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ORDERING INFORMATION

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

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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.

JANUARY 1980

1. AMETHYST QUARTZ. Thunderbay, Ontario, Canada. Sharp lustrous clear amethystine pyramidal crystals to  $\frac{1}{2}$ " in size covering matrix, some of the crystals have reddish tips. Specimen A:  $2\frac{3}{4} \times 2\frac{1}{4}$ ", £4.75p. Specimen B:  $2\frac{1}{4} \times 1\frac{1}{2}$ ", £3.50p
2. APATITE. Panasqueira, Oeiras-Beixa, Portugal. Very fine sharp transparent to translucent sharp hexagonal light green crystals to  $\frac{1}{2}$ " in diameter scattered and clustered on matrix with deeply etched glassy Quartz crystals to  $\frac{1}{2}$ " in size, sharp bright blackish striated Sphalerite crystals to  $\frac{3}{4}$ " in size, silvery well formed Arsenopyrite crystals and muscovite mica and a little Pyrites. Very fine specimen for museum display.  $6\frac{1}{2} \times 4\frac{1}{2} \times 3$ ", £290.00
3. APATITE. Tremearne Cliff, near Porthleven, Cornwall. Sharp clear pale bluish crystals to  $\frac{1}{4}$ " in size intergrown on a  $\frac{1}{2}$ " area on pegmatite matrix with quartz and gilbertite mica.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £4.50p
4. APOPHYLLITE. Poona, near Bombay, India. Sharp glassy clear crystals with pale greenish centres, to  $\frac{3}{8}$ " in size, intergrown on matrix.  $2 \times 1\frac{1}{4}$ ", £5.50p
5. NATIVE ARSENIC. Joachimsthal, Bohemia, C.S.S.R. Rich greyish masses with minute reddish Proustite crystals in cavities.  $1\frac{1}{2} \times 1 \times 1$ ", £2.75p
6. ATACAMITE. Mina la Farola, Copiapo, Chile. Radiating sprays of deep green lustrous crystals to 1 cm in diameter scattered on matrix.  $2\frac{1}{4} \times 2$ ", £5.00
7. AUTUNITE. Bessines Mine, La Crouzille, Haute-Vienne, France. Very choice bright yellow sharp crystals and crystal clusters thickly covering granite matrix.  $4 \times 2\frac{3}{4} \times 1\frac{1}{4}$ ", £56.00
8. AZURITE. Bou Skour, Jbel Sarhro, Morocco. Well formed deep blue crystals, some coated with and partly altered to greenish Malachite, to 8 mm in size, intergrown on and in limonite matrix with odd pale greenish spots of AGARDITE.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00
9. AZURITE. Tsumeb, Otavi, S.W. Africa. Lustrous deep blue sharp crystals to 4 mm in size scattered on matrix with greenish crusts of crystalline DUFTITE.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £5.00
10. BARICITE. Rapid Creek, Yukon, Canada. Light bluish platy crystal masses with minor matrix. Specimen A:  $2 \times 1\frac{1}{2}$ ", £9.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
11. BARYTES. Mibladen, Atlas Mts., Morocco. Sharp lustrous creamy to pale pinkish clusters of platy cockscomb crystals thickly covering matrix with odd plates of light orangey Wulfenite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £11.00

12. BARYTES. Wilsons lavel, Hilton Mine, Scordale, Westmoreland. Specimen A: Sharp lustrous creamy wedge-shaped crystals to  $\frac{1}{2}$ " in size thickly clustered on creamy calcite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B: Group of lustrous creamy wedge-shaped crystals to 1 cm in size.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
13. BARYTOCALCITE. Fistas Rake, Blagill Mine, Alston Moor, Cumberland. Specimen A: Sharp clear terminated crystals to nearly 1 cm in length lining cavities to 1" in size in barytocalcite/limestone matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen B: As specimen A, but with the crystals being slightly smaller.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.00
14. ELOMSTRANDINE. Kibuland, Iveland, Norway. Pure lustrous black masses showing conchoidal fracture. Each approx 1" in size, £0.80p each.
15. EORNITE. East Pool Mine, Illogan, Cornwall. Very rich solid purplish tarnished mass with a little golden Chalcopyrite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
16. BOTALLACKITE. Lavant Mine, Pendow, Cornwall. Light green wedge-shaped crystals to 3 mm in length scattered over reddened slate and quartz matrix.  $4 \times 2\frac{1}{2}$ ", £24.00
17. CALCITE. Heights Mine, Weardale, Co. Durham. Sharp creamy to pale brown rosettes of lenticular crystals to over  $\frac{1}{2}$ " in diameter, thickly covering matrix.  $3 \times 2\frac{1}{2} \times 2$ ", £12.00
18. CALCITE. Bigrigg, West Cumberland. Specimen A: Sharp clear glassy terminated crystals to  $1\frac{1}{4}$ " in length intergrown and free-standing on limonite matrix. Nice old specimen from this classic locality.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £38.00. Specimen B: Sharp clear glassy single terminated crystals, varying from  $\frac{1}{2}$ " to  $1\frac{1}{4}$ " in length, priced from £1.25p to £2.50p each depending on size and perfection.
19. CALCITE. Pallaflat, West Cumberland. Lustrous creamy small dog-tooth crystals covering areas of matrix with small bright pyrites crystals.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.00
20. CALCITE. Tsumeb, Otavi, S.W. Africa. Sharp rhombic crystals intergrown on matrix and encrusted with dark lime-green coloured crystalline DUFTITE.  $2\frac{1}{2} \times 2$ ", £5.00
21. CASSITERITE. Killifreth Mine, Chacewater, Cornwall. Sharp lustrous black twinned crystals to 7 mm in size lining a  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity in matrix with a little chlorite in association.  $2\frac{3}{4} \times 2\frac{1}{4}$ ", £14.00
22. CASSITERITE. Poldice Mine, Guennap, Cornwall. Sharp bright blackish twinned crystals to over  $\frac{1}{4}$ " in size intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £10.00
23. CASSITERITE. Corn Brea Mine, Illogan, Cornwall. Very rich heavy dark brown crystalline mass with fluorite and chlorite, and with odd small well formed crystals embedded in the fluorite.  $3 \times 2\frac{1}{2} \times 2$ ", £5.50p
24. CELESTINE. Agrigento, Sicily, Italy. Creamy-white lustrous terminated crystals forming a cluster on sulphur matrix.  $1\frac{1}{2} \times 1 \times 1$ ", £2.25p
25. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Lustrous glassy translucent twinned and reticulated crystals forming a fine group with odd small masses of greenish Malachite on one side.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £42.00
26. CERUSSITE. Redgill Mine, Goldbeck Fells, Cumberland. Small sharp lustrous creamy twinned crystals scattered in cavities in quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
27. CERUSSITE. Mibladen, Atlas Mts., Morocco. Very choice sharp transparent to translucent lustrous slightly smoky coloured crystals to over 1" in size scattered on matrix with odd clusters of pinkish cockcomb barytes. Fine display specimen.  $3\frac{1}{4} \times 3\frac{1}{4} \times 2$ ", £58.00
28. CERUSSITE. Broken Hill, N.S. Wales, Australia. Creamy-white jackstraw crystals intergrown on quartz/psilomelane matrix.  $2\frac{1}{2} \times 2$ ", £5.00
29. CHROME-CERUSSITE. Kapi Mine, Dundas, Tasmania, Australia. Lustrous pale yellowish well formed crystals to 3 mm in size intergrown on matrix.  $1\frac{1}{2} \times 1$ ", £4.00
30. CHADAZITE. Wassons Bluff, Cumberland Co., Nova Scotia, Canada. Well formed orange-red crystals to 8 mm in size intergrown on matrix, with a little creamy crystallised Heulandite on one side.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
31. CHALCOPRITE. French Creek, Pennsylvania, U.S.A. Irridescently tarnished bronzey slightly skeletal crystals to  $\frac{1}{2}$ " in size intergrown together with odd sharp octahedral Pyrites crystals.  $1\frac{1}{2} \times 1$ ", £3.25p



32. CHALCEDONY. Penleez Qry., Newlyn, Cornwall. Translucent colourless staurolitic and botryoidal masses covering quartz crystals. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ " , £4.00. Specimen B:  $2 \times 1\frac{1}{2}$ " , £2.00
33. CHLOANTHITE. Reichelsdorf, Hesse, Germany. Rich silvery-grey masses with quartz.  $1\frac{1}{2} \times 1$ " , £1.75p
34. COLUSITE. Tramway Mine, Butte, Montana, U.S.A. Rich metallic gray mass associated with brassy pyrites.  $2 \times 2 \times 1\frac{1}{2}$ " , £7.00
35. CONICHALCITE. Laurion, Attica District, Greece. Lime green botryoidal and crystalline mass with small sparkling blue Azurite crystals, and odd patches of Olivenite.  $2\frac{1}{2} \times 2$ " , £7.00
36. NATIVE COPPER. Poldice Mine, Gwennap, Cornwall. Tarnished coppery coloured flat dendritic crystallised sheet.  $2 \times 1\frac{1}{2}$ " , £4.00
37. NATIVE COPPER. Ongahe Mine, Otavi, S.W. Africa. Cluster of small sharp bright coppery coloured modified cubic crystals to 4 mm in size.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ " , £8.00
38. COVELLITE. Leonard Mine, Butte, Montana, U.S.A. Very rich purple tarnished platy crystalline masses with odd spots of pyrites. Specimen A:  $3 \times 2 \times 1\frac{1}{4}$ " , £5.00. Specimen B:  $2 \times 1\frac{1}{2}$ " , £3.00
39. CUPRITE. Chessy, Rhone, France. Sharp well formed dodecahedral crystal coated with greenish malachite.  $8 \times 8 \times 7$  mm, £14.50p
40. DUFTITE. Tsameb, Otavi, S.W. Africa. Apple green thick botryoidal masses coating intergrown tabular Wulfenite crystals.  $1\frac{1}{2} \times 1 \times 1$ " , £3.50p
41. ELLSWORTHITE. McDonald Mine, Hybla, Ontario, Canada. Rich blackish masses associated with calcite.  $3 \times 2 \times 1\frac{1}{2}$ " , £6.50p
42. ESPERITE. Franklin, New Jersey, U.S.A. Creamy masses with black franklinite and a little willumite.  $2 \times 1\frac{1}{2} \times 1$ " , £3.75p
43. FLUORITE. Wheal Mary Ann, Menheniot, Cornwall. Part of a large translucent light greenish crystal, with the upper surface encrusted with intergrown sharp lustrous milky bi-pyramidal QUARTZ crystals to  $\frac{3}{4}$ " in size.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ " , £24.00
44. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Specimen A: Light purple transparent to translucent cubic crystals to  $1\frac{1}{2}$ " on face edge, forming an intergrown group with bright brassy sharp CHALCOPYRITE crystals to 4 mm in size scattered in places, and a  $\frac{1}{2}$ " Galena crystal on one side.  $5 \times 3 \times 1\frac{1}{2}$ " , £14.00. Specimen B: Transparent pale greenish to light purple sharp cubic crystals to  $\frac{1}{2}$ " in size intergrown on matrix, with lustrous creamy sharp nail-head calcite crystals to  $\frac{1}{4}$ " in size covering the surface.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{4}$ " , £9.00
45. FLUORITE. East Pool Mine, Illogan, Cornwall. Pale greenish transparent cubic crystals with modified edges, to over  $\frac{1}{2}$ " in size, growing in parallel on massive fluorite with odd lustrous brown SIDERITE crystals scattered in places.  $2\frac{1}{2} \times 1\frac{1}{4}$ " , £4.75p
46. FLUORITE. Florence Mine, Egremont, Cumberland. Sharp transparent colourless cubic crystals to 1 cm in size covering a thin calcite matrix, with odd fluorite crystals showing hematite inclusions on the reverse side.  $3\frac{1}{2} \times 3$ " , £7.90
47. FLUORITE. Bere Alston, Devonshire. Sharp pale greenish octahedral crystals to  $\frac{3}{4}$ " in size intergrown on chalcedony matrix, and with some of the crystals showing a partial replacement by the chalcedony.  $2\frac{1}{2} \times 2 \times 1$ " , £14.00
48. FLUORITE. Heights Mine, Weardale, Co. Durham. Sharp bright green transparent interpenetrant twinned crystals. Each approx  $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{4}$ " , £1.75p each.
49. FLUORAPATITE. Yates Mine, Bitter Lake, Quebec, Canada. Sharp lustrous olive-green doubly terminated single crystal.  $2\frac{1}{4}$ " long by  $\frac{3}{4}$ " across the axis. £4.75p
50. GADOLINITE. Ytterby, near Stockholm, Sweden. Rich lustrous black masses in creamy to pinkish feldspar with plates of biotite mica.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1$ " , £4.25p
51. GALENA. Casapalca, near Lima, Peru. Sharp bright silvery-grey cubic crystals with modified edges to 1" in size scattered on matrix with sharp bright brassy CHALCOPYRITE crystals to  $\frac{1}{4}$ " in size, and clear slender terminated QUARTZ crystals to  $\frac{1}{2}$ " in length.  $3\frac{1}{2} \times 3$ " , £25.00

52. GALENA. Herodsfoot Mine, Lanreath, Cornwall. Sharp silvery-grey modified crystals to 5 mm in size encrusting quartz matrix, with odd well formed chalcopyrite coated TETRAHEDRITE crystals to nearly  $\frac{1}{2}$ " in size, and a little botryoidal Pyrites. A hand written label of Sir Arthur Russell accompanies the specimen.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £24.00
53. GOETHITE. Wawa, Ontario, Canada. Grayish-black botryoidal masses on calcite matrix associated with sharp modified complex Pyrites crystals to 3 mm in size.  $2 \times 1\frac{1}{2}$ ", £2.50p
54. NATIVE GOLD. Ballarat, Victoria, Australia. Specimen A: Rich golden hackly masses covering and protruding from a  $15 \times 12$  mm area of milky quartz.  $2\frac{1}{2} \times 2 \times 1$ ", £46.00. Specimen B: Golden platy sheets and masses scattered in and on milky quartz.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £23.00. Specimen C: Golden metallic mass 4 mm in size protruding from milky quartz.  $\frac{3}{4} \times \frac{3}{4} \times \frac{3}{4}$ ", £8.00. Specimen D: As specimen C,  $\frac{1}{2} \times \frac{1}{2}$ ", £4.75p
55. GORMANITE. Rapid Creek, Yukon, Canada. Specimen A: Sage-green radiating fibrous crystalline masses on and in matrix with lustrous brown crystals of SOULZALITE in cavities.  $1\frac{1}{2} \times 1 \times 1$ ", £17.00. Specimen B: Sage-green radiating fibrous masses on matrix with a little well crystallised brown SOULZALITE.  $1\frac{1}{2} \times 1 \times 1$ ", £8.00
56. GROSSULAR GARNET. Jeffray Mine, Asbestos, Quebec, Canada. Specimen A: Lustrous clear colourless sharp crystals to 4 mm in size thickly covering matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00. Specimen B: Lustrous light orangey sharp transparent crystals to 8 mm in size thickly covering both sides of matrix.  $1\frac{1}{2} \times 1 \times \frac{3}{4}$ ", £12.00. Specimen C: Lustrous light green transparent sharp crystals to 5 mm in size intergrown and scattered on matrix.  $1\frac{1}{2} \times 1$ ", £14.00
57. HARMOTOME. Bellagrove Mine, Strontian, Argyllshire, Scotland. Specimen A: Sharp lustrous creamy-white twinned crystals to  $\frac{1}{2}$ " in size richly scattered all over calcite matrix.  $4 \times 3 \times 1\frac{1}{4}$ ", £24.00. Specimen B: As specimen A, with crystals to 1 cm in size.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00. Specimen C: Sharp lustrous creamy-white twinned crystals to  $\frac{1}{2}$ " in size intergrown on calcite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00. Specimen D: Sharp lustrous creamy-white twinned crystals to  $\frac{1}{4}$ " in size intergrown on matrix.  $1 \times 1$ ", £1.50p
58. HEMIMORPHITE. Santa Eulalia, Chihuahua, Mexico. Bright colourless transparent elongated terminated crystals to 5 mm in length thickly covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
59. HEMIMORPHITE. Broken Hill, Zambia. Lustrous creamy-white radiating crystalline mass with the surface showing well formed crystals in parallel growth.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
60. IDCRASE. Monte Somma, Vesuvius, Italy. Well formed lustrous light brownish crystals and crystal sections to 1 cm in size intergrown on a  $1 \times \frac{3}{4}$ " area of matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.25p
61. LANGITE. Allihies Mine, Co. Cork, Ireland. Light blue small sharp crystals scattered and intergrown on areas of quartz matrix.  $1\frac{1}{2} \times 1$ ", £4.75p
62. LAZULITE. Rapid Creek, Yukon, Canada. Specimen A: Sharp lustrous deep bluish transparent to translucent crystals to  $\frac{1}{4}$ " in size thickly covering matrix with a little light brown crystallised Siderite.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £38.00. Specimen B: Sharp lustrous translucent deep bluish crystals to  $\frac{1}{4}$ " in size thickly covering matrix with a little crystallised Quartz and Siderite.  $2 \times 1$ ", £16.00. Specimen C: Sharp translucent lustrous deep bluish crystals to 4 mm in size associated with slender clear Quartz crystals on matrix.  $1\frac{1}{4} \times 1$ ", £8.00
63. LINARITE. Horn Silver Mine, Beaver Co., Utah, U.S.A. Bright blue small sharp crystals and crystal masses scattered on tetrahedrite matrix with odd small patches of light greenish-blue Caledonite and areas of yellow earthy Beaverite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00.
64. MALACHITE. Kambove, Katanga, Zaire. Bright green small sharp crystals to 2 mm in size richly lining a  $\frac{1}{4}$ " cavity in crystalline malachite and quartz matrix.  $2 \times 1\frac{1}{2}$ ", £4.75p
65. MALACHITE. Wheal Buller, Redruth, Cornwall. Light green cellular mass with well developed botryoidal structure on the surface and in cavities. Very rich example for this locality.  $4 \times 3 \times 2$ ", £23.00



