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen C: As specimen B,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
84. SPHALERITE. Trepcja, Yugoslavia. Bright black sharp crystals to  $\frac{1}{4}$ " in size covering matrix, with creamy white translucent crystal masses of CALCITE + 1 cm in size scattered in places, and with the reverse side of the specimen completely encrusted with intergrown creamy Calcite crystals.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
85. SPHALERITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. Large bright black well formed crystals showing parallel growth of their faces to  $1\frac{1}{4}$ " in size, forming an intergrown group with a little creamy Dolomite in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
86. SPHALERITE. Wheal Jane, Kea, Cornwall. Bright black sharp crystals to 5 mm in size scattered on matrix and associated with small clear quartz crystals and sharp silvery arsenopyrite crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
87. STIBNITE. Knipes Mine, New Cumnock, Ayrshire, Scotland. Very rich bright silvery-grey bladed crystalline mass with slight alteration to yellowish stibiconite on one side.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.25p
88. STICHTITE. Dundas, Tasmania, Australia. Purplish slickensided mass covering altered serpentine matrix.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £5.50p
89. STROMEYERITE. Smuggler Mine, Aspen, Colorado, U.S.A. Tarnished dark greyish metallic masses on and in milky quartz with odd small patches of native silver.  $3 \times 2 \times 1\frac{1}{4}$ ", £4.50p
90. TARNOWITZITE. Mendip Hills, Somerset. Lustrous creamy divergent spray of elongated crystals 1" in length, projecting into a  $1\frac{1}{2}$ " cavity lined with creamy to pinkish Manganocalcite covering dog-tooth calcite crystals in calcite/pyrolusite matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £3.25p
91. TETRAHEDRITE. Castro Virreyne Mine, near Lima, Peru. A large sharp silvery-grey single tetrahedral crystal with smaller crystals growing out of the surface, together with odd clear quartz crystals.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
92. VARISCITE. Hot Springs, Garland Co., Arkansas, U.S.A. Bright apple green rich botryoidal crusts richly covering areas of brecciated matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £4.50p
93. VARLAMOFFITE. Bunny Mine, Hensbarrow Moor, Cornwall. Rich creamy-yellow masses in quartzose matrix with minor muscovite mica and pale bluish turquoise. Specimen A;  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p

94. WERMLANDITE. Langban, Wermland, Sweden. Pale yellowy-green platy crystals scattered on granular creamy dolomite matrix,  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p
95. WITHERITE. Rosiclare, Hardin Co., Illinois, U.S.A. Fine sharp creamy terminated hexagonal crystals to 1" in size intergrown and scattered on matrix with small calcite crystals and odd light purplish fluorite crystals.  $3 \times 2\frac{1}{2} \times 2$ ", £13.00
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Our apologies for the late issue of the november listing, which was due to our attending both the London and Munich shows at the end of october. Fine specimens, both British and Foreign, which were aquired at Munich, will be featured on the December list.

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V.A.T. NO.: 132-7852-67

ORDERING INFORMATION

Mail orders are promptly filled and despatched on a 7-day examination basis, subject to approval. Immediate refund guaranteed on return of the specimen(s), in good condition.

Please quote the name and number of the specimen(s) required, and enclose P.O./Cheque with order. All prices are inclusive of V.A.T.

No charge is made for postage and packing, except for overseas customers and postage over 75p.

We reserve the right to make slight substitutions, if necessary, unless advised to the contrary.

Special requests and "wants lists" are welcome.

We hope that we may be of some service to you, and assure you of our best attention at all times.

DECEMBER 1978 Pikes Peak, Colorado, U.S.A.