66. MALACHITE. Chingola Mine, Zambia. Select light to dark green attractive botryoidal mass with a partial overlay of chrysocolla and a later generation of crystalline malachite, and with a banded layer of Pseudomalachite on the base.  $4 \times 2 \times 1\frac{1}{2}$ ", £17.00
67. MANGANITE. Atikoken, Ontario, Canada. Well formed bright greyish-black crystals to  $\frac{1}{4}$ " in size intergrown on the surface of crystalline manganite.  $2\frac{1}{2} \times 2$ ", £8.00
68. MIMETITE. Driggeth Mine, Caldbuck Fells, Cumberland. Lustrous light green barrel-shaped crystals to 3 mm in size richly covering cellular quartz. Specimen A:  $3 \times 2\frac{1}{2}$ ", £4.75p. Specimen B:  $2\frac{1}{2} \times 2 \times 2$ ", £3.75p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
69. MIMETITE variety CAMPYLITE. Drygill Mine, Caldbuck Fells, Cumberland. Select lustrous yellowish to orangey barrel-shaped crystals to 1 cm in size aggregated in areas on matrix with much light blackish botryoidal PSILOMELANE.  $2\frac{3}{4} \times 1\frac{1}{2}$ ", £17.00
70. NATROLITE. Dean Qry., Lizard, Cornwall. Silky-white divergent radiating crystal mass on gabbro matrix.  $3 \times 2\frac{1}{2}$ ", £3.50p
71. NOLANITE. Ace-Fay Mine, Beaverlodge, Saskatchewan, Canada. Greyish-black masses with uraninite in matrix.  $1 \times 1\frac{1}{2}$ ", £4.75p
72. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Small sparkling fine needle crystals and darker slightly thicker crystals richly lining numerous cavities in cellular quartzose matrix.  $2\frac{1}{2} \times 2 \times 2$ ", £9.00
73. ORPIMENT. Quiruvilca, Libertad Dept., Peru. Bright orangey transparent to translucent sharp crystals to 1 cm in size intergrown on matrix with odd minute crystals of Hutchinsonite.  $2 \times 1\frac{1}{2}$ ", £14.25p
74. PARAHOPHITE. Broken Hill, Zambia. Creamy coloured crystals and crystal sheaves to 7 mm in size richly intergrown on cellular parahopite and limonite matrix.  $2\frac{3}{4} \times 2 \times 1\frac{1}{2}$ ", £12.25p
75. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Light green small sharp crystals richly covering large areas of gossany matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.00. Specimen B: Sharp olive-green cubic crystals to 2 mm in size intergrown on and lining cavities in matrix.  $1\frac{1}{2} \times \frac{3}{4} \times \frac{3}{4}$ ", £4.75p
76. PIEMONTE. St. Marcel, Piemont, Italy. Reddish-brown elongated crystals and crystal masses with quartz.  $2 \times 1 \times 1$ ", £2.80
77. PREHNITE. Jeffrey Mine, Asbestos, Quebec, Canada. Lustrous creamy coloured sharp terminated crystals to 8 mm in size forming an intergrown group. Crystals of prehnite that are sharp and well formed are rare.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
78. PSEUDOMALACHITE. Viraeberg Mine, Rheinbreitbach, Germany. Lustrous deep green crystal aggregates and individual crystals to  $\frac{1}{4}$ " in size scattered all over milky quartz matrix. Fine old specimen collected during the last century.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £78.00
79. PYRITES. Gavorrano Mine, Tuscany, Italy. Specimen A: Very fine bright brassy sharp cubic crystals to 2" in size forming an intergrown group. Very choice specimen for display.  $5 \times 4 \times 1\frac{1}{2}$ ", £90.00. Specimen B: Bright brassy sharp cubic crystals to nearly  $\frac{1}{2}$ " in size forming a dome-shaped intergrown group.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £26.50p. Specimen C: Unusual well formed bright brassy deeply striated crystals with corrugated surfaces to  $\frac{1}{4}$ " in size forming an intergrown group.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
80. PYRITES. Levant Mine, Penduon, Cornwall. Light brassy well formed cubic crystals with modified edges, to 4 mm in size, richly encrusting milky quartz.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{3}{4}$ ", £3.50p
81. PYROMORPHITE. Broken Hill, Zambia. Lustrous light green sharp slightly tapering hexagonal crystals to 5 mm in size richly covering cellular limonitic matrix.  $3 \times 2\frac{1}{2}$ ", £34.00
82. PYROMORPHITE. Burgam Mine, near Shelve, Shropshire. Light green small well formed crystals thickly covering matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
83. QUARTZ. Castro Virreyra Mine, near Lima, Peru. Fine bright milky coloured club-like multiple well terminated crystal with small clear crystals around the base and with a little well crystallised CHALCOPYRITE and PYRITES on one side. Very attractive specimen.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £20.00

84. QUARTZ. Wheal Jane, Kew, Cornwall. Sharp well formed and terminated milky crystals to 2" in length forming an interlocking group with odd small sharp cubic Pyrites crystals in places.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
85. QUARTZ. Levant Mine, Pendeen, Cornwall. Slender sharp well terminated milky crystals to 1" in length free-standing and interlocking on a chlorite matrix, with a little crystallised Adularia in places.  $3\frac{1}{2} \times 3 \times 2$ ", £9.00
86. SMOKY QUARTZ. Pikes Peak, Colorado, U.S.A. Translucent well formed doubly-terminated crystal  $2 \times 1\frac{1}{2}$ " in size, implanted on pegmatite matrix with sharp creamy coloured twinned crystals of ORTHOCLASE to  $1\frac{1}{2}$ " in size.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £9.00
87. QUARTZ. Mickey Green Mine, Durey, Colorado, U.S.A. Fine milky to transparent long slender terminated crystals to 2" in length free-standing all over matrix with odd small crystals of Calcite in places. The specimen resembles a hedgehog in appearance and is an excellent piece for display.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £40.00
88. RUTILE. White Mountain Mine, Mono Co., California, U.S.A. Specimen A: Sharp lustrous reddish-brown crystal nearly  $\frac{1}{2}$ " in size implanted on Pyrophyllite matrix.  $1\frac{1}{2} \times 1$ ", £9.00. Specimen B: Large reddish-brown multiple crystal with some good clean faces with a little pyrophyllite attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00
89. SERPIERITE. Dylife Mine, Cardiganshire, Wales. Light bluish star-like crystal aggregates scattered on matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £3.50p
90. SHATTUCKITE. New Cornelia Mine, Ajo, Arizona, U.S.A. Very rich bright blue mass.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
91. SIDERITE. Tincroft Mine, Illogan, Cornwall. Sharp lustrous translucent brown crystals to nearly  $\frac{1}{4}$ " in size thickly covering quartz matrix.  $4\frac{1}{2} \times 2\frac{1}{2}$ ", £14.00
92. NATIVE SILVER. Hope Bay, Coronation Gulf, N.W. Terr., Canada. Silvery hackly masses and feathery crystalline sheets aggregated on and in calcite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
93. SMITHSONITE. Sheshdonnell Mine, Co. Clare, Ireland. Specimen A: Lustrous bright yellow botryoidal mass thickly covering light purple fluorite matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen B: Lustrous yellowish botryoidal masses thickly lining large cavities in light purple fluorite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.75p
94. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Specimen A: Sharp transparent rose-red coloured rhombic crystals to  $\frac{1}{4}$ " in size thickly covering matrix. Very fine specimen of this type of smithsonite.  $4 \times 3 \times 1\frac{1}{4}$ ", £48.00. Specimen B: Lustrous light greenish well formed rhombic crystals to 4 mm in size thickly intergrown on matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £5.00
95. SPHALERITE. New Glencrieff Mine, Wanlockhead, Dumfriesshire, Scotland. Choice bright black well formed crystals to 1" in size scattered and intergrown on a group of large creamy dog-tooth CALCITE crystals, with a light sprinkling in places of small sparkling Quartz crystals. Fine specimen for display.  $4\frac{1}{2} \times 4\frac{1}{2} \times 3$ ", £68.00
96. SPHALERITE. Trepca, Yugoslavia. Bright black sharp crystals to  $\frac{3}{4}$ " in size associated with clusters of lustrous light brown SIDERITE, odd slender crystals of milky QUARTZ, and odd complex crystals of PYRITES and ARSENOFYRITE, all covering the surface and one side of matrix. Very showy specimen.  $3\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £48.00. Specimen B: Group of interlocking large bright black crystals to  $1\frac{1}{2}$ " in size, with a partial coating of lustrous light pinkish sharp rhombic RHODOCHROSITE crystals to 4mm in size, and odd transparent crystals of CALCITE to 8 mm in size.  $3\frac{1}{2} \times 3$ ", £28.00
97. STANNITE. Snowflake Mine, Revelstake, B.C., Canada. Very rich silvery-grey metallic masses with quartz and a little pyrites. Specimen A:  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen C:  $2 \times 1\frac{1}{2}$ ", £2.50p
98. STIBICONITE. Knipps Mine, New Cumnock, Ayrshire, Scotland. Light yellowish masses replacing bladed stibnite in quartzose matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p



99. STILBITE. Bay of Fundy, Nova Scotia, Canada. Group of lustrous creamy to pale brownish crystal sheaves to  $1\frac{1}{4}$ " in size, interlocking together.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.75p
100. TARBUITITE. Broken Hill, Zambia. Sharp clear crystals to 3 mm in size thickly lining cavities in and covering areas on cellular limonitic matrix.  $2\frac{3}{4} \times 2$ ", £8.00
101. TELLUROBISMUTHITE. Mangfallsberget, Vasterbotten, Sweden. Rich silvery masses in matrix with a little tetradymite and chalcopyrite.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.00
102. TETRADYMITITE. Carrock Mine, Caldbeck Falls, Cumberland. Very rich bright silvery-grey bladed masses with slender rod-like masses of Bismuthinite, embedded in milky quartz. Very rich specimen for this locality.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £45.00
103. TOURMALINE. Tremearne Cliff, near Porthleven, Cornwall. Long slender rod-like black crystals to  $2\frac{1}{4}$ " in length embedded in parallel in quartz/orthoclase matrix with odd patches of lustrous olive-green MANGANAPATITE.  $4 \times 3 \times 1\frac{1}{2}$ ", £5.00
104. TYRRELLITE. Eagle Claim, Deaverlodge, Saskatchewan, Canada. Greyish mass with minor Uramgite and crusts of secondary copper minerals.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
105. URANINITE. Cardiff Mine, Wilberforce, Ontario, Canada. Sharp blackish cubic crystal  $6 \times 6$  mm in size partly embedded in calcite/fluorite matrix.  $1\frac{1}{4} \times 1$ ", £8.00
106. URANINITE. Margnac, Haute-Vienne, France. Rich black veinlets and masses in matrix with light yellow areas of crystalline Beta-Uranophane.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £6.50p
107. VALLERIITE. Whitehorse Mine, B.C., Canada. Very rich metallic brown mass with minor black Magnetite and purple Bornite.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.00
108. WARDITE. Rapid Creek, Yukon, Canada. Specimen A: Sharp lustrous creamy coloured crystals to nearly  $\frac{1}{4}$ " in size aggregated and scattered on both sides of matrix.  $2 \times 2$ ", £28.00. Specimen B: Sharp lustrous creamy coloured crystals to 5 mm in size thickly intergrown on matrix.  $2 \times 1\frac{1}{4} \times 1$ ", £15.00. Specimen C: Sharp lustrous creamy coloured crystals to 4 mm in size thickly covering matrix.  $1 \times 1$ ", £12.00
109. WHITEITE. Rapid Creek, Yukon, Canada. Specimen A: Sharp light brownish composite crystals to  $\frac{3}{4}$ " in size intergrown on matrix with a little crystallised Lazulite and Quartz.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £28.00. Specimen B: Well formed light brownish crystals to  $\frac{1}{2}$ " in size forming an intergrown group with a  $\frac{1}{4}$ " sharp Lazulite crystal in association.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £14.00
110. WIIKITE. Impilahti, Lake Ladoga, Finland. Very rich resinous brown mass with minor feldspar.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £7.50p
111. WROEWOLFEITE. Duvon Friendship Mine, Marytavy, Devonshire. Small bright sky-blue sharp crystals scattered on altered slate. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £12.00. Specimen B:  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen C:  $1\frac{1}{4} \times 1 \times 1$ ", £4.75p. Specimens are priced according to richness rather than size. This is the first recorded occurrence of Wroewolfeite in Devonshire, and only the second in the West Country. To my knowledge, this is the richest material found anywhere. Wroewolfeite was described as a new mineral in 1975 and is formula  $\text{Cu}_2(\text{SO}_4)(\text{OH})_6 \cdot 2\text{H}_2\text{O}$  and is monoclinic, and forms a series with Langite & Poesnjakite.
112. WULFENITE. Touissit, near Oujda, Morocco. Specimen A: Bright orangey sharp tabular crystals to  $\frac{1}{2}$ " in size scattered over and free-standing on matrix.  $3 \times 2\frac{1}{4}$ ", £18.50p. Specimen B: Bright orangey sharp tabular crystals to 1 cm in size forming an intergrown group.  $1\frac{1}{4} \times 1\frac{1}{2}$ ", £8.50p
113. YODERITE. Mautia Hill, Grental Province, Tanzania. Lustrous blackish bladed crystals to  $\frac{3}{4}$ " in length embedded in mica schist.  $2\frac{1}{4} \times 2\frac{1}{4}$ ", £5.75p

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Wishing all our customers a Happy & Prosperous New Year !



RICHARD W. DARSTOW

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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.

FEBRUARY 1980.

1. ADULARIA. St. Gotthard, Ticino, Switzerland. Sharp lustrous creamy-white crystals to  $\frac{1}{4}$ " in size, some partly coated with chlorite, scattered over matrix with chlorite and a little hair-like Amianthus,  $6 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
2. AEGIRINE. Hedrum, Vestfold, Norway. Blackish-green rod-like crystals to  $\frac{1}{4}$ " in length scattered in creamy feldspar.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p
3. ANATASE. Tysse, Norway. Fine sharp dark bluish-black crystals to  $\frac{1}{4}$ " in size richly scattered over interlocking clear Quartz crystals and crystal sections to  $1\frac{1}{2}$ " in length.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £46.00
4. APATITE variety FRANCOLITE. Clitters Mine, Gunnislake, Cornwall. Rich crusts of small clear sparkling crystals on quartz and altered granite. The crystals have an attractive reddish tint due to underlying hematite. Specimen A:  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen B:  $3 \times 2 \times 1\frac{1}{4}$ ", £3.50p
5. ARTINITE, Staten Island, New York, U.S.A. Snow-white needle crystals and radiating masses covering matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
6. ATTACOLITE. Vastana mine, Wermland, Sweden. Pinkish masses embedded in foliated black hematite matrix.  $2 \times 1$ ", £2.75p
7. AZURITE. Curra-Curra, South Australia. Bright blue mass with small sparkling crystals lining cavities with an outer 'shell' of crystalline green MALACHITE.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £9.00
8. BARYTES. Wet Groves Mine, Wensleydale, Yorkshire. Very fine groups of large lustrous creamy coloured wedge-shaped crystals. The specimens are virtually free of damage and are amongst the nicest Barytes yet found in Yorkshire. All are good display specimens. Specimen B:  $5 \times 4\frac{1}{2} \times 3$ " with crystals to  $1\frac{1}{4}$ " in size, £36.00. Specimen C:  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ " with crystals to  $1\frac{1}{2}$ " in size, £28.00. Specimen D:  $4 \times 3 \times 1\frac{1}{2}$ ", with crystals to  $1\frac{1}{2}$ " in size, £14.00. Specimen E:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", with crystals to  $1\frac{1}{4}$ " in size, £8.00
9. DAYDONITE. Wheal Carpenter, Guinear, Cornwall. Crusts of minute sharp apple-green crystals richly covering quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p
10. DEUDANTITE. Wheal Carpenter, Guinear, Cornwall. Crusts of sparkling minute golden-brown crystals covering large areas of quartz matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
11. NATIVE DISMUTH. Schneeberg, Saxony, Germany. Very rich crystalline cleavages and feathery crystal masses embedded in quartz matrix with much greyish Safflorite. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00. Specimen B:  $3 \times 2 \times 1\frac{1}{4}$ ", £12.00. Specimen C:  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00. Specimen E:  $1\frac{1}{4} \times 1\frac{1}{2}$ ", £3.50p. Specimen F:  $1\frac{1}{2} \times 1$ ", £2.50p



12. OLIXITE. Mendip Hills, Somerset. Specimen A: Rich orangey coloured crystalline mass  $\frac{1}{2} \times \frac{1}{2} \times 1$ " in calcite/pyrolusite matrix.  $2 \times 1\frac{1}{2}$ ", £14.00. Specimen B: Orange coloured crystalline mass  $\frac{1}{2} \times \frac{1}{2}$ " in calcite/pyrolusite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
13. FOURNONITE. Castro Virreyra Mine, near Lima, Peru. Choice silvery-grey twinned sharp crystals to  $\frac{1}{4}$ " in size thickly intergrown and covering matrix with odd slender clear Quartz crystals. Very rich example of this mineral.  $5 \times 3\frac{1}{2}$ ", £140.00
14. CACOXENITE. Fort Lisménagh, Co. Limerick, Ireland. Very rich golden coloured fibrous masses and radiating velvety encrustations covering areas of and forming veinlets in quartz/pyrolusite matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £5.75p. Specimen B:  $1\frac{3}{4} \times 1\frac{1}{2} \times 1$ ", £2.75p
15. CALCITE. Dimple Mine, Matlock, Derbyshire. Sharp translucent internally zoned 'dog-tooth' crystals to  $1\frac{1}{2}$ " in size intergrown together in parallel position.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
16. CALCITE. Levant Mine, Pendeen, Cornwall. Clear bright creamy coloured 'railhead' crystals, some being doubly terminated, to  $\frac{1}{4}$ " in size richly covering quartz matrix with a little brown crystallised Siderite.  $3 \times 2\frac{1}{2}$ ", £5.75p
17. COBALTIAN CALCITE. Tsumeb, Otavi, S.W. Africa. Light pink rhombic crystals and crystal masses intergrown on and covering areas of matrix with a little malachite.  $3\frac{1}{2} \times 2\frac{1}{4}$ ", £7.00
18. CASSITERITE. Wheal Kitty, St. Agnes, Cornwall. Bright black sharp twinned crystals to 4 mm in size scattered over matrix with a little arsenopyrite.  $2 \times 1\frac{1}{2}$ ", £8.00
19. CASSITERITE. Shilton claywork, St. Austell, Cornwall. Specimen A: Bright black twinned crystals to 5 mm in size embedded in kaolin/quartz matrix with pale brownish muscovite crystals that appear to have been replaced by feldspar.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.50p. Specimen B: Sharp bright black axe-like twinned crystals to  $\frac{1}{4}$ " in size intergrown on muscovite.  $1 \times \frac{3}{4}$ ", £4.00
20. CASSITERITE. Rosemellyn claywork, Roche, Cornwall. Rich brownish mass with tourmaline and quartz. A Sir William Sarjeant label is attached to the specimen.  $3\frac{1}{2} \times 3 \times 2$ ", £8.00
21. CATAPLEITE. Orathagen, Hedrum, Vestfold, Norway. Rich lustrous orangey-brown mass in alkali-feldspar matrix with well crystallised AEGIRINE.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £4.00
22. CERARGYRITE. Freiberg, Saxony, Germany. Solid light brown sectile mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £14.00
23. CERARGYRITE. Real del Monte, Hidalgo, Mexico. Light brown veinlets and masses in calcite matrix. Specimen A:  $2 \times 2 \times 1\frac{1}{2}$ ", £5.75p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p. Specimen C:  $1\frac{1}{2} \times 1 \times 1$ ", £2.50p. Specimen D:  $1\frac{1}{2} \times 1$ ", £1.50p
24. CERUSSITE. Grandybottle Mine, Swaledale, Yorkshire. Specimen A: Lustrous creamy-white twinned crystals to  $\frac{1}{4}$ " in size nicely scattered on cellular limonitic matrix.  $2\frac{1}{4} \times 2$ ", £5.75p. Specimen B: As specimen A, but not so rich,  $2 \times 2 \times 1\frac{1}{4}$ ", £4.75p
25. CERUSSITE. Roughtengill Mine, Coldbeck, Cumberland. Lustrous translucent tabular crystals to  $\frac{1}{2}$ " in size forming an interlocking crystal mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £14.00
26. CHADAZITE. Roan Antelope Mine, Luanshya, Zambia. Sharp creamy rhombic crystals to  $\frac{1}{4}$ " in size intergrown on quartz matrix with minor laumontite.  $2 \times 2$ ", £4.75p
27. CHADAZITE variety PHACOLITE. Tasmania, Australia. Fine lustrous creamy coloured sharp crystals to  $\frac{1}{4}$ " in size thickly covering a cellular basalt matrix. Very rich example of this mineral.  $5 \times 3\frac{1}{2} \times 2$ ", £18.00
28. CHALCOALUMITE. Grandview Mine, Grand Canyon, Arizona, U.S.A. Sky-blue botryoidal masses with a crystallised surface richly lining large cavities in limonitic matrix with minor brochantite and cyanotrichite.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
29. CHALCOGITE. Cooks Kitchen Mine, Camborne, Cornwall. Bright silvery-grey sharp crystals to nearly  $\frac{1}{4}$ " in size thickly intergrown on matrix.  $2 \times 1\frac{1}{2}$ ", £23.00
30. CHALCOGITE. Botallack Mine, St. Just, Cornwall. Very rich heavy metallic grey masses with very minor matrix. Excellent examples of the high-grade copper ore that was found at this mine in the last century. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £6.00. Specimen B:  $3 \times 2 \times 1\frac{1}{2}$ ", £3.50p



31. CHALCOPYRITE. Castro Virreyra Mine, near Lima, Peru. Specimen A: Fine sharp crystals with iridescent faces to nearly  $\frac{1}{2}$ " in size intergrown on matrix with numerous clear slender Quartz crystals and bright silvery-grey sharp TETRAHEDRITE crystals to  $\frac{1}{4}$ " in size. Many of the tetrahedrite crystals are orientated on the faces of the chalcopyrite.  $\frac{3}{2} \times 3"$ , £18.00. Specimen B: Bright brassy sharp crystals to  $\frac{1}{4}$ " in size associated with clear sharp slender Quartz crystals on matrix.  $3 \times 2\frac{1}{4}"$ , £14.00
32. CHALCOPYRITE variety Blister Copper. Wheal Jewell, Guennap, Cornwall. Slightly iridescently tarnished botryoidal masses covering matrix with patches of minute sparkling Tennantite crystals on the reverse side.  $3 \times 2"$ , £18.00
33. CHILDRENITE. Drakewalls Mine, Gunnislake, Cornwall. Small sharp golden-brown crystals covering areas of and lining hollows in altered slate matrix. These are particularly good examples for this locality. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £5.75p. Specimen B:  $1\frac{1}{2} \times 1"$ , £4.75p. Specimen C:  $1 \times 1"$ , £2.50p
34. CHRYSOTILE. Asbestos, Quebec, Canada. Silky golden fibrous veinlets cutting greenish serpentine.  $2 \times 2 \times 1\frac{1}{2}"$ , £3.50p
35. CINNABAR. Almaden, Ciudad Real, Spain. Sharp transparent red small crystals richly covering areas of cinnabar/quartz matrix. An interesting old label accompanies the specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}"$ , £18.00
36. CLINOZOISITE. Sonora, Mexico. Raspberry coloured radiating crystalline masses to  $\frac{1}{4}$ " in diameter in quartz matrix with greenish epidote.  $3 \times 2 \times 1\frac{1}{2}"$ , £4.75p
37. CONICALCITE. Mina Ojuela, Mapimi, Durango, Mexico. Apple-green botryoidal and crystalline masses lining large cavities in cellular limonitic matrix with odd well formed crystals of creamy calcite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £4.75p
38. CORNETITE. Kwana Mkuba, Ndola, Zambia. Rich crusts of minute sharp sparkling blue crystals covering areas of matrix with minor malachite. Specimen A, very rich in Cornetite,  $3 \times 2\frac{1}{2}"$ , £12.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1"$ , £7.00. Specimen C:  $2\frac{1}{2} \times 1\frac{1}{4}"$ , £4.75p. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{4}"$ , £1.50p
39. CUPRITE. Mufulira Mine, Zambia. Sharp lustrous dark maroon coloured octahedral crystals to  $\frac{1}{4}"$  in size covering areas of a branching mass of NATIVE COPPER with fragments of quartz.  $3\frac{1}{2} \times 3\frac{1}{2}"$ , £18.00
40. CUPRITE. North Wheal Casset, Illogan, Cornwall. Cellular mass of sparkling sharp deep reddish octahedral crystals, with individual crystals to 3 mm in size, and with odd fragments of milky quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}"$ , £28.00
41. CUPRITE variety CHALCOTRICHITE. Wheal Unity, Guennap, Cornwall. Reddish needly crystals covering a  $1 \times 1"$  area of cuprite/melaconite matrix.  $2\frac{1}{2} \times 1\frac{1}{2}"$ , £14.00
42. CUPROADAMITE. Laurion, Attica district, Greece. Bright olive-green small sharp crystals lining a  $2 \times 1\frac{1}{2}"$  cavity in limonitic matrix, with several smaller cavities also lined.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}"$ , £14.00
43. DAWSONITE. Santa Fiora, Tuscany, Italy. Radiating creamy-white crystalline masses to  $\frac{1}{4}"$  in diameter richly covering areas of matrix. Specimen A:  $3 \times 2\frac{1}{2}"$ , £8.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £4.75p
44. DUFRENITE. Phoenix Mine, Linkinhorne, Cornwall. Specimen A: Dark lustrous greenish-black crystals and crystal rosettes covering dense limonitic matrix. Well formed crystals of dufrenite are rare.  $2\frac{1}{2} \times 2"$ , £14.00. Specimen B: Light brownish to greenish-black crystal rosettes and scales covering areas of dense limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £5.75p. Specimen C: Greenish-black crystalline mass with the surface showing rosettes of crystals that appear to have altered to limonite.  $1\frac{1}{2} \times 1"$ , £3.75p.
45. ENARGITE. Quirivilca, Libertad dept., Peru. Sharp bright silvery-grey terminated crystals to 1 cm in size associated with sharp brassy pyritohedral PYRITES crystals to 1 cm in size on pyrites/enargite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £28.00
46. ERYTHRITE. Mt. Cobalt, Queensland, Australia. Bright raspberry-red small needly crystals and crystal rosettes thickly covering matrix. Colourful specimen.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}"$ , £9.00



47. EUDIALYTE. Norra Karr, Orebro, Sweden. Raspberry coloured lustrous masses to  $\frac{1}{2}$ " in size embedded in syenite.  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
48. FLUORITE. Coltsburn Mine, Rookhope, Co. Durham. Sharp transparent purple cubic crystals to  $\frac{1}{2}$ " in size associated with modified silvery-grey GALENA crystals to 1" in size and bright milky bi-pyramidal QUARTZ crystals and a little Siderite, on matrix with small creamy Calcite crystals covering the reverse side.  $5 \times 2\frac{3}{4} \times 1\frac{1}{4}$ ", £38.00
49. FRANKLINITE. Franklin, Sussex Co., New Jersey, U.S.A. Black crystalline masses richly embedded in calcite matrix with a little willemite.  $3 \times 2\frac{1}{4}$ ", £4.75p
50. GADOLINITE. Setesdal, Iveland, Norway. Pitchy black mass with minor feldspar in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
51. GALENA. Blackdene Mine, Weardale, Co. Durham. Bright silvery-grey sharp cube-octahedral crystals to  $\frac{1}{2}$ " in size implanted on transparent light purple FLUORITE crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
52. GETCHELLITE. Getchell Mine, Humboldt Co., Nevada, U.S.A. Rich dark reddish masses in yellow orpiment matrix with minor red realgar.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £5.00
53. NATIVE GOLD. Mount Morgan, Queensland, Australia. Rich golden masses and flakes disseminated all through a slightly cellular brown limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £58.00
54. NATIVE GOLD. Gwynfynydd Mine, near Dolgellay, Merionethshire, Wales. Specimen A: Rich golden masses and flakes scattered on and in quartz/slate matrix. Very rich example for this location.  $2\frac{1}{2} \times 2$ "; £58.00. Specimen B: Small golden masses in quartz with a little sphalerite.  $2 \times 1 \times 1$ ", £14.00.
55. NATIVE GOLD. Clogau Mine, near Dolgellay, Merionethshire, Wales. Golden threads and masses in milky quartz.  $1\frac{1}{2} \times \frac{1}{2}$ ", £12.00
56. GUMMITE. Margnac, Haute-Vienne, France. Rich orangey to yellow masses and veinlets in uraniferous reddened granite matrix.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £9.00
57. HEMATITE. St. Gotthard, Ticino, Switzerland. Bright blackish platy crystals aggregated in a rosette  $\frac{1}{2}$ " in size and implanted on matrix with several slightly smoky QUARTZ crystals to  $\frac{1}{2}$ " in length and a little chlorite and adularia feldspar.  $4 \times 3 \times 1\frac{1}{2}$ ", £8.00
58. HEMATITE variety SPECULARITE. Florence Mine, Egremont, Cumberland. Bright black platy crystals thickly covering a reddish-brown hematite matrix with bright clear doubly-terminated QUARTZ crystals in association. Nice display specimen.  $3\frac{1}{2} \times 3 \times 2$ ", £19.50p
59. HEMATITE. Rio Marina, Elba, Italy. Very fine sharp bright black crystals, some with an attractive iridescent tarnish on their faces, to over  $\frac{1}{4}$ " in size lining a  $3 \times 2\frac{1}{2}$ " cavity and several smaller cavities in a crystalline hematite matrix, with numerous milky terminated QUARTZ crystals to  $\frac{1}{4}$ " in length in association. Very choice old specimen.  $4\frac{1}{2} \times 3\frac{1}{2} \times 3$ ", £78.00
60. HEMIMORPHITE. Santa Eulalia, Chihuahua, Mexico. Sharp clear elongated terminated crystals to over  $\frac{1}{4}$ " in length scattered amongst creamy-white rhombohedral CALCITE crystals to 1 cm in size, with yellowish cauliflower-like masses of MIMETITE in places.  $2\frac{1}{2} \times 2\frac{1}{4}$ ", £5.75p
61. HEULANDITE. Whitesmith Mine, Strontian, Argyllshire, Scotland. Clear glassy crystals to 8 mm in size scattered on creamy hexagonal Calcite crystals covering matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
62. ILIMENITE. Kragero, Norway. Bright blackish platy crystalline masses embedded in matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.75p
63. KASOLITE. Mine la Pave, Grury, Saône-et-Loire, France. Yellowish to light orangey crystal masses and rosettes scattered in small cavities in uraniferous matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
64. LEPIDOLITE. Himalaya Mine, San Diego Co., California, U.S.A. Pure lavender coloured platy crystalline mass.  $3\frac{1}{4} \times 2 \times 1$ ", £2.50p
65. LIMONITE. Botallack Mine, St. Just, Cornwall. Fine bright black botryoidal mass with a smooth surface and showing an internal radially striated structure around the edges, thickly covering matrix. Choice old specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £14.00



- 65A. LINNAEITE. Kilembe Mine, Uganda. Silvery mass with quartz.  $2 \times 1\frac{1}{4}$ ", £5.75p.
66. MALACHITE. Phoenix Mine, Linkinhorne, Cornwall. Light green cellular botryoidal mass with odd fragments of quartz and odd small sparkling crystals in cavities.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
67. MALACHITE. Remolinos, Atacama, Chile. Select bright green small needly crystals thickly lining a large  $3 \times 2\frac{1}{4}$ " cavity on massive chalcocite/bornite matrix. Nice specimen for display.  $4 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £18.00
68. METACONNADAR. New Idria, San Benito Co., California, U.S.A. Lustrous black well formed crystals to 3 mm in size scattered over cellular quartz. Specimen A:  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00. Specimen B:  $2 \times 2 \times 1\frac{1}{2}$ ", £7.00
69. METATOPHERITE. Old Gunnislake Mine, Gunnislake, Cornwall. Bright emerald-green sheave of platy crystals  $\frac{1}{2} \times \frac{1}{2}$ " in size implanted on quartz.  $1\frac{1}{2} \times 1 \times 1$ ", £28.00
70. METAVOLTAINE. Cape Miseno, near Naples, Italy. Rich bright yellow crystalline masses and crusts on matrix. Specimen A:  $\frac{3}{4} \times 2$ ", £7.00. Specimen B:  $2 \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
71. MILLERITE. Ottershoof orebody, Kambalda, W. Australia. Rich light brassy masses associated with greyish VIOLARITE.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00
72. MIMETITE. Wheal Alfred, Phillack, Cornwall. Specimen A: Lustrous greenish well formed crystals to 4 mm in size covering large areas of quartz matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00. Specimen B: Lustrous yellowish to green crystals to 3 mm in size encrusting quartz.  $3 \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen C: Lustrous olive-green crystals to 4 mm in size intergrown on one edge of quartz.  $1\frac{1}{2} \times 1 \times 1$ ", £2.50p
73. MIXITE. Wheal Edward, St. Just, Cornwall. Pale apple-green silky masses covering small darker apple-green metazeunerite crystals on quartz matrix. Area of coverage is  $1\frac{1}{2} \times \frac{3}{4}$ " on matrix  $2 \times 2 \times 1\frac{1}{4}$ ", £8.00
74. MOLYBDENITE. Kingsgate, N.S. Wales, Australia. Very rich foliated platy crystal mass with very minor quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
75. MOTTRAMITE. Tsameb, Otavi, S.W. Africa. Olive-green botryoidal masses with minor matrix. Pieces approx  $1\frac{1}{4} \times 1$ ", £1.75p each.
76. NATROJAROSITE. Laurion, Attica district, Greece. Small sparkling pale brown crystals lining numerous cavities in matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00
77. NATROLITE. Dean Quarry, St. Keverne, Cornwall. Slender creamy crystals to  $\frac{3}{4}$ " in length free-standing and interlocking in a  $2\frac{1}{2} \times 1\frac{1}{2}$ " cavity in calcite/gabbro matrix, with a later frosting of minute sparkling Stilbite crystals covering the natrolite.  $4 \times 2\frac{1}{2}$ ", £12.00
78. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Dark olive-green small sharp crystals very richly lining large cavities on the surface of quartzose matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £12.00
79. PISANITE. Wheal Prudence, St. Agnes, Cornwall. Rich sky-blue ramifying and fibrous crystalline masses covering and cementing fragments of pyritised slate. Specimen A:  $3\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £5.75p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
80. PLUMBOGUMMITE. Drygill Mine, Caldbeck Fells, Cumberland. Specimen A: Rich pale bluish botryoidal crust with a silky surface covering large areas of and lining cavities in a brecciated matrix with odd small crystal tufts of Mimetite and a little blackish psilomelane.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00. Specimen B: Pale blue to greenish botryoidal crust thickly covering quartz matrix with a little yellowish Mimetite.  $3 \times 2$ ", £18.00. Specimen C: As specimen B,  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen D: As specimen B, pieces approx  $1\frac{1}{4} \times 1$ ", £5.75p each.
81. POSNIAKITE. Drakewalls Mine, Gunnislake, Cornwall. Specimen A: Sky-blue small sharp crystals covering areas of slate matrix.  $3 \times 2$ ", £8.00. Specimen B: Sky-blue crust of minute interlacing crystals covering slate matrix.  $2\frac{1}{2} \times 1$ ", £4.75p
82. PREHNITE. Dean Quarry, St. Keverne, Cornwall. Specimen A: Lime-green translucent crystals and botryoidal masses thickly lining a  $1\frac{1}{2} \times 1$ " cavity and several smaller cavities in a vein cutting through gabbro matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.75p. Specimen B: Lime-green botryoidal and crystallised masses covering radiating crystalline prehnite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.75p



83. PROUSTITE. Mudeneč, near Jachymov, Bohemia, C.S.S.R. Bright reddish small sharp crystals and crystal sections to 5 mm in length scattered over a grayish metallic mass of ALLEMONITE with areas of small bright silvery-grey COBALITE crystals.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £28.00
84. PSEUDOMALACHITE. Nchanga Mine, Zambia. Solid dark green well banded mass with a smooth botryoidal surface.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £23.00
85. PYRITES. Quiruvilca, Libertad Dept., Peru. Specimen A: Bright brassy sharp pyritohedral crystals to  $1\frac{1}{2}$ " in size forming an intergrown group.  $4 \times 3 \times 2$ ", £31.00. Specimen B: Bright brassy sharp pyritohedral crystals to over  $\frac{1}{2}$ " in size forming an intergrown group.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.25p.
86. PYROMORPHITE. Broken Hill, N.S. Wales, Australia. Lustrous light brown clusters of crystals, some exhibiting an unusual botryoidal structure, forming a pure cellular mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
87. QUARTZ. Blackdene Mine, Weardale, Co. Durham. Lustrous milky pyramidal crystals to  $\frac{1}{2}$ " in size covering a portion of a purple Fluorite crystal, with odd creamy nail-head Calcite crystals to  $\frac{1}{2}$ " in size.  $3 \times 2 \times 1\frac{1}{2}$ ", £5.00
88. QUARTZ. Dore Alston, Devonshire. Group of interlocking slender translucent terminated crystals to  $2\frac{1}{2}$ " in length with creamy rhombic DOLOMITE crystals encrusting one side. Overall size  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
89. QUARTZ. Hot Springs, Garland Co., Arkansas, U.S.A. Group of sharp terminated clear crystals to  $1\frac{1}{4}$ " in size.  $2 \times 1\frac{1}{2} \times 1$ ", £3.50p
90. RASHLEIGHITE. Wheal Hope, Dugle, St. Austell, Cornwall. Rich light green crystalline crusts on quartz/tourmaline matrix. Specimen A:  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £2.50p. Specimen B:  $3 \times 2 \times 1\frac{1}{2}$ ", £2.00. Specimen C:  $2 \times 1\frac{1}{2}$ ", £1.25p
91. RHODOCHROSITE. N'Chwaning Mine, Kalahari district, S. Africa. Specimen A: Group of transparent raspberry-red scalenohedral crystals, with individual crystals to  $\frac{3}{4}$ " in size.  $1 \times \frac{1}{2} \times \frac{1}{4}$ ", £12.00. Specimen B: As specimen A, but single crystals  $1$ " in size, £8.00 each.
92. RHODONITE. Pencrebar Wood Mine, Collington, Cornwall. Solid bright pink masses with minor black pyrolusite in association. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p
93. ROSASITE. Mine Ojuela, Mapimi, Durango, Mexico. Silky dark greenish botryoidal masses thickly covering matrix with a little Aurichalcite in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
94. SCORODITE. Hingston Down Consols Mine, Calstock, Cornwall. Small sparkling crystals lining cavities in brecciated fluorite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
95. NATIVE SILVER. Nipissing Hill Mine, Cobalt, Ontario, Canada. Silvery metallic sheets infilling veinlets in diabase matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
96. NATIVE SILVER. Kongsberg, Norway. Hackly tarnished metallic masses protruding from calcite/quartz matrix with a little Argentite.  $2 \times 1\frac{1}{4} \times 1$ ", £38.00
97. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Sharp transparent light tan-coloured crystals to 1 cm in size intergrown and scattered on Tennantite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
98. SPESSARTITE GARNET. Broken Hill, N.S. Wales, Australia. Lustrous reddish well formed crystals to 1 cm in size partly embedded in galena matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
99. SPHALERITE. Nacica, Chihuahua, Mexico. Bright black sharp crystals to 8 mm in size scattered over pyrites/sphalerite matrix with odd small cubic Pyrites crystals and creamy Calcite crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
100. STANNITE. East Pool Mine, Illogan, Cornwall. Solid metallic grey mass with odd spots of silvery arsenopyrite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £12.00
101. STANNITE. Dunny Mine, St. Austell, Cornwall. Rich silvery-grey masses on greisen matrix with a little muscovite mica and thin crusts of yellowish Varlamoffite. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.75p. Specimen B:  $2\frac{1}{2} \times 2 \times 1$ ", £3.75p. Specimen C:  $2 \times 1\frac{1}{4} \times 1$ ", £2.50p