1. **AMAZONITE**. Select lustrous greenish terminated crystal  $1\frac{1}{4} \times 1$ " in size with slightly smokey quartz attached.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
2. **ANAPAITE**. Bellaver de Cardena, Gerona, Spain.  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity in a mudstone nodule, completely lined with small sharp light olive coloured lustrous crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
3. **ANGLESITE**. Montoponi, near Iglesias, Sardinia. Sharp terminated tabular crystals to 5 mm in size richly scattered and intergrown on galena matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £11.00
4. **APATITE**. Botallack Head, St. Just, Cornwall. Lustrous creamy hexagonal crystal sections to over  $\frac{1}{2}$ " in size embedded in brownish garnet matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £3.25p
5. **ARAGONITE**. Molina de Aragon, Spain. Specimen A: Two sharp translucent purplish hexagonal crystals, one being  $1\frac{1}{2} \times 1\frac{1}{4}$ ", the other  $1\frac{1}{4} \times 1\frac{1}{4}$ " in size, joined together. Overall size  $3 \times 2 \times 1\frac{1}{2}$ ", £6.50p. Specimen B: A large translucent purplish sharp hexagonal crystal with smaller crystals attached.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.50p. Specimen C: Sharp purplish translucent hexagonal crystal with another attached on one end.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.25p. All these specimens are of excellent colour and perfection.
6. **ARAGONITE**. Rowrah, nr. Frizington, Cumberland. Sharp transparent spear-like crystals to  $\frac{1}{4}$ " in size covering ankerite matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p
7. **ARAGONITE**. Laurium, Attica district, Greece. Fine turquoise-blue fibrous mass with the surface covered with remifying tubose 'flos-ferri'. Very attractive specimen for display.  $7 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £16.50p
8. **NATIVE ARSENIC**. Kusa Mine, near Bau, Sarawak, Borneo. Specimen A: Choice greyish metallic mass with a little quartz, stibnite and realgar, with a bright botryoidal surface.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £14.00. Specimen B: Very rich greyish mass with a little quartz, stibnite and spots of realgar.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00. Specimen C: as specimen B,  $2 \times 1\frac{1}{2} \times 1$ ", £4.50p. Specimen D: rich greyish metallic mass with a botryoidal structure on one side,  $1\frac{1}{2} \times 1$ ", £2.50p
9. **ARSENOPYRITE**. Parrall, Chihuahua, Mexico. Specimen A: Very bright silvery sharp diamond-shaped crystals to  $\frac{1}{4}$ " in size thickly intergrown on and lining cavities in massive arsenopyrite matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £11.00. Specimen B: Choice bright silvery sharp crystals to over  $\frac{1}{2}$ " in size forming an intergrown group with a little quartz on the reverse side.  $2 \times 1\frac{1}{2} \times 1$ ", £6.50p
10. **ATACAMITE**. La Parola Mine, Copiapo, Chile. Specimen A: Lustrous bright green sharp bladed crystals mostly around 4-5 mm in size, thickly covering matrix.  $2 \times 1\frac{1}{2}$ ", £6.50p. Specimen B: Bright green rod-like crystals to 4 mm in size aggregated in areas on chrysocolla matrix.  $2 \times 1\frac{1}{2}$ ", £2.25p