102. STIBICONITE after STIBNITE. Catorce, San Luis Potosi, Mexico. Fine long striated and terminated stibnite crystal 8" in length with another terminated crystal 5" in length attached on one side, completely replaced by creamy-yellow Stibiconite. A remarkable pseudomorph. Overall size  $8\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £36.50p
  103. NATIVE SULPHUR. Agrigento, Sicily, Italy. Fine partly transparent well formed crystals to 1" in size scattered over small spiky Aragonite crystals covering matrix. Nice display specimen.  $4 \times 3 \times 1\frac{1}{2}$ ", £28.00
  104. TAROUTTITE. Broken Hill, Zambia. Transparent pale greenish sharp crystals aggregated in clusters to  $\frac{1}{2}$ " in diameter implanted on pale botryoidal Smithsonite lining a large cavity in limonitic matrix.  $3 \times 2 \times 1\frac{3}{4}$ ", £28.00
  105. TETRAHEDRITE variety SCHWARTZITE. Schwartz, Tyrol, Austria. Large greyish well formed crystal  $1\frac{1}{2} \times 1$ " in size implanted on quartz/barytes matrix with another crystal embedded in the matrix  $\frac{3}{4} \times \frac{3}{4}$ " in size.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £38.00
  106. TOPAZ. Zinnwald, Bohemia, C.S.S.R. Unusual lustrous creamy to pale greenish columnar radiating mass with Zinnwaldite mica on one edge.  $2 \times 2 \times 1\frac{1}{4}$ ", £2.50p
  107. TORDERNITE. South Terras Mine, St. Stephen-in-Drannel, Cornwall. Small sharp light green tabular crystals richly covering limonitic matrix.  $3\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £18.00
  108. TORDERNITE. Nchanga Mine, Zambia. Light green small crystals and scales covering one side of a slaty matrix.  $1\frac{1}{4} \times 1$ ", £1.50p
  109. VANADINITE. Apache Mine, Gila Co., Arizona, U.S.A. Specimen A: Bright reddish sharp hexagonal crystals to 3 mm in size richly covering large areas of matrix.  $4 \times 3 \times 1\frac{1}{4}$ ", £10.00. Specimen B: Bright red sharp hexagonal crystals to 4 mm in size richly covering the surface and sides of matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £4.75p.
  110. WOLFRAMITE. Dolcoath Mine, Camborne, Cornwall. Very rich bright black bladed mass with milky quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £6.75p
  111. WOLFRAMITE. Kapnik, Rumania. Specimen A: Bright black well formed tabular crystals to nearly  $\frac{1}{2}$ " in size intergrown on matrix with a little calcite and quartz.  $1\frac{1}{4} \times 1$ ", £3.75p. Specimen B: Bright black tabular terminated crystal with smaller crystals in parallel growth 1" in size associated with clear slender Quartz crystals and a little crystallised Calcite.  $1 \times \frac{7}{8} \times \frac{3}{4}$ ", £3.75p.
  112. WULFENITE. Los Lamentos, Chihuahua, Mexico. Bright orangey translucent sharp blocky crystals to 1 cm in size thickly intergrown on matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £17.00
  113. ZIRCON. Sarnac, near Bancroft, Ontario, Canada. Blackish crystals and crystal sections to 5 mm in size scattered in quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p
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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.

MARCH 1980

1. ADAMITE. Mina Ojuela, Mapimi, Mexico. Specimen A: Two hemispherical pale yellow-green clusters of crystals each approx  $\frac{3}{4}$ " in size, implanted on limonitic matrix.  $2 \times 1\frac{1}{4}$ ", £7.00. Specimen B: Lustrous yellow-green sharp crystals to 3 mm in size richly covering cellular limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{4}$ ", £8.00
- X 2. ADULARIA. Dean Qry., Lizard, Cornwall. Light pinkish small sharp crystals scattered in areas on creamy Calcite crystals with minor gabbro.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.75p
3. ADULARIA. Valle di Preto, Tessin, Switzerland. Sharp lustrous creamy-white crystals to  $\frac{1}{2}$ " in size thickly covering matrix with the reverse side encrusted with well crystallised PENNINITE and odd minute crystals of Anatase.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £5.75p
4. AEGIRINE. Mont St. Hilaire, Quebec, Canada. Lustrous blackish-green long slender crystal sections to 2" in length embedded in nepheline syenite.  $4 \times 3 \times 1\frac{1}{4}$ ", £5.75p
5. ALMANDINE GARNET. Zillertal, Tyrol, Austria. Sharp chlorite coated large single crystal.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
6. ALTAITE. Hilltop Mine, Organ Co., New Mexico, U.S.A. Rich silvery masses with a little sphalerite in matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.75p
7. ANALCIME. The Stoer, Isle of Skye, Scotland. Lustrous translucent creamy coloured sharp crystals to 1 cm in size covering areas of basalt matrix.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ", £2.75p
8. ANATASE. Prenteg, near Tremadog, Caernarvonshire, N. Wales. Specimen A: Sharp lustrous blackish crystals to 4 mm in size scattered over matrix with quartz crystals to over 1" in size and a little crystallised Albite.  $4 \times 3 \times 1\frac{1}{4}$ ", £16.00. Specimen B: Sharp lustrous blackish crystals to 3 mm in size richly scattered over matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00. Specimen C: Sharp lustrous blackish crystals to 2 mm in size scattered over matrix with odd quartz crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
9. APATITE. North Burgess, Ontario, Canada. Well formed lustrous terminated olive-green single crystal. 3" long by  $\frac{1}{4}$ " across the axis. £3.75p
10. APATITE. Aplite Qry., Maldon, Devon. Lustrous pale greenish well formed crystals and crystal sections to  $\frac{1}{4}$ " in size encrusting matrix with a little purplish fluorite.  $3 \times 2\frac{1}{2}$ ", £8.00
11. APATITE. Val Casatscha, Graubünden, Switzerland. Colourless transparent well formed crystals to 3 mm in size scattered on matrix with chlorite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
12. APATITE variety FRANKOLITE. Devon Great Consols Mine, near Tavistock, Devon. Lustrous colourless hexagonal crystals to 2 mm in size richly lining cavities with pale brown Siderite crystals in cellular quartz/chlorite vein stuff.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p



13. APOPHYLLITE. Lorne, Co. Antrim, N. Ireland. Lustrous creamy sharp transparent crystals mostly around 3 mm in size richly scattered all over calcite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
14. ARAGONITE. Molina de Aragon, Spain. Select sharp translucent purple coloured single pseudo-hexagonal crystals. Each approx 1" in size, £1.00 each.
15. NATIVE ARSENIC. Kusa Mine, Bau, Sarawak. Very fine greyish well formed botryoidal mass.  $4\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{3}{4}$ ", £68.00
16. ARSENOPYRITE. Santa Eulalia, Chihuahua, Mexico. Bright silvery sharp crystals to 8 mm in size thickly covering matrix.  $2 \times 1\frac{3}{4}$ ", £5.75p
17. ARSENOPYRITE. Barretts Zawn, near Port Isaac, Cornwall. Specimen A: Sharp silvery crystals to nearly  $\frac{1}{2}$ " in size embedded in slate.  $2 \times 1 \times 1$ ", £3.50p. Specimen B: A solitary sharp silvery crystal 1 cm in size embedded in slate.  $2 \times 1\frac{3}{4}$ ", £2.50p
18. ARSENOPYRITE. Penlee Qry., Newlyn, Cornwall. Specimen A: Bright silvery sharp crystals to  $\frac{3}{4}$ " in size intergrown on chlorite matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £7.00. Specimen B: Bright silvery sharp crystals to 5 mm in size growing in parallel position on massive arsenopyrite with a little quartz.  $1\frac{3}{4} \times 1\frac{1}{4}$ ", £3.50p
19. AUTUNITE. Ouller Gorge, South Island, New Zealand. Yellowish scales on and in sandstone matrix with uranium ochres.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.75p
20. AZURITE. South Caradon Mine, St. Cleer, Cornwall. Deep blue crystal rosettes aggregated and scattered on chalcocite-rich matrix with much light green botryoidal Malachite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
21. AZURITE. Tsumeb, Otavi, S.W. Africa. Lustrous deep blue sharp crystals to  $\frac{1}{2}$ " in size interlocking on matrix with minor fibrous Malachite.  $1\frac{1}{2} \times 1$ ", £14.00
22. AZURITE replaced by MALACHITE. Tsumeb, Otavi, S.W. Africa. A well formed sharp terminated flat tabular crystal completely replaced by greenish malachite.  $1\frac{1}{2}$ " long by  $\frac{1}{4}$ " wide, £26.00
23. AZURITE. Ting Tang Mine, Gwennap, Cornwall. Deep blue sparkling small sharp crystals richly lining cavities in cellular limonitic gossan with large areas of velvety green fibrous MALACHITE.  $2\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £16.00
24. BARYTES. Silverband Mine, Great Dun Fell, Westmoreland. A well formed translucent colourless large terminated single crystal.  $3\frac{1}{2}$ " long by  $2\frac{1}{4} \times 1\frac{1}{2}$ " across the axis. £14.00
25. BARYTES. Settlingstones Mine, Hexham, Northumberland. Cluster of lustrous creamy-white chisel-shaped crystals to  $\frac{3}{4}$ " in size.  $1\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
26. DAYDONITE. Penberthy Croft Mine, St. Hilary, Cornwall. Rich dark apple-green crusts covering quartzose matrix.  $2 \times 2 \times 1$ ", £4.75p
27. BERAUNITE. Hagendorf, Bavaria, Germany. Rich dark blackish-green radiating masses with a little quartz and feldspar.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{3}{4}$ ", £6.75p
28. DEUDANTITE. Tsumeb, Otavi, S.W. Africa. Bright dark brownish sharp crystals to 2 mm in size thickly intergrown on one end of matrix.  $1\frac{1}{2} \times 1$ ", £8.00
29. DOURNONITE. Kapnik, Rumania. A sharp silvery-grey cog-wheel crystal 4 mm in size implanted in a quartz crystal lined cavity in a cellular matrix, with odd smaller crystals in other cavities.  $2 \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £4.50p
30. BROCHANTITE. Blanchard Claims, New Mexico, U.S.A. Light green silky crystals to  $\frac{1}{4}$ " in length thickly covering matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
31. CASSITERITE. Alluvial crystals. Kibare mines, Elizabethville, Congo. Specimen A: Sharp lustrous black twinned single crystals and crystal groups with very slight wear on the edges. Each approx  $1 \times 1$ " in size, £4.75p each. Specimen B: As specimen A, crystals each approx  $\frac{1}{2}$ " in size, £2.75p each. Specimen C: As specimen A, but mostly single crystals, each approx  $\frac{1}{2} - \frac{3}{4}$ " in size, £1.50p each.
32. CASSITERITE. Wheal Agar, Illogan, Cornwall. Lustrous blackish crystals and crystal sections to 1 cm in size embedded in matrix with patches of pinkish feldspar.  $3 \times 2\frac{3}{4} \times 1\frac{1}{4}$ ", £9.00



The following Cassiterite specimens are from the collection of Sir William Sarjeant, and all have his distinctive labels attached to them. The specimens are of interest because of their history and because the locations represented are no longer productive. Sarjeant lived at Lanivet and amassed a large collection of minerals, particularly rich in cassiterites from that district.

33. CASSITERITE. Wheal Henry, Dugle, Cornwall. Specimen A: Very rich dark brown mass with a little tourmaline.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £8.00. Specimen B: Rich dark brownish mass with minor tourmaline.  $3 \times 2\frac{1}{2} \times 1$ ", £3.75p.
34. CASSITERITE. Redmoor, Lanivet, Cornwall. Alluvial specimens. Specimen A: A very large rounded pebble showing dark brown cassiterite shot through quartz with a little tourmaline; very rich sample.  $6 \times 4\frac{1}{2} \times 3$ ", £16.00. Specimen B: Rich dark brown masses in a rounded pebble with veinlets of quartz.  $4 \times 3 \times 1\frac{1}{2}$ ", £12.00. Specimen C: Rich dark brown mass with quartz, rounded pebble.  $2\frac{1}{2} \times 2$ ", £4.00. Specimen D: Very rich dark brown rounded mass with very minor quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.00.!
35. CASSITERITE. Goss Moor, Roche, Cornwall. Alluvial pebbles. Specimen A: Heavy dark brown rounded mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p. Specimen B: Rounded dark brown masses, some with minor quartz or tourmalinised slate. Each approx  $1\frac{1}{2} \times 1$ " in size, £1.75p each. Specimen C: As specimen B, each approx  $\frac{3}{4}$ "-1" in size, £1.25p each.
36. CASSITERITE. Reperry openwork, Lanivet, Cornwall. Specimen A: Very rich coarsely crystalline dark brown mass with small sharp crystals in cavities, with quartz and tourmalinised slate.  $4\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £9.00. Specimen B: Rich dark brownish crystalline mass covering quartz and tourmalinised slate matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p.
37. CASSITERITE. Imperial Goonbarrow claywork, St. Austell, Cornwall. Very rich heavy dark brown mass with very minor tourmaline. Weight 3lbs 3 ozs.  $4 \times 4 \times 3\frac{1}{4}$ ", £10.00
38. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Specimen A: Lustrous transparent to translucent sharp twinned crystals to 1 cm in diameter scattered and intergrown all over a cellular matrix with traces of pale blue linarite.  $3\frac{1}{2} \times 2\frac{3}{4} \times 2$ ", £16.00. Specimen B: A very fine creamy-white beautifully formed reticulated mass of crystals.  $2\frac{1}{2} \times 2$ ", £24.00.
39. CERUSSITE. Patagonia, Arizona, U.S.A. Lustrous creamy coloured fishtail twinned crystal.  $1 \times \frac{3}{4}$ ", £2.50p
40. CHALCOCITE. St. Ives Consols Mine, St. Ives, Cornwall. Bright silvery-grey sharp hexagonal crystals to 5 mm in size intergrown and clustered on massive chalcocite matrix with minor crystallised calcite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £28.00
41. CHALCOMENITE. Kolwezi, Shaba, Zaire. Minute blue crystals in small cavities in greenish malachite and greyish seleniferous Digenite, together with odd rod-like crystals of seleniferous barytes.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.75p
42. CHALCOPHYLLITE. Old Gunnislake Mine, Gunnislake, Cornwall. Bright green small plates scattered on and in oxidised copper ore. Specimen A:  $2\frac{1}{2} \times 2$ ", £2.75p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.75p
43. CHALCOPYRITE. Levant Mine, Pendean, Cornwall. Very rich bright brassy-yellow mass with very minor chlorite in association.  $5 \times 3 \times 1\frac{1}{2}$ ", £4.75p
44. CHRYSOCOLLA. South Caradon Mine, St. Cleer, Cornwall. Bluish-green to light green attractive mass with a little malachite and quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p
45. CLINOCLASE. Wheal Gorland, St. Day, Cornwall. Rich bluish crystalline masses and veinlets in quartzose gossan.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
46. COBALTITE. Hakansbo, Västmanland, Sweden. A sharp silvery well formed crystal 4x4 mm in size partly embedded in pyrrhotite matrix.  $1 \times 1$ ", £2.75p
47. COLUMBOITE/TANTALITE. Londonderry, W. Australia. Lustrous blackish mass.  $1\frac{1}{2} \times 1$ ", £1.75p
48. COLUMBOITE. Jos Plateau, Nigeria. Blackish masses and crystal sections to over  $\frac{1}{2}$ " in size in a small box. £1.50p.
49. CONOCHALCITE. Mina Ojuela, Mapimi, Mexico. Bright apple-green botryoidal crystalline masses lining cavities in cellular limonitic matrix with green fibrous malachite and a little calcite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p



50. NATIVE COPPER. Crowns section, Botallack Mine, St. Just, Cornwall. Rich dendritic tarnished crystallised masses on and in quartz and jasper matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
51. NATIVE COPPER. Lavant Mine, Pendeen, Cornwall. Tarnished thin sheets on and protruding from hematized slate matrix.  $2\frac{1}{2} \times 2$ ", £3.50p
52. COVELLITE. Leonard Mine, Butte, Montana, U.S.A. Bright brassy and purple tarnished intergrown group of large platy crystals to  $\frac{1}{4}$ " in size. Crystals of covellite are very rare.  $1\frac{1}{2} \times 1$ ", £12.00
53. CROCIDOLITE. Transvaal, South Africa. Bluish-grey fibrous vein section.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p.
54. CUPRITE. Phoenix Mine, Linkinhorne, Cornwall. Specimen A: Sharp deep reddish octahedral and modified crystals to 3 mm in size richly lining numerous cavities in iron quartz matrix.  $3 \times 3 \times 1\frac{1}{2}$ ", £16.00. Specimen B: Bright reddish sharp octahedral crystals to 3 mm in size intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
55. CUPRITE. Ting Tang Mine, Gwennap, Cornwall. Dark reddish bright octahedral crystals to 4 mm in size aggregated and scattered on cellular gossany matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
56. CUPROADAMITE. Tsumeb, Otavi, S.W. Africa. Large lustrous dark greenish crystals to 1 cm in size intergrown in a 1" cavity in matrix, with large areas of bright yellowish micro crystallised TUMCORITE.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £24.00
57. CUPROADAMITE. Cap Garonne, near Hyeres, France. Small lustrous greenish crystals scattered on quartz.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £2.50p
58. DOLOMITE. Boscawell Mine, Pendeen, Cornwall. Lustrous creamy coloured translucent sharp rhombic crystals to  $\frac{1}{4}$ " in size thickly covering matrix.  $2 \times 1\frac{1}{4}$ ", £2.50p
59. EMDOLITE. Broken Hill, N.S. Wales, Australia. Olive-green crystalline masses and small well formed crystals lining cavities in iron matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £12.00
60. ENARGITE. Leonard Mine, Butte, Montana, U.S.A. Sharp silvery-grey terminated crystals to  $\frac{1}{2}$ " in size forming an intergrown group with bright brassy small PYRITES crystals sprinkled on them.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £16.00
61. EPIDOTE. Val Davone, Tessin, Switzerland. Lustrous olive-green elongated crystals to 1 cm in length scattered on matrix with small sharp creamy Adularia crystals.  $2 \times 1\frac{1}{2}$ ", £2.75p
62. ERYTHRITE. Wittichen, Black Forest, Germany. Light raspberry-red sprays of radiating crystals to  $\frac{1}{4}$ " in diameter scattered in hollows and on joints in a quartzose matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £8.00
63. FRANKLINITE. Franklin, New Jersey, U.S.A. Very rich blackish masses and crystal sections associated with orangey-red Zincite and a little Willemite.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £5.75p
- X 64. GALENA. Desore Mine, Kenwyn, Cornwall. Very rich heavy dark silvery-grey cleavage mass.  $3 \times 2\frac{1}{2} \times 2$ ", £4.75p
65. GOETHITE. Botallack Mine, St. Just, Cornwall. Lustrous blackish botryoidal and stalactitic masses covering matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
66. NATIVE GOLD. Cresson Mine, Cripple Creek, Colorado, U.S.A. Golden scales and flakes richly scattered on porphyry matrix.  $1\frac{1}{2} \times 1$ ", £3.00
67. GRAPHITE. Irkutsk, Siberia, Russia. Greyish shining mass with a slight columnar structure.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
68. GROSSULAR GARNET. Wakefield, Ottawa Co., Quebec, Canada. Sharp lustrous dark reddish modified single crystal, 12x12x12 mm, £1.50p
69. HEDENBERGITE variety Sahlite. Sala, Sweden. Light olive-green bladed crystalline mass.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p
70. HEMIMORPHITE. Mina Ojuela, Mapimi, Mexico. Sharp transparent colourless elongated terminated crystals to  $\frac{1}{2}$ " in length thickly covering limonitic matrix with odd sharp creamy rhombic crystals of Calcite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.50p



71. HOPEITE. Broken Hill, Zambia. Fine translucent lustrous creamy sharp terminated crystals to  $\frac{1}{4}$ " in size dotted on pale greenish radiating crystallised TARCOTTITE lining large cavities in limonitic matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00
72. HOPEITE. Broken Hill, Zambia. Lustrous small sharp creamy and reddish-brown iron-stained crystals to 2 mm in size scattered over a cellular gossany matrix. Specimen A:  $3\frac{1}{2} \times 3$ ", £14.00. Specimen B:  $2\frac{1}{2} \times 2$ ", £8.00. Specimen C:  $2 \times 1$ ", £3.75p. Specimen D:  $1\frac{1}{2} \times 1$ ", £1.75p
73. INESITE. Wessels Mine, Kalahari district, South Africa. Lustrous orangey-brown sharp crystals to 3 mm in size thickly encrusting matrix.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £26.00
74. ILMENITE variety MENAGGANITE. Menaccon, Lizard, Cornwall. A quantity of blackish sand in a plastic bag. £1.50p. The material is of interest as it was at this locality that Titanium was first detected by W. Gregor in 1791.
- X 75. LIMONITE. Raleighe Cross Mine, Brendon Hills, Somerset. Lustrous black botryoidal and stalactitic mass covering radiating, fibrous limonite on a cellular matrix.  $4 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £12.00
76. LISKEARDITE. Penberthy Croft Mine, St. Hilary, Cornwall. Creamy-white crystalline crusts covering areas and joints in gossany matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
77. LUDLAMITE. Blackbird Mine, Lemhi Co., Idaho, U.S.A. Light green sharp transparent crystals to 4 mm in size intergrown on matrix.  $1 \times \frac{1}{2}$ ", £4.75p
78. MALACHITE. Tsumeb, Otavi, S.W. Africa. Bright green velvety botryoidal masses lining a deep  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity in massive chalcocite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
79. MALACHITE. Quana Mkuba, Ndola, Zambia. Bright green well formed crystals to 3 mm in size encrusting large areas and lining cavities in crystalline malachite and quartz matrix.  $2\frac{1}{2} \times 2$ ", £9.00
80. MALAYAITE. Meldon, Dartmoor, Devon. Very rich light yellowish masses with minor speckles of sphalerite and hornfels matrix. Floresces light green under short-wave U.V. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £9.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
81. MELANOPHLOGITE. Fortullino, Tuscany, Italy. Transparent glassy bubbly masses richly scattered on matrix. Specimen A:  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B:  $2 \times 2 \times 1\frac{1}{2}$ ", £6.00. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p.
82. MENDIPITE. Higher Pitts, Mendip Hills, Somerset. Creamy to pinkish fibrous crystalline mass  $\frac{1}{2}$ " in size in calcite/pyrolusite matrix.  $2 \times 1\frac{1}{2}$ ", £4.75p
83. MENEHINITE. Pacific Gry<sup>1</sup>, Santa Cruz Co., California, U.S.A. Silvery-grey metallic masses in quartz and skarn rock. Specimen A:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.00. Specimen B:  $1\frac{1}{2} \times 1$ ", £2.50p
84. MOTTRAMITE. Broken Hill, Zambia. Sharp light brownish crystals and crystal clusters to 5 mm in size richly scattered all over a cellular and partly stalactitic matrix with creamy crystalline aggregates of Willemite.  $2 \times 1\frac{1}{2} \times 1$ ", £9.00
- X 85. NATROLITE replaced by Stilbite. Dean Gry., Lizard, Cornwall. Columnar natrolite crystals coated and replaced by small sparkling stilbite crystals. Most of the crystals are now hollow and range in size up to  $\frac{1}{4}$ " and are thickly intergrown on gabbro matrix.  $3\frac{1}{2} \times 2 \times 2$ ", £14.00
86. OLIVENITE. Tsumeb, Otavi, S.W. Africa. Bright dark olive-green sharp terminated crystals to 5 mm in size clustered in a  $\frac{1}{2}$ " cavity in matrix with coatings of apple-green micro crystallised Bayldobite.  $2\frac{1}{2} \times 1 \times 1$ ", £14.00
87. PAPAGOITE. New Cornelia Mine, Ajo, Arizona, U.S.A. Very rich sky-blue masses and veinlets on and in matrix.  $3 \times 2\frac{1}{2}$ ", £10.00
88. PECTOLITE. Porthoustock Gry., St. Keverne, Cornwall. Creamy-white radiating mass  $1 \times 1$ " in size implanted on gabbro with small crystals of prehnite and stilbite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
89. PREHNITE. Patterson, New Jersey, U.S.A. Silky lime-green coloured pure botryoidal mass.  $2 \times 1\frac{1}{2} \times 1$ ", £5.75p
90. PSEUDOMALACHITE. N'Changa Mine, Zambia. Small sparkling dark green crystals covering the surface of massive banded pseudomalachite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £9.00



91. BROUSTITE. Chanarcillo, Atacama, Chile. Dark reddish mass with very minor matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00
92. PYRRARGYRITE. Hiendeleancina, Guadalajara, Spain. Specimen A: Lustrous dark reddish well formed crystals and crystal sections to 8 mm in size scattered over and lining cavities in massive crystalline pyrrargyrite with minor matrix. Very rich old specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £48.00. Specimen B: Rich dark reddish crystalline mass with quartzose matrix and a little sphalerite, with minute crystals in places.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £8.00. Specimen C: As specimen B, but not so rich.  $2 \times 1 \times 1$ ", £3.50p
93. PYRITES. Shakespeare Cliff, Folkstone, Kent. Sharp bright brassy modified pointed crystals to  $\frac{1}{4}$ " in size intergrown all over a nodular mass.  $2 \times 2 \times 1\frac{1}{4}$ ", £2.50p
94. PYRITES. South Crofty Mine, Illogan, Cornwall. Bright brassy small sharp cubic crystals richly covering crystallised quartz and fluorite matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
95. PYRITES. Wheal Jane, Kea, Cornwall. Unusual bright brassy stalactitic mass with the surface showing cubic crystal faces.  $3\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
96. PYROPHYLLITE. Västana Mine, Wermland, Sweden. Creamy platy crystalline mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
97. QUARTZ. Wheal Mary Ann, Menheniot, Cornwall. Lustrous sharp pyramidal crystals to  $\frac{1}{4}$ " in size forming an intergrown group with lenticular light brown Siderite crystals to  $\frac{1}{4}$ " in size scattered over them with brassy pyrites intersting some of the siderite crystals. The reverse side shows cubic casts of fluorite.  $4\frac{1}{2} \times 3\frac{1}{4}$ ", £12.00
98. QUARTZ. Wheal Jane, Kea, Cornwall. Milky-white sharp terminated crystals to  $\frac{1}{4}$ " in length forming an intergrown group with one side encrusted with small bright Pyrites crystals.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £2.75p
99. QUARTZ. Furzehill Mine, Bere Ferrers, Devon. Small lustrous milky pyramidal crystals thickly covering matrix and showing a pronounced 'hacked' form.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
100. RHODOCHROSITE. NW Chwaning Mine, Kalahari district, S. Africa. Specimen A: Lustrous pale raspberry coloured small sharp crystals aggregated on larger crystals and covering a blackish pyrolusite matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £18.00. Specimen B: Lustrous reddish transparent sharp crystals to 4 mm in size thickly covering pyrolusite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
101. RICHTERITE. Langban, Wermland, Sweden. Light brownish crystals and crystalline masses richly scattered in calcite matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p
102. ROSASITE. Mina Ojuela, Mapimi, Mexico. Turquoise coloured radiating spherical crystal aggregates richly scattered all over limonitic matrix with sprays of turquoise-blue AURICHALCITE crystals and a large area of creamy CALCITE crystals. Very colourful specimen.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £9.00
103. SAMARSKITE. Spruce Pine, Colorado, U.S.A. Pure resinous black mass.  $1 \times 1$ ", £1.25p
104. SCHEELITE. Kalgoorlie, W. Australia. Very rich resinous orange mass with minor milky quartz.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
105. SCORODITE. Hemerdon Mine, Plympton, Devon. Choice transparent to translucent light bluish to greenish sharp terminated crystals to 5 mm in size richly lining cavities in quartz/wolfenite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £18.00
106. NATIVE SILVER. Broken Hill, N.S. Wales, Australia. Small sharp silvery crystals and spongy crystalline masses on crystalline Native Copper.  $2 \times 1 \times 1$ ", £9.00
107. NATIVE SILVER. Aspen, Colorado, U.S.A. Thin silvery sheets and scales on and in milky quartz.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
108. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Choice transparent sharp pale rose-coloured rhombic crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $2 \times 1\frac{1}{4}$ ", £10.00
109. SODALITE. Mont St. Hilaire, Quebec, Canada. Rich creamy-white crystalline mass with blackish hornblende.  $4 \times 2\frac{1}{4} \times 1$ ", £4.75p
110. SPECULARITE. Florence Mine, Egremont, Cumberland. Bright black shiny platy crystals associated with doubly terminated clear QUARTZ crystals to 1 cm in size covering both sides of hematite matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p



111. SPHALERITE. Nentsberry Mine, Alston Moor, Cumberland. Small sharp very bright blackish to deep reddish crystals richly scattered all over creamy curved Dolomite crystals on limestone matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.75p
112. STANNITE. East Pool Mine, Illogan, Cornwall. Rich tarnished metallic grey mass with minor quartz.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B: Very rich tarnished metallic grey mass with a little bladed Wolframite, quartz and chalcopryite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
113. STIGNITE. Ichinokawa, Shikoku Island, Japan. Group of bright silvery-grey striated interlocking crystals to  $\frac{1}{4}$ " in length.  $2\frac{1}{2} \times 1\frac{3}{4}$ ", £18.00
114. TITANITE. Alpe Stéggia, Graubünden, Switzerland. Small sharp lustrous pale brownish crystals scattered over matrix with creamy Pericline crystals and a little chlorite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p
115. TOPAZ. Cligga Head, Perranzabuloe, Cornwall. Sharp bright clear colourless crystals and crystal sections to  $\frac{1}{4}$ " in size intergrown in a  $\frac{1}{2} \times \frac{1}{2}$ " area in crystalline creamy topaz covering greisen matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p
116. TOURMALINE. Karibab, S.W. Africa. Lustrous pale bluish to pinkish striated crystal mass 3" in length embedded in quartz/muscovite mica pegmatite.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £5.00
117. TRIPHYLLITE. George Smith Mine, Claremont, New Hampshire, U.S.A. Light greyish-brown crystal section 1" in size partly embedded in quartz.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
118. TYROLITE. Gortdun Mine, Co. Tipperary, Ireland. Very rich lustrous green platy crystals and crystal rosettes covering large areas of dolomite matrix with minor azurite. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1$ ", £2.50p
119. VIVIANITE. Wheal Jane, Kea, Cornwall. Blackish bladed crystal mass on pyrites matrix with a little siderite.  $2 \times 1 \times 1$ ", £4.75p
120. WAVELLITE. Avant, Arkansas, U.S.A. Select light greenish radiating hemispherical masses to  $\frac{1}{2}$ " in diameter covering large areas of a light coloured matrix. Specimen A: with both sides covered in wavellite.  $3 \times 2$ ", £5.75p. Specimen B:  $2 \times 2$ ", £3.75p
121. WILLEMITE. Tsumeb, Otavi, S.W. Africa. Very choice transparent light turquoise blue well formed terminated crystals to  $\frac{1}{4}$ " in size scattered over creamy crystals of calcite covering matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £24.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2}$ ", not so rich as specimen A, £18.00
122. WOLFRAMITE. Cligga Mine, Perranzabuloe, Cornwall. Very rich lustrous black bladed mass with areas of cellular pale greyish-green scorodite.  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £6.00
123. WOLFRAMITE. Dolcoath Mine, Camborne, Cornwall. Rich bright black bladed mass with minor pinkish feldspar in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
124. WOLFRAMITE. Panasqueira, Oeiras-Oeiras, Portugal. Bright black well formed striated terminated tabular crystals forming an intergrown group with rhombic crystals of light brown Siderite on one end.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £12.00
125. WOLFENITE. Los Lamentos, Chihuahua, Mexico. Bright orangey transparent tabular crystals to  $\frac{1}{4}$ " in size thickly covering creamy-white calcite matrix.  $3 \times 3 \times 1\frac{1}{4}$ ", £9.00
126. META ZEONERITE. Wheal Edward, St. Just, Cornwall. Specimen A: Bright greenish small sharp crystals and crystal rosettes lining numerous small cavities on the surface of quartz and limonite matrix.  $4 \times 1\frac{1}{2} \times 2$ ", £10.00. Specimen B: Bright green small sharp crystals and crystal rosettes lining large cavities in slightly cellular limonite matrix.  $2 \times 2 \times 1\frac{1}{2}$ ", £9.00
127. ZINNWALDITE. Londonderry, W. Australia. Silvery-grey foliated crystalline mass.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p

The following are all specimens of cassiterite concentrates in glass bottles and jars and originated in an old Cornish collection:

128. Cassiterite concentrate. St. Dennis, Cornwall.  $4\frac{1}{2}$ " high glass bottle full of dark brownish-black granular cassiterite. £6.00



129. Cassiterite Concentrate. Dolcoath Mine, Camborne, Cornwall. 3" high by 2" wide glass jar full of light brown cassiterite. £5.75p
  130. Cassiterite Concentrate. King Edward Mine, Camborne, Cornwall. 4" high flat glass bottle full of light brown cassiterite. £4.75p
  131. Cassiterite concentrate. Wheel Kitty, St. Agnes, Cornwall. 3½" high glass bottle full of reddish-brown coarse granular cassiterite. £3.75p
  132. Cassiterite concentrate, Hemerdon Mine, Plympton, Devon. 3" high flat glass bottle full of dark brown granular cassiterite. £3.50p
  133. Cassiterite concentrate. King Edward Mine, Camborne, Cornwall. 3" high flat glass bottle full of dark brown cassiterite. £3.75p
  134. Cassiterite concentrate. Blue Hills Mine, St. Agnes, Cornwall. 3" glass bottle nearly full of dark brown granular cassiterite. £2.50p
  135. Cassiterite concentrate. Levant Mine, Pendeen, Cornwall. 3" high slender glass bottle full of fine grained light brown cassiterite. £2.50p
  136. Wolframite concentrate, Hemerdon Mine, Plympton, Devon. 3" high glass bottle full of blackish coarsely granular wolframite. £3.50p
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GEM CRAFT EASTER EXPO, Wembley Conference Centre, London, April 5th, 6th, 7th.

We shall be attending this show, which is open from 10am to 7pm each day. Our stand number is 64 and 65, which is situated quite close to the entrance in the Greenwich Room. We shall have on display a large selection of fine minerals, including many new and interesting items. We shall also have a selection of rare and old Cornish and European minerals which can be inspected on request. Looking forward to seeing you at the Show, which promises to be the biggest yet held in London.