11. AURICHALCITE. 79 Mine, Hayden, Gila Co., Arizona, U.S.A. Specimen A: Very choice bright turquoise blue needle crystals completely covering cellular limonitic matrix with a little crystallised Calcite. The reverse side shows cavities lined with star-like crystal aggregates of aurichalcite. Very choice display specimen.  $5 \times 3\frac{1}{2}$ " , £33.00. Specimen B: Fine turquoise blue radiated needle crystals 'balls' to  $\frac{1}{4}$ " in size, very attractively scattered over blackish botryoidal goethite on limonitic matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £23.00. Specimen C: Fine turquoise blue radiated crystal balls to over  $\frac{1}{4}$ " in size thickly covering limonitic matrix with odd cavities lined with small sharp Hemimorphite crystals.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ " , £11.00
12. AXINITE. Botallack Head, St. Just, Cornwall. Lustrous sharp terminated clove-brown crystals to  $\frac{1}{2}$ " in size intergrown on crystalline axinite.  $1\frac{1}{2} \times 1 \times 1$ " , £6.50p
13. AZURITE. Chessy, Rhone, France. Bright blue sharp crystals to 8 mm in size thickly lining cavities to 1" in size in crystalline azurite/creamy clay matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ " , £38.00
14. BARYTES. Carbonate Shake, Murton Mine, Scordale, Westmoreland. Select divergent spray of sharp clear well terminated large tabular crystals, the largest being  $3 \times 2$ " in size.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ " , £8.00
15. BARYTES. New Glencrieff Mine, Warlockhead, Dumfries, Scotland. Lustrous creamy-white sharp crystals to 1" in size forming an intergrown group.  $2\frac{1}{2} \times 2$ " , £3.50p
16. BENITOITE. San Benito Co., California, U.S.A. Choice sharp light cornflower-blue crystals to  $\frac{1}{4}$ " in size scattered and partially embedded on white natrolite matrix, with several bright blackish sharp elongated NEPTUNITE crystals to 1 cm in size.  $3 \times 2$ " , £28.00
17. BERYL variety AQUAMARINE. Teofilo Otoni, Minas Gerais, Brazil. Select clear pale greenish sharp elongated terminated single crystals showing interesting growth patterns. Each approx  $1\frac{1}{2}$ " long by 1 cm across the axis. £3.50p each.
18. BEUDANTITE. Wheal Carpenter, Gwinear, Cornwall. Rich crust of minute sparkling dark olive coloured crystals covering quartz veinstuff, with cavities on the reverse side of the specimen lined with crystals.  $2 \times 1\frac{1}{2} \times 1$ " , £4.50p
19. BORNITE. Dolcoath Mine, Camborne, Cornwall. Very rich purple tarnished metallic mass with golden chalcopyrite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £4.50p
20. BORNITE. Carn Brea Mine, Illogan, Cornwall. Small sharp tarnished crystals scattered in cavities in cellular quartzose veinstuff.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ " , £4.50p
21. BOURNONITE. Julcani Mine, Junin Prov., Peru. Specimen A: Well formed dark grey cog-wheel crystals to  $\frac{1}{4}$ " in size scattered over an intergrown group of bright golden pyritohedral PYRITES crystals to over  $\frac{1}{2}$ " in size.  $2\frac{1}{2} \times 2\frac{1}{4}$ " , £23.00. Specimen B: Bright silvery-grey sharp cog-wheel crystals to 4 mm in size scattered all over a cellular matrix with odd sharp black Sphalerite crystals, a little Pyrites, and on the reverse side, sharp rod-like silvery crystals of Arsenopyrite.  $3 \times 2 \times 1\frac{1}{4}$ " , £23.00. Specimen C: A sharp dark grey twinned cog-wheel crystal 1 cm in size implanted on an intergrown group of bright golden pyritohedral PYRITES crystals to  $\frac{1}{2}$ " in size.  $2 \times 1$ " , £13.00. Specimen D: Bright silvery-grey sharp cog-wheel crystals to 4 mm in size scattered over cellular matrix with a little Pyrites and Quartz.  $1 \times 1$ " , £8.00
22. CALCITE. St. Andreasberg, Harz, Germany. Fine lustrous creamy stout hexagonal flat terminated crystals to 1" in size thickly intergrown on matrix. Choice old specimen.  $3\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{2}$ " , £28.00
23. CALCITE. Levant Mine, Pendeen, Cornwall. Sharp creamy translucent platy hexagonal crystals to 1 cm in size thickly intergrown on milky quartz veinstuff.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ " , £4.75p
24. CASSITERITE. Trevaunance Mine, St. Agnes, Cornwall. Large lustrous brownish well formed crystals to  $\frac{1}{2}$ " in size intergrown on one side of crystalline cassiterite/slate matrix.  $3 \times 2 \times 1\frac{1}{2}$ " , £13.00
25. CASSITERITE. Bojewans tin-stream works, Sancreed, Cornwall. Rich dark brown mass intermixed with milky quartz crystal sections and showing fibrous 'wood-tin' structure in places. One side of the specimen has been cut & polished.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £3.50p
26. CARPHOLITE. 4th of July Mine, San Benito Co., California, U.S.A. Specimen A: Golden yellow bladed crystals to 5 mm in length scattered sparsely over ferruginous matrix with odd patches of reddish Cinnabar.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ " , £6.50p. Specimen B: Golden yellow platy crystals aggregated in areas on ferruginous matrix with traces of cinnabar.  $1\frac{1}{2} \times 1\frac{1}{4}$ " , £2.50p