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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 1980

1. AESCHYNITE. Val Nalps, Graubunden, Switzerland. Sharp micro crystals implanted on gneiss matrix.  $\frac{1}{2} \times \frac{1}{2}$ " £1.50p
2. AGARDITE. Dou Skour, Jbel Sarhrp, Morocco. Specimen A: Apple-green small fibrous tufts and masses scattered over large well formed Azurite crystals which are mostly replaced by green Malachite - the crystals ranging in size up to  $\frac{1}{4}$ ", and intergrown on a limonitic matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen B: Apple-green crystal tufts scattered over limonitic matrix with a little crystallised Azurite.  $1\frac{1}{2} \times 1$ ", £1.50p
3. ALGODONITE. Mohawk Mine, Keweenaw Pen., Michigan, U.S.A. Very rich tarnished brassy mass with quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
4. ALLEMONITE. Trebsco, Bohemia, C.S.S.R. Specimen A: Solid dark grey metallic mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00. Specimen B: Rich dark grey mass on quartzose matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p
5. ANAPAITE. Bellaver de Cerdana, Gerona, Spain. A  $1\frac{1}{2} \times 1$ " cavity in mudstone lined with olive coloured bright sparkling crystals.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.75p
6. ANGLESITE. Greystone, Lezant, Cornwall. Small glassy lustrous sharp spear-like crystals richly lining small cavities in galena/quartz matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.75p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.75p. Specimen C:  $1\frac{1}{2} \times 1$ ", £1.50p
7. APATITE variety FRANCOLITE. Holmbush Mine, Stoke Climsland, Cornwall. Sharp clear colourless crystals to 3 mm in size lining cavities in quartz veinstuff. Specimen A:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p. Specimen B: - not so rich as specimen A -  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.75p
8. ARGENTITE. Rayas Mine, Guanajuato, Mexico. Small sharp silvery-grey crystals to 3 mm in size scattered and intergrown on chalcopyrite matrix.  $1\frac{1}{2} \times \frac{3}{4} \times \frac{3}{4}$ ", £8.00
9. ARSENOPYRITE. Panasqueira, Beira-Beixa, Portugal. Specimen A: Bright silvery sharp crystals to nearly 1" in size intergrown on matrix, with the reverse side showing sharp creamy rhombic calcite crystals to  $\frac{1}{2}$ " in size, and a little crystallised siderite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00. Specimen B: Bright silvery sharp crystals to  $\frac{1}{4}$ " in size intergrown on massive arsenopyrite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.25p
10. ATACAMITE. Moonta, South Australia. Lustrous dark green small sharp crystals lining cavities in cellular massive etacamite with a little limonite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £12.00



11. AZURITE. Tynagh Mine, Co. Galway, Ireland. Small bright blue sparkling crystals thickly lining numerous large cavities in cellular crystalline azurite and light brown limonite matrix, with a little bright green fibrous Malachite in places.  $6\frac{3}{4} \times 2\frac{1}{2}$ ", £26.00
12. DARYTES. Settlingstones Mine, Hexham, Northumberland. Lustrous creamy coloured bladed crystals to 1 cm in size intergrown all over witherite matrix.  $2\frac{1}{2} \times 2$ ", £3.50p
13. DARYTES. Florence Mine, Egremont, Cumberland. Select group of large lustrous creamy coloured tabular terminated crystals to over 2" on face edges. One side of the crystals are coated with creamy saddle-shaped Dolomite crystals. Attractive specimen for display,  $4\frac{1}{2} \times 4\frac{1}{2} \times 2$ ", £24.00
14. BASTNAESITE. Mountain Pass Mine, California, U.S.A. Very rich pinkish masses with minor matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £1.25p each.
15. DERTHIERITE. Příbram, Bohemia, C.S.S.R. Tarnished metallic grey bladed masses intergrown with minor quartz matrix.  $3 \times 2 \times 1$ ", £14.00
16. BERYL variety AQUAMARINE. Teófilo Otoni, Minas Gerais, Brazil. A clear well formed and terminated single crystal showing interesting etch patterns in places. 33mm long by 9x9mm across the axis. £3.00
17. BINDHEIMITE. Trevinnick Mine, St. Kew, Cornwall. Very rich yellowish masses with quartz and minor limonite. Specimen A:  $4 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £7.00. Specimen B:  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen C:  $2 \times 2 \times 1$ ", £2.75p. Specimen D:  $1\frac{1}{2} \times 1 \times 1$ ", £1.50p
18. BISMUTHINITE. Fowey Consols Mine, Tywardreath, Cornwall. Silvery-grey acicular crystals sparsely scattered in cavities in cellular quartz/chalcopyrite veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
19. BORNITE. Hingston Down Mine, Calstock, Cornwall. Purply tarnished mass with a little silvery arsenopyrite in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.75p
20. BREWSTERITE. Corranree Mine, Strontian, Argyllshire, Scotland. Small sharp crystals to colourless crystals thickly encrusting both sides of matrix.  $2\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p
21. CALCITE. Ladywash Mine, Eyam, Derbyshire. A group of large transparent to translucent well formed scalenohedral crystals in parallel growth. The largest crystal is  $3\frac{1}{2}$ " in size. Overall size  $4\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ", £17.00
22. CALCITE. Levant Mine, Pendeen, Cornwall. Lustrous creamy sharp hexagonal crystals to nearly 1 cm in size intergrown on small clear quartz crystals covering matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £5.00
23. CALCITE. Tsumeb, Otavi, S.W. Africa. Sharp clear lustrous rhombic crystals to  $\frac{1}{2}$ " in size dotted on smaller calcite crystals, some tinged apple-green by inclusions of duftite, covering matrix.  $4\frac{1}{2} \times 2\frac{1}{2}$ ", £12.00
24. CARNOTITE. Ureavan, Colorado, U.S.A. Very rich yellowish masses with sandstone. Specimen A:  $3 \times 1\frac{1}{4}$ ", £4.75p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
25. CASSITERITE. Tasna, near Potosi, Bolivia. A rolled pebble of fine grained creamy to putty coloured alluvial cassiterite.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p
26. CASSITERITE. Uncia, Oruro, Bolivia. Unusual greyish to dark brown botryoidal masses of 'wood-tin'. Specimens each approx  $1\frac{1}{4} \times 1$ ", £1.75p each.
27. CASSITERITE. Jemaluang District, Malaya. Reddish to creamy-white rolled alluvial pebbles in plastic bags, each containing approx 8 ozs. Some of the pebbles show rounded crystal faces. £2.50p per bag.
28. CASSITERITE variety Wood-Tin. West Wheal Kitty, St. Agnes, Cornwall. Dark brown banded mass with a little quartz. The specimen has been cut and polished to show the banding to best advantage.  $2\frac{1}{2} \times 2$ ", £4.75p
29. CERARGYRITE. Cerro Gordo, Atacama district, Chile. Brownish masses richly covering gossany limonitic matrix with small bright green sharp ATACAMITE crystals in association.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £14.00



30. CERUSSITE. Brandybottle Mine, Swaledale, Yorkshire. Lustrous creamy-white tabular crystals to 1 cm in size thickly intergrown on large areas of cellular barytes and limonite matrix.  $5 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £15.50p
31. CHROME CERUSSITE. Kapi Mine, Dundas, Tasmania, Australia. Specimen A: Lustrous light yellowish-green sharp crystals to 4 mm in size richly lining a 2" cavity in limonitic matrix with traces of creamy-white dundasite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.00. Specimen B: Lustrous yellowish-green sharp crystals to 3 mm in size scattered over limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £6.00
32. CHALCOCITE. Carn Breca Mine, Illogan, Cornwall. Dark greyish sharp platy hexagonal crystals which appear to have altered to bornite, to 5 mm in size, richly intergrown and scattered over cellular quartzose veinstuff. A hand written Sir Arthur Russell label accompanies the specimen, which states that it was originally in the Baroness Burdett-Coutts collection.  $3 \times 2\frac{1}{2} \times 2$ ", £38.00
33. CERUSSITE. Huel Goat, Brittany, France. Lustrous well formed translucent crystals to 1 cm in size scattered over limonitic matrix. A very old and interesting specimen, examples from this locality are now rare.  $3\frac{1}{2} \times 3$ ", £38.00
34. CHALCOPHYLLITE. Penberthy Croft Mine, St. Hilary, Cornwall. Bright emerald-green platy crystals to 3 mm in size scattered in cavities in cellular gossany matrix with a little botryoidal malachite.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00
35. CHILDRENITE. George & Charlotte Mine, near Tavistock, Devonshire. Small sharp transparent golden-brown sparkling crystals thickly covering quartz/pyrites veinstuff.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
36. CINNABAR. Almaden, Ciudad Real, Spain. Small sharp bright red crystals to 2 mm in size richly scattered all over cinnabar/quartz matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.80
37. COLEMANITE. Bigadic, Turkey. Lustrous creamy-white sharp transparent crystals to 1 cm in size intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
38. NATIVE COPPER. Tincroft Mine, Illogan, Cornwall. Very rich cellular crystalline mass with odd fragments of quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
39. NATIVE COPPER. Poldory Mine, Gwennap, Cornwall. Tarnished coppery masses and sprigs covering areas of quartz.  $3 \times 1\frac{1}{4}$ ", £4.75p
40. NATIVE COPPER. Dogoslovsk, Ural Mts., Russia. Heavy coppery metallic ramifying mass showing good well formed crystals on it's surfaces. Weight is nearly 1 kilogram.  $4 \times 3 \times 2\frac{3}{4}$ ", £58.00
41. NATIVE COPPER. Onganja Mine, S.W. Africa. Small sharp crystals and fern-like dendritic masses thickly covering clear calcite crystals on matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.25p
42. COWLESITE. Ballyclare, Co. Antrim, N. Ireland. Creamy-white silky botryoidal masses lining small cavities in basalt matrix with other cavities lined with small creamy Levynite crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p
43. CREDNERITE. Mandip Hills, Somerset. Bright black platy crystalline masses on calcite and earthy pyrolusite matrix.  $1\frac{1}{2} \times 1 \times 1$ ", £8.00
44. CREEDITE. Colquiri, Lapov, Bolivia. Specimen A: Small sharp clear glassy crystals to 3 mm in size thickly covering matrix.  $2 \times 1\frac{1}{2}$ ", £7.00. Specimen B: Sharp creamy coloured crystals to 5 mm in size lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
45. CROCOITE. Platts Prospect, Dundas, Tasmania, Australia. Bright orangey-red sharp terminated crystals to 8 mm in size scattered and intergrown on areas of cellular limonitic matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
46. CROCOITE. Kominsky Mine, Dundas, Tasmania, Australia. Small slender orangey crystals scattered over dark green cellular crusts of small PYROMORPHITE crystals covering limonitic matrix. Specimen A:  $2\frac{1}{2} \times 2$ ", £5.75p. Specimen B:  $2 \times 2 \times 1\frac{1}{4}$ ", £4.75p
47. CUPRITE. Tsumeb, Otavi, S.W. Africa. Bright deep red sharp crystals to 3 mm in size scattered and intergrown on a slightly cellular matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £9.00



48. DANNEMORITE variety ASDEFERRITE. Brunsjogruven, Rallefors, Sweden. Golden-brown fibrous silky crystalline mass.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p
49. DOLOMITE. Thorold, Ontario, Canada. Lustrous creamy to pinkish sharp curved rhombic crystals to over  $\frac{1}{2}$ " in size thickly lining a  $2\frac{1}{2} \times 2\frac{1}{4}$ " cavity in matrix, with odd minute Chalcopyrite and Oravite crystals scattered on the Dolomite crystals.  $4 \times 3 \times 2$ ", £7.50p
50. DUFTITE. Tsumeb, Otavi, S.W. Africa. Lime-green crystals and cellular masses covering botryoidal malachite and calcite matrix. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.75p. Specimen C:  $2 \times 1\frac{1}{2}$ ", £2.75p
51. ECKERMANNITE. Norra Karr, Ostergotsland, Sweden. Rich grayish-green acicular crystals and masses in matrix.  $3 \times 1\frac{1}{4} \times 1$ ", £3.75p
52. EUDIALYTE. Norra Karr, Ostergotsland, Sweden. Rich raspberry-red masses scattered in matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
53. FLUORITE. Wolsendorf, Biberpfalz, Germany. Sharp light to dark purple cubic crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
54. FRANKLINITE. Franklin, New Jersey, U.S.A. Lustrous black single octahedral crystal, with most faces being well formed and complete.  $\frac{3}{4} \times \frac{1}{4}$ ", £3.00
55. GILLESPIE. El Rosario, Baja California, Mexico. Reddish masses in creamy-white SANDORITE matrix.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £3.50p
56. Gmelinite. Megheramourne, Co. Antrim, N. Ireland. Sharp orangey crystal 1 cm in size implanted in a cavity in basalt matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.50p
57. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Sharp lustrous blackish acicular crystals to 5 mm in length richly covering large areas of the surface and lining cavities in cellular quartz matrix, with the reverse side showing blackish botryoidal Psilomelane.  $5 \times 3 \times 2$ ", £11.00
58. GOETHITE variety Wood Iron Ore. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Select well banded fibrous light brown to dark brown masses with minor quartz in association. Specimen A:  $4 \times 2\frac{1}{4} \times 2\frac{1}{4}$ ", £4.75p. Specimen B:  $3 \times 2 \times 1\frac{1}{4}$ ", £2.75p. Specimen C:  $2 \times 1\frac{3}{4} \times 1$ ", £2.50p
59. NATIVE GOLD. Clogau Mine, near Dolgelly, Merionethshire, Wales. Golden specks and small masses in milky quartz. The surface of the specimen has been cut and polished to show the gold to best advantage.  $2\frac{1}{4} \times 1\frac{1}{2}$ ", £14.00
60. NATIVE GOLD. Kalgoorlie, W. Australia. Rich golden flakes and small masses scattered in matrix with pyrites and odd small patches of silvery PETZITE.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £18.00
61. HEMATITE variety Kidney Ore. Florence Mine, Egremont, Cumberland. Choice shining reddish-brown botryoidal masses of nice shape for display. Specimen A:  $4 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £8.00. Specimen B:  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £4.75p
62. HINDSALITE. Sylvester Mine, Zeehan, Tasmania, Australia. Creamy coloured masses replacing acicular pyromorphite crystals scattered over limonitic matrix. Specimen A:  $2 \times 1\frac{3}{4} \times 1$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1$ ", £2.75p. Specimen C:  $1 \times 1$ ", £1.25p.
63. ILMENITE. Miask, Ilmen Mts., Russia. Solid grayish-black mass.  $2\frac{1}{4} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £3.50p
64. JAMESONITE. Tresungers Mine, St. Endellion, Cornwall. Solid grayish metallic fine-grained masses showing a fibrous structure in places. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.75p
65. KINDITE. Christmas Mine, Gila Co., Arizona, U.S.A. Bright blue small crystalline masses scattered over matrix with odd small clear Apophyllite crystals. Specimen A:  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p
66. KUTNAHORITE. Wessels Mine, Kalahari district, S. Africa. Interlocking masses of creamy-white divergent sprays of crystals to  $\frac{1}{2}$ " in length, with a later coating of small sparkling quartz crystals, and odd minute sharp blackish Cabingtonite crystals. Specimen A:  $2 \times 2 \times 1$ ", £8.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen C: - without the quartz crystals,  $1 \times 1$ ", £1.75p



67. LIBETHENITE. Mindola openpit, Kitwa, Zambia. Lustrous dark olive-green sharp single composite crystal. 15x15x10 mm, £9.00
68. MAGNETITE. Haytor Iron Mine, Dartmoor, Devonshire. Bright black small sharp octahedral crystals richly covering matrix with minor actinolite in association  $3\frac{1}{2} \times 2\frac{1}{2} \times 1"$ , £7.25p
69. MALACHITE. Concepcion del Oro, Zacatecas, Mexico. Light green silky fibrous crystalline masses richly covering a slightly cellular limonitic matrix, with odd creamy-white CALCITE crystals in places. Nice specimen for display.  $5 \times 3\frac{1}{2} \times 2\frac{1}{2}"$ , £12.25p
70. MARCASITE. Picos de Europa, Santander, Spain. Bright brassy sharp wedge-shaped crystals to  $\frac{1}{2}"$  in size intergrown in areas on matrix with creamy crystallised Calcite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2"$ , £12.00
71. NIOCALITE. Oka, Quebec, Canada. Light brownish crystalline masses scattered in calcite matrix.  $2 \times 1\frac{1}{2}"$ , £3.25p
72. PARATACAMITE. Cerro Gordo, Atacama district, Chile. Small sparkling bright green sharp crystals very richly covering both sides of limonitic matrix, with cavities lined with small bright blue Azurite crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £24.00
73. PENTLANDITE. Kambalda, W. Australia. Rich dark brassy mass with minor golden chalcopyrite.  $3 \times 2"$ , £3.50p
74. PHOSGENITE. Monte Ponì, near Iglesias, Sardinia. Translucent creamy to pale brownish crystalline cleavage mass with minor limonite attached in places.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £24.00
75. PHOSPHURANYLITE. Wheal Edward, St. Just, Cornwall. Rich yellowish crusts and patches covering large areas of uraniferous matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £7.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1"$ , £3.75p
76. PREHNITE. Habachtal, Salzburg, Austria. Lustrous transparent pale greenish to colourless sharp crystals and crystal rosettes to 4 mm in size richly covering areas of matrix with sharp creamy ADULARIA crystals to  $\frac{1}{2}"$  in size, and chlorite in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £8.00
77. PSEUDOBROOKITE. Thomas Mts., Utah, U.S.A. Blackish acicular crystal spray 1 cm in length in a  $\frac{1}{2} \times \frac{1}{2}"$  cavity in rhyolite matrix.  $2\frac{1}{2} \times 2"$ , £5.75p
78. PURPURITE. Postmansburg, S. Africa. Rich bright purple cleavage mass with minor milky quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £5.75p
79. PYRITES after PYRRHOTITE. Trepcan, Yugoslavia. Sharp brassy hexagonal Pyrrhotite crystals to  $\frac{1}{2}"$  in diameter replaced by Pyrites, implanted on matrix with small milky quartz crystals and black schalerite crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £19.00
80. PYROMORPHITE. Black Star openpit, Mt. Isa, Queensland, Australia. Lustrous yellow-green hexagonal crystals to  $\frac{1}{4}"$  in size scattered on ferruginous matrix.  $2 \times 2 \times 1"$ , £9.00
81. QUARTZ. St. Gotthard, Ticino, Switzerland. A large well terminated mostly clear crystal with inclusions of chlorite and hornblende. Very nice display specimen. 5" long by  $3\frac{1}{2} \times 2\frac{1}{2}"$  across the axis. £24.00
82. QUARTZ. Wheal Crebar, Tavistock, Devonshire. Slender terminated milky crystals to  $\frac{1}{2}"$  in length covering matrix, with odd brassy Pyrites and Chalcopyrites crystals in places. Good specimen for display.  $5\frac{1}{2} \times 4 \times 2\frac{1}{2}"$ , £24.00
83. RASPBITE. Broken Hill, N.S. Wales, Australia. Orange coloured lustrous crystals to 2 mm in size scattered over matrix.  $1\frac{1}{2} \times 1\frac{1}{2}"$ , £24.00
84. RHODONITE. Treburland Mine, Altarnun, Cornwall. Rich light pink crystalline masses with minor black pyrolusite. Specimen A:  $4 \times 3 \times 1\frac{1}{2}"$ , £5.00. Specimen B:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £3.75p.
85. SCHEELITE. Zinnwald, Bohemia, C.S.S.R. Sharp pale brownish octahedral crystals to 3 mm in size richly scattered over quartz matrix.  $2 \times 1 \times 1"$ , £12.00
86. SCHEELITE. Penhale Mine, St. Cleer, Cornwall. Very rich creamy to greyish waxy crystalline masses with minor milky quartz and ferberite. Strong blue fluorescence under shortwave U.V., extremely rich examples for Cornish scheelite. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 2"$ , £9.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ , £8.00. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £4.75p

87. SEMSEYITE. Knipes Mine, New Cumnock, Ayrshire, Scotland. Rich greyish mass with stibnite and quartz.  $3 \times 2\frac{1}{2}$ ", £4.75p
  88. SPHALERITE. Panasqueira, Baira-Baixa, Portugal. Bright black well formed crystals to  $\frac{1}{4}$ " in size forming intergrown groups to 1" in diameter implanted on silvery crystallised ARSENOPYRITE matrix, with odd light brown lenticular SIDERITE crystals on the reverse side.  $3 \times 2$ ", £9.00
  89. STANNITE. Tolwang, N.S. Wales, Australia. Tarnished metallic grey mass associated with silvery sharp Arsenopyrite crystals to over  $\frac{1}{4}$ " in size, and minor pale brown crystallised siderite.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £5.25p
  90. STAUROLITE. Morbihan, Brittany, France. Dark brown well formed  $90^\circ$  twinned crystals. Each approx 1" in size, £1.50p each.
  91. STEPHANITE. Butte, Montana, U.S.A. Rich silvery-grey masses in quartzose matrix with a little galena.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
  92. TENNANTITE. Levant Mine, Pendeen, Cornwall. Small bright sparkling silvery-grey crystals richly lining cavities in cellular quartz veinstuff. Specimen A:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £6.00
  93. TETRAHEDRITE. Herodsfoot Mine, Lanreath, Cornwall. Chacopyrite-coated well formed crystals to 8 mm in size intergrown with dull greyish galena crystals and thickly covering quartz matrix.  $4 \times 3 \times 1\frac{1}{2}$ ", £24.00
  94. THAUMASITE. Gjellebekk, Duskerud, Norway. Creamy-white fibrous mass with minor matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.00
  95. TRITOMITE. Norra Karr, Orebro, Sweden. Resinous brown crystal sections to 5 mm in size embedded in matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
  96. VANADINITE. Mibladen, Atlas Mts., Morocco. Bright reddish sharp hexagonal crystals to 4 mm in size richly covering a light coloured matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00
  97. WAVELLITE. Hot Springs, Arkansas, U.S.A. Lustrous lime-green radiating spherical masses to nearly  $\frac{3}{4}$ " in diameter covering areas of brecciated matrix.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £5.75p
  98. WEILERITE. Tsumeb, Otavi, S.W. Africa. Light green mass with minor quartz.  $1\frac{1}{2} \times 1 \times 1$ ", £5.75p.
  99. WITHERITE. New Brancepeth Colliery, near Lanchester, Co. Durham. Greyish sharp hexagonal crystals to 1 cm in size thickly intergrown on matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00
  100. WOLFRAMITE. Wheal Vincent, Altarnun, Cornwall. Rounded alluvial pebble showing black bladed wolframite in milky quartz.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p
  101. WOLFRAMITE. Old Gunnislake Mine, Gunnislake, Cornwall. Very rich bright black blades in milky quartz and fluorite matrix. Specimen A:  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.75p
  102. WULFENITE. Los Lamentos, Chihuahua, Mexico. Bright orange tabular crystals to over  $\frac{1}{4}$ " in size intergrown and scattered on creamy calcite matrix.  $1\frac{1}{2} \times 1$ ", £4.00
  103. XENOTIME. Gamble, Norway. Sharp lustrous orangey-brown translucent crystal 6 mm in size implanted on matrix.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £12.00
  104. ZIRCON. Harts Ranges, N. Terr., Australia. Lustrous transparent to translucent orangey-brown crystal sections. Each approx  $\frac{3}{4}$ " in size, £1.25p each.
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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 specimens(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 1980

1. ADULARIA. Habachtal, Salzburg, Austria. Sharp creamy-white crystals partly coated with greenish chlorite, to  $\frac{1}{4}$ " in size thickly encrusting matrix.  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
2. ANDRADITE GARNET. Stanley Butte, Arizona, U.S.A. Lustrous dark olive coloured sharp crystals to 8 mm in size thickly intergrown on matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £17.00
3. APATITE. Goldenpoint Qry., Luxulyan, Cornwall. Sharp terminated lustrous pale greenish hexagonal crystals to 3 mm in size thickly covering feldspar and quartz matrix.  $\frac{3}{4} \times \frac{1}{4}$ ", £2.50p
4. ARAGONITE. Frizington, Cumberland. Choice translucent to transparent divergent spray of elongated spear-like crystals. Nice old specimen,  $3\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
5. ARAMAYOITE. San Genaro Mine, Huancavelica, Peru. Bright silvery-grey sharp crystals to 3 mm in size thickly intergrown on massive aramayoite matrix, all the specimens show crystals on both sides and are extremely good examples of this rare mineral. Specimen A:  $1 \times 1 \times 1$ ", £36.00. Specimen B:  $1\frac{1}{4} \times \frac{3}{4} \times \frac{3}{4}$ ", £32.00. Specimen C:  $\frac{3}{4} \times \frac{3}{4} \times \frac{3}{4}$ ", £20.00
6. AURICHALCITE. Wet Groves Mine, Wensleydale, Yorkshire. Turquoise blue sprays and clusters of crystals scattered over crystallised calcite matrix. Specimen A:  $3 \times 2 \times 1\frac{1}{4}$ ", £4.75p. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.50p. Specimen C:  $1\frac{1}{2} \times 1$ ", £2.50p
7. AURICHALCITE. 79 Mine, Gila Co., Arizona, U.S.A. Choice turquoise blue sprays of velvety crystals thickly covering both sides and lining cavities in a cellular matrix. Very colourful specimen.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £12.00
8. BAUMHAUERITE. Lengenbach Qry., Binnental, Switzerland. Rich silvery-grey masses with minor amounts of pyrites and realgar in white dolomite. Specimen A: very rich in baumhauerite,  $2 \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B:  $1\frac{3}{4} \times 1\frac{1}{4}$ ", £4.00. Specimen C:  $1\frac{1}{4} \times 1$ ", £2.50p
9. BAYLDONITE. Penberthy Croft Mine, St. Hilary, Cornwall. Lime green crystalline crust covering large areas of matrix with patches of micro mimetite crystals.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ", £3.50p
10. BERTRANDITE. Biermann Qry., Bethel, Connecticut, U.S.A. Small sharp colourless crystals lining a  $\frac{3}{4}$ " cavity in pegmatite matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
11. NATIVE BISMUTH. Wheal Sparnon, Redruth, Cornwall. Very rich silvery crystalline masses with smaltite and quartz, and with pinkish coatings of erythrite in places. Specimen A:  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £18.00. Specimen B:  $1\frac{1}{2} \times 1 \times 1$ ", £8.00
12. BLOMSTRANDINE. Kragero, Norway. Rich pitchy-black resinous mass with minor feldspar.  $1\frac{1}{4} \times 1$ ", £1.50p



13. DOULANGERITE. Tresungers Mine, St. Endellion, Cornwall. Small cavities in quartz and ankerite matrix lined with tarnished silvery needly crystals. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.75p
14. BUSTAMITE. Langban, Wermland, Sweden. Dark brownish bladed masses with calcite and richterite matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.50p
15. CALCITE. Ladywash Mine, Eyam, Derbyshire. Choice lustrous mostly transparent pale golden coloured internally zoned scalenohedral crystal  $3$ " in size implanted on a bed of smaller crystals to  $1$ " in size covering calcite/fluorite matrix. Nice display specimen,  $6\frac{1}{2} \times 4\frac{1}{2} \times 3\frac{1}{2}$ ", £24.00
16. CALCITE. Tsumeb, Otavi, S.W. Africa. Transparent colourless sharp rhombic crystals to  $1$  cm in size thickly covering matrix with patches of dark lime-green crystalline DUFTITE encrusting parts of the crystals.  $2\frac{1}{2} \times 2$ ", £8.00
17. CALCITE. Croft Pit, Digrigg, Cumberland. An unusual clear sharp twinned single crystal.  $2 \times 1\frac{1}{2} \times 1$ ", £14.00
18. CARPHOLITE. Wippra, Harz, Germany. Very rich golden fibrous radiating masses in greisen.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.00
19. CASSITERITE. Savath Chinaclay Work, Luxulyan, Cornwall. Bright sharp blackish to dark brown twinned crystals to  $4$  mm in size thickly lining numerous cavities in cellular cassiterite and tourmaline matrix.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ", £24.00
20. CASSITERITE. Great Work Mine, Breage, Cornwall. Well formed lustrous dark brown crystals to nearly  $1$  cm in size scattered on matrix.  $2 \times 1\frac{1}{4}$ ", £5.75p
21. CERARGYRITE replacing POLYBASITE. Las Chiapas, Sonora, Mexico. Dark brownish cerargyrite replacing well formed crystals of polybasite to  $\frac{3}{4}$ " in size forming an intergrown group.  $1\frac{1}{4} \times 1 \times \frac{3}{4}$ ", £38.00
22. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Choice lustrous transparent glassy twinned crystals to  $1\frac{1}{2}$ " in size forming a very rich intergrown mass showing a reticulated structure in places, and with small patches of bluish micro crystallised linarite  $4 \times 3\frac{1}{2} \times 3$ ", £56.00
23. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Sharp transparent to translucent tabular crystals to  $\frac{3}{4}$ " in size partly coated with yellowish crystallised MIMETITE, and implanted on lime-green crystalline DUFTITE matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £10.00
24. CHALCANTHOTE. Wheal Jane, Kea, Cornwall. Most unusual and beautiful stalactitic masses, being bright blue to greenish in colour and mostly transparent. Some Pisanite is probably present in some of the specimens. These examples appear to be stable, but are best preserved in a dry atmosphere and kept out of strong sunlight. Specimen A: Very large stalactite,  $8\frac{1}{2}$ " long by  $2\frac{1}{2} \times 2$ ", £18.00. Specimen B: Fine deep blue ramifying group of stalactites,  $4 \times 3\frac{1}{2} \times 3$ " £14.00. Specimen C: Light blue stalactite, with well formed crystals at one end,  $4" \times 2 \times 1\frac{1}{4}$ ", £8.00. Specimen D: Bright blue stalactite,  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.00. Specimen E: Bright blue stalactite,  $2\frac{1}{2} \times \frac{3}{4}$ ", £2.50p
25. CHALCOPYRITE. Virtuous Lady Mine, Duckland Monachorum, Devon. Partly tarnished brassy phenoidal crystals to  $\frac{3}{4}$ " in size forming an intergrown group with lustrous milky quartz crystals partly covering one side.  $2\frac{1}{2} \times 2$ ", £18.00
26. CHALCOSIDERITE. Phoenix Mine, Linkinhorne, Cornwall. Lustrous dark greenish clusters of sharp crystals scattered in a  $1$ " cavity in matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00
27. CHROME DIOPSIDE. Langban, Wermland, Sweden. Greenish crystalline mass with bright black Chromite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
28. CINNABAR. Almaden, Ciudad Real, Spain. Bright reddish crystalline masses and areas of well formed crystals to  $3$  mm in size on quartzite matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
29. NATIVE COPPER. Phoenix Mine, Linkinhorne, Cornwall. Rich metallic crystalline thick sheet with minor fragments of matrix attached.  $3\frac{3}{4} \times 2\frac{1}{4}$ ", £14.00
30. NATIVE COPPER. Turinsk, near Bogoslovsk, Ural Mts., Russia. Well formed crystals to  $\frac{1}{4}$ " in size implanted on a ramifying crystalline mass of copper.  $1\frac{1}{2} \times 1$ ", £9.00



31. CROCOITE. Nickeltagebau, Obercallenberg, Saxony, Germany. Sharp lustrous orangey crystals showing good terminations, to  $\frac{1}{2}$ " in length, thickly encrusting an oxidised matrix showing yellowish bindheimite and vaquelinite.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £48.00
32. CUPRITE. Chessy, Rhone, France. A cluster of sharp dodecahedral crystals coated with malachite, with individual crystals attaining 6 mm in size. Overall size  $15 \times 10$  mm, £12.25p
33. DIAMOND. Kimberley, South Africa. A sharp translucent slightly distorted octahedral crystal, 0.61 carat, approx 5 mm in size. £10.00
34. DJURLEITE. Cannington Park Qry., Cannington, Somerset. Rich greyish metallic masses scattered through calcite matrix with small cavities lined with small bright blue azurite crystals. Specimen A:  $3 \times 2 \times 1\frac{1}{2}$ ", £5.75p. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen C:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.75p. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.75p
35. DOLOMITE. Florence Mine, Egrement, Cumberland. Lustrous creamy-white curved saddle-shaped crystals thickly encrusting botryoidal HEMATITE matrix, with odd small sharp transparent colourless to very pale blue FLUORITE crystals to  $\frac{1}{4}$ " in size. Nice display specimen,  $7 \times 4 \times 1\frac{1}{2}$ ", £24.00
36. ERYTHRITE. Mt. Cobalt, Queensland, Australia. Bright raspberry-red needly velvety crystals covering a  $1\frac{1}{2} \times 1$ " area of matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
37. FLUELLITE. Kapunda, South Australia. Small sharp transparent colourless sparkling crystals covering a  $1\frac{1}{2} \times 1$ " area of limonitic matrix.  $2\frac{1}{2} \times 2$ ", £14.00
38. FLUORITE. Naica, Chihuahua, Mexico. Dark violet coloured lustrous sharp cubic crystals with stepped faces to 2" in size forming an intergrown group.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
39. FLUORITE. Heights Qry., Weardale, Co. Durham. Transparent colourless to light greenish-purple twinned cubic crystals to  $\frac{1}{2}$ " in size, some showing strange beveled and modified edges, intergrown on matrix with odd small quartz crystals.  $3\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £10.00
40. FRANKLINITE. Franklin, Sussex Co., New Jersey, U.S.A. Bright black crystalline masses associated with calcite and a little willemite.  $3 \times 2\frac{1}{2} \times 1$ ", £4.75p
41. GALENA. Baxter Springs, Kansas, U.S.A. Sharp metallic grey cube-octahedral crystals to nearly  $\frac{3}{4}$ " in size scattered on a brecciated chert matrix with lustrous dark brownish-black Sphalerite crystals to  $\frac{1}{2}$ " in size, and creamy white crystallised Calcite.  $3\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £7.25p
42. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Very bright silvery-grey sharp single cubic crystal showing minor parallel growth on it's faces.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00
43. GOETHITE. Mendip Hills, Somerset. Bright blackish lustrous radiating crystalline masses with well formed crystals on their surfaces, lining a large cavity in irony matrix with clear terminated QUARTZ crystals to  $\frac{1}{2}$ " in size.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
44. NATIVE GOLD. Great Boulder Mine, Kalgoorlie, W. Australia. Golden masses and specks in a dark schistose matrix.  $\frac{1}{2} \times \frac{1}{2}$ ", £3.50p
45. HEMIMORPHITE. Mina Ojuela, Mapimi, Mexico. Lustrous transparent colourless sharp terminated crystals aggregated in sprays to  $\frac{1}{2}$ " in size and encrusting the surface of a cellular limonitic matrix.  $3 \times 2\frac{1}{2} \times 2$ ", £9.00
46. HIDALGOITE. Gold Hill, Utah, U.S.A. Rich yellowish-green cellular mass with minor limonite in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.75p
47. KAMMERERITE. Kop chrome mine, Eezincan, Turkey. Specimen A: Bright raspberry-red small sharp crystals to 2 mm in size thickly covering most of the surface of blackish chromite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00. Specimen B: Lustrous sharp raspberry-red crystals to 3 mm in size covering both sides of chromite matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00. Specimen C: As specimen B, but not so rich,  $2 \times 1\frac{1}{2} \times 1$ ", £5.00
48. KEILHAUITE. Duoen, Arendal, Norway. Rich blackish mass with minor quartz.  $1\frac{1}{2} \times 1$ ", £1.50p
49. LAZULITE. Rapid Creek, Yukon, Canada. Sharp lustrous very deep blue crystal  $\frac{1}{2}$ " in size implanted on matrix with smaller crystals.  $1\frac{1}{2} \times \frac{3}{4} \times \frac{3}{4}$ ", £9.00



50. LINARITE. Blanchard Claims, Bingham, New Mexico, U.S.A. Bright blue small sharp sparkling crystals richly covering large areas of matrix with galena.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £7.00
51. MARCASITE. Panasqueira, Beira-Beixa, Portugal. Bright golden twinned bladed crystals to over  $\frac{1}{2}$ " in size intergrown on arsenopyrite matrix with silvery sharp crystals of ARSENOPYRITE, brassy crystals of PYRITES, and a little creamy CALCITE.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £16.50p.
52. MARGARITE. Langban, Weimland, Sweden. Brownish-red platy crystalline masses to  $\frac{3}{4}$ " in size scattered in calcite matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £3.50p
53. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous pale yellowish spiky crystals to over  $\frac{1}{4}$ " in length richly scattered all over a cellular matrix with small patches of greenish malachite.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £15.00
54. MIMETITE. Mina Ojuela, Mapimi, Mexico. Unusual pale yellowish botryoidal masses partly coated with small sharp clear HEMIMORPHITE crystals and small rhombic Calcite crystals on limonitic matrix. Specimen A:  $4\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £14.00. Specimen B:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen C:  $3\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
55. MOLYBDENITE. Penlee Qry., Newlyn, Cornwall. Silvery-grey foliated platy crystals on arsenopyrite and quartz matrix.  $1\frac{1}{2}$ ", £0.80p
56. PARALAURIONITE. Mendip Hills, Somerset. Light yellowish masses embedded in Hydrocerussite in pyrolusite matrix.  $2 \times 1\frac{1}{2}$ ", £8.00
57. PECTOLITE. Force Garth Qry., Teesdale, Co. Durham. Very rich creamy-white radiating crystalline masses with minor matrix. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen B:  $2 \times 2 \times 1\frac{1}{2}$ ", £3.50p
58. PHARMACOSIDERITE. Hingston Down Consols Mine, Calstock, Cornwall. Sharp greenish cubic crystals to 2 mm in size richly scattered all over a slightly cellular gossany matrix with silvery arsenopyrite. Very rich specimen for this locality.  $2\frac{1}{4} \times 2\frac{1}{4}$ ", £24.00
59. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Small sharp sparkling green crystals richly lining a 1" cavity and several smaller cavities in gossany matrix.  $2 \times 2 \times 1\frac{1}{2}$ ", £9.00
60. PHOSPHURANYLITE. Mergnac, Haute-Vienne, France. Lemon yellow crystalline masses with minor Autunite on limonitic matrix.  $1 \times 1$ " £1.50p
61. PISANITE. Wheal Jane, Kea, Cornwall. Choice pale greenish inclining to bluish lustrous transparent to translucent stalactitic masses. Specimen A:  $5\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £12.00. Specimen B:  $4\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00. Specimen C:  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen D:  $2\frac{1}{2} \times 1 \times 1$ ", £3.00.
62. PLUMBOGUMMITE. Roughtengill Mine, Caldbeck, Cumberland. Pale bluish coatings on quartz with a later partial encrustation of lustrous yellowish-green PYROMORPHITE crystals  $2 \times 1\frac{1}{4} \times 1$ ", £8.00
63. PROUSTITE. San Genaro Mine, Huancavelica, Peru. Specimen A: Lustrous red sharp well formed terminated crystals to 1 cm in size richly scattered all over quartzose matrix.  $4\frac{1}{2} \times 4 \times 1\frac{1}{2}$ ", £138.00. Specimen B: Lustrous cherry-red group of sharp terminated crystals to  $\frac{1}{4}$ " in size.  $1 \times 1$ ", £30.00. Specimen C: Sharp dark reddish terminated crystals to 8 mm in size forming an intergrown group.  $1 \times 1\frac{1}{2}$ ", £16.00. Specimen D: Sharp reddish terminated crystals to 5 mm in size intergrown on matrix.  $\frac{3}{4} \times \frac{3}{4}$ ", £12.00. Specimen E: Sharp reddish terminated crystals to 6 mm in size forming an intergrown group.  $\frac{2}{3} \times \frac{1}{2}$ ", £6.00
64. PYRITES. Mina San Cristobal, Huancavelica, Peru. Bright light golden twinned pyritohedral crystals of the rare IRON CROSS form, to  $\frac{1}{4}$ " in size thickly intergrown on matrix.  $4 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £38.00
65. PYRITES. Mina San Cristobal, Huancavelica, Peru. Specimen A: Very bright brassy sharp cubic crystals to  $\frac{1}{2}$ " in size forming an intergrown cellular mass with a little snowy-white crystallised calcite on one side.  $4 \times 3 \times 2\frac{1}{2}$ ", £23.00. Specimen B: Fine bright brassy cubic crystals with striated faces to  $\frac{1}{4}$ " in size intergrown on matrix.  $3 \times 3 \times 1\frac{1}{2}$ ", £18.00. Specimen C: Sharp bright brassy cubic crystals with striated faces to  $\frac{1}{2}$ " in size forming an intergrown group.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00