- CERUSSITE. Redburn Mine, Rookhope, Co. Durham. Choice creamy reticulated mass of jaskstraw crystals to 1" in length with light brownish limonite in places.  $3 \times 2 \times 1 \frac{1}{2}$ ", £16.50p
28. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Fine transparent glassy tabular twinned crystal showing internal growth patterns. Very nice clean specimen.  $1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £9.00
29. CHA COCITE. Wheal Cock, St. Just, Cornwall. Bright silvery-grey well formed hexagonal crystals showing interesting growth structures on their faces, to 1 cm in size intergrown on and with cellular quartzose veinstuff.  $2 \times 1 \frac{1}{2} \times 1$ ". £23.00
30. CHALCOOCITE. Crenver & Abraham Mine, Crown, Cornwall. Bright silvery-grey intergrown group of sharp crystals, showing smaller crystals covering larger crystals to 1 cm in length.  $1 \frac{1}{2} \times 1$ ", £28.00
31. CHILDRENITE. George & Charlotte Mine, nr. Tavistock, Devon. Specimen A: Bright golden-brown sharp crystals to 2 mm in size richly covering a 1" area on quartz/siderite matrix.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £8.00. Specimen B: Bright golden-brown sharp crystals to 2 mm in size aggregated in a  $\frac{3}{4}$ " area on chloritised slate/quartz matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £5.50p
32. CHRYSOCOLLA. Inspiration Mine, Miami, Arizona, U.S.A. Very rich bright turquoise-blue pure banded masses with minor chalcedonic quartz. Very attractive and colourful samples. Specimen A:  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £5.50p. Specimen B:  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £2.75p
33. CINNABAR. Almaden, Ciudad Real, Spain. Specimen A: Bright red sharp crystals and crystal sections to 3 mm in size richly lining cavities and joints in quartzite matrix, with the uppermost surface mostly covered in crystalline cinnabar.  $4 \times 2 \frac{1}{2} \times 1$ ", £14.00. Specimen B: Bright red sharp crystals and crystal sections to 3 mm in size covering a  $1 \frac{1}{2} \times 1 \frac{1}{2}$ " area on quartzite matrix.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ", £9.00. Specimen C: Bright red crystals to 3 mm in size lining a 1" cavity in dark quartzite matrix.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £6.50p
34. CLINOCLASE. Wheal Gorland, St. Day, Cornwall. Specimen A: Bright deep blue small sharp crystals richly lining numerous cavities in cellular quartzose veinstuff.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £8.00. Specimen B: Bright blue crystals to 3 mm in size lining cavities in cellular quartz with a little Olivenite.  $1 \frac{1}{2} \times 1$ ", £4.50p
35. COLUSITE. Tramway Mine, Butte, Montana, U.S.A. Very rich tarnished metallic masses with a little pyrites in association. Specimen A:  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ", £8.00. Specimen B:  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £4.50p
36. CONNELLITE. Perran St. George Mine, Perranzabuloe, Cornwall. Sky blue fibrous banded solid mass with a botryoidal surface.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £5.50p
37. NATIVE COPPER. Mufulira Mine, Zambia. Choice bright metallic mass of sharp spiky crystals forming a branch-like dendritic shape, with minor fragments of quartz in places. Attractive specimen for display.  $6 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £28.00
38. COVELLITE. Leonard Mine, Butte, Montana, U.S.A. Specimen A: Pure bright purple crystalline platy mass with a little golden pyrites and large areas of metallic grey DIGENITE in association.  $3 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ", £9.00. Specimen B: Pure bright purplish platy crystalline mass with a little golden pyrites.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £4.50p. Specimen C: As specimen B,  $2 \frac{1}{2} \times 1 \frac{1}{4}$ ", £2.25p
39. CRONSTEDTITE. Wheal Jane, Kea, Cornwall. Bright blackish sharp crystals to 1 mm in size richly covering parts of elongated quartz crystals on quartz/pyrites matrix.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ", £8.00
40. CRYOLITE. Ivigtut, Greenland. Rich creamy-white masses with a little light brown siderite, golden chalcopyrite and odd spots of galena. Specimen A:  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{4}$ ", £2.75p. Specimen B:  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £1.75p
41. CUPRITE. Poldory Mine, Gwennap, Cornwall. Choice lustrous deep red sharp octahedral crystals to 5 mm in size richly covering both sides of massive cuprite/quartz matrix.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{4}$ ", £27.00
42. DIGENITE, Leonard Mine, Butte, Montana, U.S.A. Very rich tarnished metallic grey masses with minor pyrites and quartzose matrix. Specimen A:  $3 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £7.00. Specimen B:  $2 \frac{1}{2} \times 1 \frac{1}{4}$ ", £4.50p. Specimen C:  $1 \frac{1}{2} \times 1 \times 1$ ", £2.50p
43. DIOPTAISE. Tsumeb, Otavi, S.W. Africa. Very fine bright emerald green sharp crystals to 1 cm in size scattered all over small creamy rhombic Calcite crystals covering matrix, with a large cavity on the reverse side also lined with dioptraise crystals to 1 cm in size. Very choice specimen for display.  $5 \times 3 \frac{1}{2} \times 2$ ", £275.00
44. CUPRITE. Phoenix Mine, Linkinhorne, Cornwall. Very rich deep red mass with much silky bright green malachite lining cavities.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £8.00

45. DAVIDITE. Radium Hill, Glary, S. Australia. Rich lustrous brownish-black masses with a little quartz and biotite mica. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2}$ " , £5.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £3.00
46. DOLOMITE. Florence Mine, Egremont, Cumberland. Lustrous creamy sharp curved saddle-shape crystals richly covering one side of deep reddish botryoidal 'kidney hematite' with large areas of small sparkling black specularite crystals.  $5 \times 3 \times 1\frac{1}{2}$ " , £13.00
47. ENARGITE. Quiruvilco, Libertad Dept., Peru. Sharp bright metallic gray terminated crystals to 5 mm in size associated with golden pyritohedral pyrites crystals covering matrix. Specimen A:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £9.00. Specimen B:  $1\frac{1}{2} \times 1$ " , £5.50p
48. FLUORITE. Mine le Box, Puy-de-Dome, France. Turquoise-blue clear sharp cubic crystals to  $\frac{1}{2}$ " in size intergrown and scattered over a thin membrane of quartz. Some of the crystals show a nice internal colour banding.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " , £28.00
49. FLUORITE. Musquiz, Conhuils, Mexico. Specimen A: Fine deep purple translucent sharp cubic crystals with stepped faces, to  $\frac{1}{2}$ " in size, forming an intergrown group.  $4 \times 3\frac{1}{2} \times 2$ " , £13.00. Specimen B: Transparent deep purple large sharp cubic crystal with stepped faces  $1\frac{1}{2} \times 1\frac{1}{2}$ " in size, implanted on smaller crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £9.00
50. FLUORITE. Caravia Mine, Asturias, Spain. Light purple translucent sharp cubic crystals with stepped faces to nearly  $\frac{1}{2}$ " in size, richly intergrown and scattered on bright pyramidal Quartz crystals covering quartz matrix.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " , £8.00
51. FLUORITE. Heights Mine, Weardale, Co. Durham. Transparent light green to purplish sharp twinned cubic crystals to 1 cm in size scattered all over minute quartz crystals on ironstone matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £7.00
52. FLUORITE. Burtree Pasture Mine, Weardale, Co. Durham. Select light purple inter-penetrant twinned single crystal showing internal banding.  $1 \times 1$ " , £1.25p
53. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Choice bright silvery-grey sharp and large single cubic crystal showing attachment on the base.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £18.00
54. GALENA. Handsome Man Vein, Smallcraugh Mine, Nenthead, Cumberland. Specimen A: Metallic grey well formed cubic crystals to 1" in size scattered over creamy-brown dolomite crystals covering limestone matrix.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " , £12.00. Specimen B: Well formed metallic grey cubic crystal  $1\frac{1}{4} \times 1\frac{1}{4}$ " in size implanted on matrix with a little pyrites.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £6.50p
55. GALENA. Water Springs, Cherokee Co., Kansas, U.S.A. Sharp silvery-grey cubic crystals showing interesting growth patterns on their faces, to over  $\frac{1}{2}$ " in size, scattered over matrix with sharp deep brown lustrous SPHALERITE crystals to  $\frac{1}{4}$ " in size.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £8.00
56. GETCHELLITE. Getchell Mine, Humboldt Co., Nevada, U.S.A. Rich deep lustrous red crystalline masses scattered in orpiment/realgar matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1$ " , £6.50p. Specimen B: very rich in getchellite,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ " , £5.50p
57. HEMIMORPHITE. La Esmeralda Mine, Chihuahua, Mexico. Specimen A: Select turquoise-blue silky botryoidal mass thickly covering both sides of matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £9.00. Specimen B: As specimen A,  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " , £6.50p. Colourful specimens.
58. JUNITOITE. Christmas Mine, Hayden, Arizona, U.S.A. Creamy-white platy crystals scattered in areas on matrix with a little bluish Kinoite. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ " , £7.00. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " , £4.50p
59. KOTTIGITE. Mina Ojuela, Mopimi, Durango, Mexico. Specimen A: Bright sage-green sharp bladed crystals aggregated in radiated star-like groups to 4 mm in size and scattered all over limonitic matrix.  $3\frac{1}{2} \times 1\frac{1}{2}$ " , £14.00. Specimen B: Sage-green tabular crystals aggregated in star-like groups to 5 mm in size with a little crystallised Selenite on both sides of limonitic matrix.  $1 \times 1$ " , £9.00
60. LEPIDOLITE. Vorutensk, N. Sweden. Specimen A: Sharp hexagonal bright lavender coloured crystal books to  $\frac{3}{8}$ " in size scattered in pegmatite matrix with odd pinkish sections of Rubellite tourmaline.  $3 \times 2\frac{1}{2} \times 2$ " , £5.50p. Specimen B: As specimen A, but without the rubellite.  $2 \times 2 \times 1\frac{1}{2}$ " , £3.50p
61. LEUCITE. Roccamonfina, Naples, Italy. Sharp creamy-white crystal with minor matrix attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ " , £4.75p
62. LIBETHENITE. Miguel Varcos Mine, Alentejo, Portugal. Sharp bright olive green crystals mostly around 1-2 mm in size very richly scattered all over matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ " , £11.00



62. **LIEBIGITE.** Scherertzschlager Mine, Jefferson Co., Colorado, U.S.A. Lime green well formed crystals and crystal crusts thickly covering the surface and one side of matrix.  $2 \times 1$ ", £8.00
64. **LINDGRENITE.** Inspiration Mine, Miami, Arizona, U.S.A. Light green scaly crystals lying flat on areas of matrix. Specimen A:  $2 \times 2 \times 1$ ", £4.50p. Specimen B:  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £2.50p
65. **LQLLINGITE.** Tremearne Cliff, near Porthleven, Cornwall. Rich silvery metallic mass  $2 \times \frac{3}{4}$ " in pegmatite matrix.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ", £3.25p
66. **MAGNETITE.** Haytor Mine, Haytor Vale, Dartmoor, Devon. Bright black sharp octahedral crystals to 3 mm in size richly covering magnetite/actinolite matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £2.50p
67. **MARCASITE.** Jpollin, Missouri, U.S.A. Bright golden metallic sharp spear-like crystals mostly around 5 mm in size thickly covering matrix with a little creamy calcite.  $4 \times 2 \frac{1}{2}$ ", £8.00
68. **MARGUINNESSITE.** Mendocino Co., California, U.S.A. Specimen A: Rich turquoise blue silky crystalline crust covering matrix.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £8.00. Specimen B: Thin turquoise blue crusts covering areas of matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £3.25p
69. **MENEHINITE.** Pacific Qry., Santa Cruz Co., California, U.S.A. Rich silvery grey metallic masses in skarn matrix. Specimen A:  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{4}$ ", £6.50p. Specimen B:  $2 \times 1 \frac{1}{2}$ ", £4.50p. Specimen C:  $1 \frac{1}{2} \times 1 \times 1$ ", £2.25p
70. **NATIVE MERCURY.** Socrates Mine, Sonoma Co., California, U.S.A. Bright silvery globules and patches richly scattered on and in matrix.  $2 \frac{1}{2} \times 1 \frac{1}{2}$ ", £3.25p
71. **MOTTRAMITE.** Tsumeb, Otavi, S.W. Africa. Sparkling deep brown micro crystals thickly covering a crystallised mass of Descloisite.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ", £4.50p
72. **MIMETITE variety CAMPYLITE.** Drygill Mine, Calbeck Fells, Cumberland. Bright orangey sharp barrel shaped crystals mostly around 4-5 mm in size thickly covering black psilomelane coating quartz veinstuff. Very rich specimen for display.  $5 \times 3 \frac{1}{2} \times 1 \frac{1}{2}$ ", £28.00
73. **ORPIMENT.** Napoleon Vein, Quiruvilca, Libertad Province, Peru. Specimen A: Very choice bright orangey sharp terminated crystals to 1 cm in size thickly covering a braced crystalline matrix, with numerous lustrous deep red sharp HUTCHINSONITE crystals to 4 mm in length scattered on the reverse side.  $4 \times 3 \frac{1}{2} \times 1 \frac{1}{2}$ ", £110.00. Specimen B: Bright orangey sharp crystals mostly around 8 mm in size thickly encrusting matrix, with small orpiment and barytes crystals covering the reverse side.  $4 \frac{1}{2} \times 2 \frac{1}{2}$ ", £34.00. Specimen C: Sharp bright orangey translucent crystals to 1 cm in size forming an intergrown group.  $1 \frac{1}{2} \times 1$ ", £9.00
74. **PAPAGOITE.** New Cornelia Mine, Ajo, Arizona, U.S.A. Specimen A: Minute bright blue crystals and rich crusts covering areas of reddish matrix.  $2 \frac{1}{2} \times 2 \frac{1}{4}$ ", £11.00. Specimen B: Bright blue thick crust covering matrix.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ", £5.50p
75. **PARATACAMITE.** Levant Mine, Pendean, Cornwall. Deep green small sharp sparkling crystals thickly covering large areas on both sides of quartz veinstuff.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ", £9.00. Specimen B: As specimen A, but with both sides completely covered in crystals,  $2 \times 1 \frac{1}{4}$ ", £6.50p
76. **PARAHOPPEITE.** Broken Hill, Zambin. Creamy coloured crystals and crystal sheaves to 5 mm in size richly covering large areas of a cellular parahoppeite/limonite matrix.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ", £11.00
77. **PENTLANDITE.** Bonanza Oreboddy, Kambalda, W. Australia. Solid pure brassy metallic masses. Specimen A:  $3 \frac{1}{2} \times 2 \frac{1}{4} \times 1 \frac{1}{4}$ ", £5.50p. Specimen B:  $1 \frac{1}{2} \times 1 \frac{1}{4}$ ", £2.25p
78. **PYRITES.** Wheal Jane, Kee, Cornwall. Unusual bright brassy mass showing a brilliant botryoidal surface with cubic crystal faces in places.  $2 \frac{1}{2} \times 2 \frac{1}{4} \times 1 \frac{1}{4}$ ", £4.50p
79. **PYRITES.** Govorano Mine, Tuscany, Italy. Specimen A: Bright brassy sharp cubic crystals to  $\frac{1}{4}$ " in size thickly intergrown and forming a dome-shaped specimen entirely composed of crystals.  $4 \frac{1}{2} \times 2$ " by  $2 \frac{1}{2}$ " high, £28.00. Specimen B: Bright brassy sharp striated pyritohedral crystals to  $\frac{3}{8}$ " in size thickly intergrown on massive pyrites matrix.  $3 \times 2 \frac{1}{2} \times 2$ ", £9.00. Specimen C: Complex sharp bright striated crystals to  $\frac{1}{4}$ " in size forming an intergrown group.  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{4}$ ", £5.50p
80. **PYRITES.** Near Logronio, Spain. Brilliant brassy perfect sharp single cubic crystals. These are perfectly formed with clean undamaged faces. Specimen A:  $30 \times 30 \times 30$  mm, £5.50p. Specimen B:  $22 \times 22 \times 22$  mm, £4.50p
81. **PYROMORPHITE.** Mine les Farques, Creuse, France. Bright translucent orangey to light brown sharp elongated hexagonal crystals mostly around 4-6 mm in size, thickly scattered over both sides of a group of large creamy white barytes crystals.  $4 \frac{1}{2} \times 3 \frac{1}{2} \times 2 \frac{1}{2}$ ", £64.00

82. QUARTZ. Gillfoot Mine, near Egremont, West Cumberland. Transparent sharp doubly terminated crystals to over  $\frac{1}{2}$ " in size intergrown on hematite matrix with lustrous brown curved saddle-shaped crystals of Dolomite and a little black platy Specularite.  $3 \times 2\frac{1}{2} \times 2$ ", £23.00
83. QUARTZ variety AMETHYST. Veracruz, Mexico. Specimen A: Very choice transparent slender terminated crystals being clear at their bases and grading through to a delicate amethystine shade towards their terminations. The crystals range up to  $1\frac{1}{2}$ " in length and are scattered and free-standing all over matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £33.00. Specimen B: Light purple sceptred well formed terminated crystal  $\frac{3}{4}$ " in length implanted on matrix with smaller crystals.  $1 \times \frac{1}{2} \times 1$ ", £3.25p
84. QUARTZ. Val Tavetsch, Grisons, Switzerland. Clear sharp terminated crystals to  $1\frac{1}{2}$ " in length intergrown on a chlorite/quartz matrix, with light green scales of chlorite included and 'floating' in the quartz crystals.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00
85. HODOCHROSITE. Castro Virreyne Mine, near Lima, Peru. Well formed sharp light pink rhombic crystals to 8 mm in size scattered and intergrown on matrix with small milky quartz crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £14.00
86. SARABAUITE. Sarabau Mine, near Bau, Sarawak, Borneo. Specimen A: Rich lustrous red masses associated with metallic grey Stibnite and a little creamy crystalline Xenotilite and Calcite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen B: Rich red masses in calcite matrix with areas of creamy crystalline Xenotilite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen C: Rich red masses with calcite and Xenotilite.  $1\frac{1}{2} \times 1$ ", £2.25p
87. SHATTUCKITE. New Cornelia Mine, Ajo, Arizona, U.S.A. Very rich bright blue fibrous crystalline masses associated with light greenish AZOITE. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £9.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p. Specimen C:  $1\frac{1}{2} \times 1$ ", £3.25p
88. SMITHSONITE. Broken Hill, Zambia. Lustrous transparent creamy to light brown sharp rhombic crystals to 5 mm in size thickly intergrown all over a cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50
89. SMITHSONITE. Tsamab, Otavi, S.W. Africa. Fine large lustrous creamy rhombic crystals to over  $\frac{1}{2}$ " in size showing parallel growth on their faces, forming an intergrown group.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
90. SPHALERITE. Naica, Chihuahua, Mexico. Bright black sharp crystals with triangular growth patterns on their faces to  $\frac{1}{2}$ " in size, thickly intergrown on massive sphalerite matrix with clusters of small bright Quartz crystals in places.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
91. SPHALERITE. Rompgill Mine, Nenthead, Cumberland. Bright black sharp crystals to 1 cm in size thickly intergrown on both sides of matrix with areas of bright creamy small sparkling quartz crystals.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.50p
92. STANNITE. Wheal Jane, Ken, Cornwall. Rich greyish metallic mass with threads of golden chalcopyrite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.25p
93. STIBICONITE after STIBNITE. Catorce, San Luis Potosi, Mexico. Fine creamy to yellowish sharp striated elongated terminated stibnite crystal entirely replaced by Stibiconite. The crystal is  $6\frac{1}{2}$ " long by  $1 \times 1$ " across the axis, and there is another crystal, well formed and terminated,  $4\frac{1}{2}$ " long attached on one side. Overall size of specimen is  $6\frac{1}{2} \times 2 \times 1$ ", £28.00
94. STIBNITE. Herja, Rumania. Fine bright silvery-grey sharp elongated terminated crystals to  $\frac{1}{2}$ " in length completely covering and free-standing on a cellular matrix, rather resembling a hedgehog in appearance. Choice specimen for display.  $4 \times 3 \times 1\frac{1}{2}$ ", £110.00
95. STILPNOELANE. Lonsverk, Evje, Norway. Olive-green scaly crystalline masses richly scattered on microcline feldspar matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
96. TETRAHEDRITE. Casapalca, Lima Prov., Peru. Specimen A: Very large bright silvery-grey sharp tetrahedral crystals to  $1\frac{1}{2}$ " in size forming an intergrown group with a large lustrous brown Sphalerite crystal  $\frac{1}{2}$ " in size, and a partial later frosting of small bright sparkling Quartz crystals in places. Fine museum display specimen.  $6\frac{1}{2} \times 4 \times 1\frac{1}{2}$ ", £68.00. Specimen B: Large bright silvery-grey sharp crystals to  $1\frac{1}{2}$ " in size forming an intergrown group with a frosting of small sparkling milky quartz crystals in places.  $5 \times 4\frac{1}{2} \times 1\frac{1}{2}$ ", £44.00. Specimen C: Large bright silvery-grey sharp crystals to 1" in size forming an intergrown group with odd lustrous deep brown Sphalerite crystals to  $\frac{1}{4}$ " in size, and with a frosting of bright sharp milky quartz crystals to nearly  $\frac{1}{2}$ " in length covering large areas of the specimen.  $5\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £28.00. Specimen D: Bright silvery-grey sharp crystals to  $\frac{1}{2}$ " in size forming an intergrown group with a frosting of small sharp sparkling milky quartz crystals in places.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £16.50p. Specimen E: Sharp silvery-grey crystals to  $\frac{1}{2}$ " in size forming an intergrown group with a partial coating of small creamy quartz and calcite crystals.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00



97. TOPAZ. Tepetate, San Luis Potosi, Mexico. Clear well formed elongated crystals with a slight reddish colour towards their terminations, to 9 mm in size, intergrown on a cellular matrix. 1x1", £1.75p
98. TORBERNITE. Wheal Edward, St. Just, Cornwall. Sharp light green tubular crystals to 2 mm in size richly scattered all over iron stained quartz veinstuff. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.25p
99. META TORBERNITE. Old Gunnislake Mine, Gunnislake, Cornwall. Bright green platy crystals lying flat on ferruginous matrix. 1x $\frac{3}{4}$ ", £4.50p
100. TOURMALINE variety DRAVITE. Yinnitharra, Western Australia. A large sharp lustrous brown doubly-terminated single crystal showing a multiple termination on one end.  $3\frac{1}{2}$ " long by 3x3" across the axis, £14.00
101. TURQUOISE. Bunny Mine, Hensbarrow Moor, Cornwall. Bright turquoise-blue mass with a little quartz, and with a central cavity showing a cellular crystalline structure.  $2 \times 1\frac{1}{4} \times 1$ ", £3.25p
102. TYROLITE. Falkenstein, Tyrol, Austria. Rich light green lustrous fan-like crystal masses covering areas of milky quartz with a little malachite and azurite. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{4}$ ", £8.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{4}$ ", £4.50p. Specimen C:  $1\frac{1}{2} \times 1$ ", £2.25p
103. ULLMANNITE. Sachendorf, Siegerland, Germany. Solid dark metallic grey heavy crystalline masses. Specimen A:  $1\frac{3}{4} \times 1\frac{1}{4}$ ", £6.50p. Specimen B:  $1\frac{1}{4} \times 1$ ", £4.50p
104. WAVELLITE. Avant, Arkansas, U.S.A. Very choice silky light green hemispherical radiated masses to  $\frac{3}{4}$ " in diameter thickly covering large areas of a light coloured matrix. Some of the masses form complete 'bells' and show a well crystallised exterior. Fine specimen for display.  $3\frac{1}{4} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £14.00
105. WULFENITE. Old Yuma Mine, near Tucson, Arizona, U.S.A. Transparent yellow sharp tabular platy crystals to  $\frac{3}{4}$ " in size scattered on cellular matrix.  $2 \times 1\frac{1}{4} \times 1$ ", £4.50p

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Wishing you a very happy Christmas and good collecting in the New Year !

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