66. PYRITES. South Crofty Mine, Illogan, Cornwall. Bright brassy small sharp cubic crystals richly scattered over crystallised pale greenish fluorite and quartz matrix.  $2\frac{3}{4} \times 1\frac{1}{8}$ ", £4.75p
67. PYRITES. Wheal Jane, Kea, Cornwall. Small sharp bright brassy crystals thickly covering pyramidal Quartz crystals covering a dome-shaped matrix.  $4 \times 3 \times 2\frac{1}{2}$ ", £9.00
68. PYRODAURITE. Langban, Wermland, Sweden. Orangy-brown crystalline scales on fine grained creamy calcite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p
69. PYROLUSITE. Quither Mine, Milton Abbot, Devon. Lustrous black cellular botryoidal and stalactitic masses. Specimen A:  $3 \times 3 \times 1\frac{1}{2}$ ", £3.50p. Specimen B:  $2 \times 1\frac{1}{2}$ ", £1.50p
70. PYROMORPHITE. Roughtengill Mine, Caldbeck, Cumberland. A large partly skeletal sharp lustrous pale greenish hexagonal single crystal.  $15 \times 14 \times 10$  mm £12.00
71. PYROMORPHITE. Redgill Mine, Caldbeck, Cumberland. Small light greenish crystals thickly covering cellular quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.75p
72. PYROMORPHITE. Mine les Farges, Creuse, France. Lustrous orangy-brown sharp tapering hexagonal crystals to 8 mm in size forming an intergrown cellular group.  $2 \times 1\frac{1}{4} \times 1$ ", £23.00
73. QUARTZ. Levant Mine, Pendeen, Cornwall. Slender transparent terminated crystals to over 1" in length scattered all over a cellular matrix.  $5 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £8.00
74. RHODOCHROSITE. N'Chwaning Mine, Kolahari district, South Africa. Orangy-red well formed crystals to 8 mm in size intergrown on matrix with minute crystals of quartz and magganite scattered over the crystals of rhodochrosite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
75. RHODOCHROSITE. Castrovirreyne, near Lima, Peru. Lustrous light pinkish sharp rhombic crystals to 8 mm in size richly scattered all over matrix with small quartz crystals and sharp silvery-grey TETRAHEDRITE crystals to  $\frac{1}{4}$ " in size.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £14.00
76. RICHTERITE. Langban, Wermland, Sweden. Rich orangy veins and crystalline masses with calcite and other minerals. Specimen A:  $2 \times 2 \times 1$ ", £2.50p. Specimen B:  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £1.75p. Specimen C:  $1\frac{1}{2} \times 1 \times 1$ ", £1.25p
77. ROSASITE. Silverbill Mine, Gleason, Arizona, U.S.A. Light greenish botryoidal masses to 8 mm in diameter lining a 2" cavity in Smithsonite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00
78. SAMARSKITE. Spruce Pine, Colorado, U.S.A. Rich resinous dark blackish-brown mass.  $1 \times 1$ ", £1.25p
79. SCORODITE. Prince of Wales Mine, Calstock, Cornwall. Lustrous light greenish sharp transparent crystals to 3 mm in size lining a 1" cavity in matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
80. SERANDITE. St. Hilaire, Quebec, Canada. Specimen A: Very rich lustrous pink crystal sections intergrown on and in calcite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00. Specimen B: Rich bright pinkish crystal sections scattered on quartz and calcite matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{8}$ ", £5.75p
81. NATIVE SILVER. Cobalt, Ontario, Canada. Bright silvery thin sheet.  $3\frac{1}{4} \times 1\frac{1}{2}$ ", £14.00
82. SMITHSONITE. Tynagh Mine, Co. Galway, Ireland. Small sharp transparent pale greenish crystals scattered all over limestone matrix. Specimen A:  $4 \times 2 \times 1$ ", £5.75p. Specimen B:  $3 \times 1\frac{1}{2} \times 1$ ", £4.00. Specimen C:  $2\frac{1}{4} \times 1 \times 1$ ", £2.75p
83. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Sharp lustrous large creamy coloured crystals to  $\frac{3}{4}$ " in size forming an intergrown group.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £19.00
84. SPECULARITE. Florence Mine, Egremont, Cumberland. Small bright black platy crystals scattered all over an unusual brecciated mass of kidney-hematite with odd small sharp clear Quartz crystals,  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
85. SPHALERITE. Ladywash Mine, Eyam, Derbyshire. Lustrous blackish sharp composite crystals to  $\frac{1}{2}$ " in size encrusting clear FLUORITE crystals covering matrix.  $5 \times 3 \times 1\frac{1}{2}$ ", £9.00
86. SPHALERITE. Baxter Springs, Cherokee Co., Kansas, U.S.A. Bright black large sharp crystals to 1" in size intergrown and scattered on matrix with creamy to pale pinkish curved crystals of Dolomite.  $3\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £15.50p

87. SPHALERITE. Force Crag Mine, near Keswick, Cumberland. Lustrous dark brownish-black well formed crystals to  $\frac{1}{4}$ " in size intergrown on siderite and slate matrix.  $5 \times 4\frac{1}{2} \times 1\frac{1}{2}$ ", £10.00
88. SPHALERITE. Trupca, Yugoslavia. Bright black sharp crystals to  $\frac{1}{4}$ " in size intergrown and scattered on matrix with slender milky to clear QUARTZ crystals to  $\frac{1}{2}$ " in length, lustrous pale brown crystals of SIDERITE, and odd creamy crystals of CALCITE. Very choice specimen for display.  $4 \times 3 \times 2\frac{1}{2}$ ", £48.00
89. STANNITE. South Crofty Mine, Illogan, Cornwall. Very rich tarnished metallic grey mass with feldspar and odd blades of wolframite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £12.00
90. STIONITE. Felsobanya, Rumania. Specimen A: Bright silvery-grey sharp terminated crystals to 1" in length intergrown and free-standing on matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £37.50p. Specimen B: Bright silvery-grey sharp terminated crystals to 1" in length forming a radiating spray with no matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £25.00. Specimen C: Sharp silvery-grey terminated crystals to  $\frac{1}{2}$ " in length intergrown and free-standing on matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £19.00
91. STILOITE. The Stoer, Isle of Skye, Scotland. Lustrous creamy-white sharp tabular crystals thickly lining a large  $3 \times 2 \times 2$ " cavity in crystalline stilbite matrix.  $4\frac{1}{2} \times 3\frac{1}{2} \times 3$ ", £7.00
92. STRONTIANITE. Whitesmith Mine, Strontian, Argyllshire, Scotland. Rich lime-green radiating crystalline masses with minor calcite and brewsterite. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
93. SYNCHYSITE. Val Nalpa, Graubunden, Switzerland. Micro crystals implanted on gneiss matrix. Specimens each approx 1" in size, £1.50p each.
94. TETRAHEDRITE variety SCHWARTZITE. Schwartz, Tyrol, Austria. Sharp metallic grey crystal nearly  $\frac{1}{2}$ " in size, and several smaller crystals, partly embedded in barytes and quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £12.00
95. TOPAZ. Mourne Mts., Co. Down, N. Ireland. Sharp transparent colourless doubly terminated crystal 5 mm in size implanted in a cavity in granite with smoky quartz crystals and creamy feldspar crystals.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.75p
96. UVAROVITE GARNET. Outokumpu, Finland. Well formed dark greenish crystals to 3 mm in size embedded on one end of chrome diopside matrix with minor pyrrhotite.  $1 \times \frac{1}{2}$ ", £1.50p
97. VARISCITE. Hot Springs, Arkansas, U.S.A. Bright greenish crystallised crusts covering large areas of a brecciated matrix.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
98. WITHERITE. Settlingstones Mine, Hexham, Northumberland. Lustrous creamy coloured ball-like mass with the surface covered in small sharp crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £9.00
99. WOLFRAMITE. Cligga Mine, Perranzabuloe, Cornwall. Bright black bladed mass with patches of pale greenish cellular scorodite.  $3 \times 2\frac{1}{2} \times 2$ ", £6.00
100. WULFENITE. Stephanie Mine, Mezica, Yugoslavia. Lustrous orangey platy crystals to 1 cm in size intergrown and scattered on a cellular oxidised galena matrix with areas of small creamy sharp Cerussite crystals.  $5\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £25.00p
101. WULFENITE. Los Lamentos, Chihuahua, Mexico. Bright orangey sharp transparent tabular crystals to  $\frac{1}{4}$ " in size encrusting creamy-white calcite and limestone matrix.  $3\frac{1}{4} \times 3 \times 1\frac{1}{4}$ ", £9.00
102. ZINNWALDITE. Londonderry, W. Australia. Lavender coloured foliated crystalline mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
103. ZIRCON. Kempong, Gajah, Malaya. A quantity of pale brown alluvial sand in a plastic bag. £1.50p
104. ZOISITE variety THULITE. Lom, Norway. Bright pink mass with thin veins of quartz.  $3 \times 3 \times 1\frac{1}{2}$ ", £4.00



TEL.NO.: Tavistock 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.

June 1980.

1. ALLAUDITE. Pennington Co., S. Dakota, U.S.A. Very rich dark greenish to black masses with minor quartz in association. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £8.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p. Specimen D:  $1\frac{1}{2} \times 1$ ", £1.50p
2. AMOSITE. Penge, South Africa. Rich fibrous creamy to greyish vein-sections. Specimen A:  $2\frac{1}{2} \times 2$ ", £2.75p. Specimen B:  $2\frac{1}{2} \times 1$ ", £1.50p
3. ANGLESITE. Tsumeb, Otavi, S.W. Africa. Lustrous transparent to translucent creamy to colourless well formed crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
4. ARAGONITE. Tazoula, near Sefrou, Morocco. Very choice sharp pseudo-hexagonal orangey-brown crystals to 1 cm in size forming a ball-like mass. Very attractive specimen.  $3 \times 2\frac{1}{2} \times 2$ ", £12.00
5. ATACAMITE. Copiapo, Atacama Desert, Chile. Minute bright green sparkling crystals covering large areas of matrix.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £5.75p
6. AUSTINITE. Gold Hill, Tooele Co., Utah, U.S.A. Creamy-white small sharp crystals and crystal crusts richly lining cavities in limonitic matrix together with areas of small sharp clear Adamite crystals. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £12.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00. Specimen C:  $2 \times 2 \times 1\frac{1}{4}$ ", £4.75p. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p. Specimen E:  $1\frac{1}{2} \times 1$ ", £1.50p
7. AZURITE. Tsumeb, Otavi, S.W. Africa. Small sharp sparkling bright blue crystals encrusting matrix with minor crystallised Cerussite. Specimen A:  $2 \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1$ ", £1.50p
8. BERTHIERITE. Herja, Rumania. Rich silvery-grey fibrous crystalline mass.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £5.00
9. BISMUTHINITE. South Crofty Mine, Illogan, Cornwall. Silvery-grey blades and needle crystals lying flat on crystallised quartz matrix.  $1 \times \frac{1}{2}$ ", £3.75p
10. BOLEITE. Santa Rosalia, Doleo, Baja California, Mexico. Sharp deep blue cubic crystal 5x5 mm in size partly embedded in limonitic matrix, with another smaller crystal partly showing. The matrix has been treated to prevent it falling apart as it is soft limonitic clay.  $1\frac{1}{2} \times 1$ ", £16.00
11. BOURNONITE. Julcani Mine, Junin Prov., Peru. Dark greyish metallic twinned crystals to 4 mm in size scattered over bright sharp pyritohedral Pyrites crystals to 1 cm in size.  $2 \times 1\frac{1}{4}$ ", £10.00
12. BROCHANTITE. Portales mine, Bingham, New Mexico, U.S.A. Rich crusts of small sharp sparkling green crystals covering large areas of matrix. Specimen A:  $3\frac{1}{2} \times 3\frac{1}{2}$ ", £14.00. Specimen B:  $2\frac{1}{2} \times 2$ ", £6.00. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p



13. QUADRSKYITE. Kauk, Hoxa, C.S.S.R. Creamy-yellow nodular mass.  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £4.75p.
14. BUSTAMITE. North Mine, Broken Hill, N.S. Wales, Australia. Specimen A: Select lustrous translucent pinkish well formed tabular crystals, some showing terminations, to  $\frac{1}{2}$ " in length, forming an intergrown group with calcite and minor galena.  $4 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00. Specimen B: Intergrown group of well formed lustrous translucent pinkish crystals with galena and calcite. Longest crystal  $1\frac{1}{2}$ " in length,  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £10.00. Specimen C: Large tabular terminated pinkish to brown crystal with a smaller crystal attached, and minor calcite and galena.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen D: Single lustrous translucent pinkish crudely terminated crystal.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen E: Single tabular pinkish to brown crystals and crystal sections. Each approx  $1\frac{1}{2}$ " in size, £1.25p. each.
15. CALCITE. Levant Mine, Pendeen, Cornwall. Choice lustrous creamy to pale salmon-coloured rosettes of platy crystals thickly intergrown on quartz. This type of calcite was known by the old miners as Levant paper. Specimen A:  $4 \times 3 \times 1\frac{1}{2}$ ", £9.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
16. CALCITE. Levant Mine, Pendeen, Cornwall. Choice lustrous transparent to translucent nail-head crystals formed in pyramidal groups to  $\frac{1}{2}$ " in size and richly scattered all over pyramidal Quartz crystals with minute crystals of Pyrites. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £8.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.75p.
17. CALCITE. Bellgrove Mine, Strontian, Argyllshire, Scotland. Lustrous creamy-white transparent hexagonal crystals to  $\frac{1}{2}$ " in diameter intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £1.50p
18. CARMINITE. Benjamin Hill, Sonora, Mexico. Reddish micro crystals and rich crystalline masses on and in quartz and limonite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.75p
19. CASSITERITE. Seal Hole Mine, St. Agnes, Cornwall. Choice bright sharp deep brownish twinned crystals to 1 cm in size lining cavities in massive crystalline cassiterite on altered slate matrix. Fine old specimen.  $4 \times 3 \times 1\frac{1}{2}$ ", £38.00
20. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Rich heavy greyish metallic mass, with joints coated with small sparkling bright green ARACAMITE crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
21. CHALCOPYRITE. Castrovirreyna, near Lima, Peru. Bright golden sharp crystals to 9 mm in size scattered all over clear slender QUARTZ crystals to  $\frac{1}{2}$ " in length, together with a little crystallised Pyrites and Tetrahedrite.  $6 \times 3$ ", £28.00
22. CHROMITE. Selukwe, Rhodesia. Solid black slightly granular mass.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
23. CLINOCLASE. Wheal Gorland, St. Day, Cornwall. Rich deep blue crystalline masses and small sharp crystals on and in quartzose matrix with cavities lined with small lustrous OLIVENITE crystals. Very rich example of this mineral.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
24. COBALITE. Hakansbo, Västmanland, Sweden. Sharp silvery cubic crystal  $4 \times 4$  mm in size embedded in pyrrhotite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £9.00
25. COLEMANITE. Boron, California, U.S.A. Specimen A: Lustrous transparent colourless to creamy sharp crystals to  $\frac{1}{2}$ " in size scattered all over creamy to yellowish stalactitic crystal growths of Calcite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £12.00. Specimen B: Sharp lustrous creamy to colourless crystals to  $\frac{1}{2}$ " in size forming an intergrown mass.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen C: Cluster of sharp clear crystals to 1" in size,  $1\frac{1}{2} \times 1$ ", £4.75p. Specimen D: As specimen C, crystals to  $\frac{1}{4}$ " in size.  $1 \times 1$ ", £2.50p
26. COLUMBITE. Jos Plateau, Nigeria. Lustrous black crystal sections to 1" in size embedded in muscovite mica.  $3 \times 2$ ", £2.50p
27. CROCIDOLITE. Prieska, South Africa. Silky fibrous greyish-blue vein section.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £2.75p
28. CROCOITE. Beresovsk, Ekaterinburg, Russia. Very choice lustrous orangey sharp terminated crystals to 1 cm in size intergrown on a  $1\frac{1}{2} \times 1$ " area of matrix, with other smaller crystals and milky quartz covering the remainder. Fine old specimen, seldom seen from this location today.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £165.00



29. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Specimen A: Deep reddish well formed cubic crystals and crystal aggregates to 3 mm in size thickly lining cavities in a crystalline mass of cuprite and native copper.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £24.00. Specimen B: As specimen A,  $2 \times 1\frac{1}{2} \times 1$ ", £14.00
30. CUPROADAMITE. Tsumeb, Otavi, S.W. Africa. Specimen A: Sharp lustrous light green crystals to 5 mm in size forming an intergrown group with patches of minute yellow TSUMCORITE crystals.  $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$ ", £12.00. Specimen B: Lustrous light green sharp crystals to 4 mm in size scattered and intergrown on matrix.  $\frac{3}{4} \times \frac{1}{4} \times \frac{1}{4}$ ", £9.00
31. DANBURITE. Charcas, San Luis Potosi, Mexico. Sharp transparent lustrous colourless terminated crystals to  $\frac{1}{2}$ " in length thickly covering matrix with odd tarnished CHALCOPYRITE crystals in association.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
32. DUFTITE. Tsumeb, Otavi, S.W. Africa. Rich apple-green micro crystallised cellular crusts covering matrix with plates of caramel coloured WULFENITE.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £8.00
33. ECKERMANNITE. Norra Karr, Ostergotsland, Sweden. Rich greyish-green acicular crystals embedded in matrix. Specimen A:  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p. Specimen B:  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £2.75p
- ✓ 34. EMMONSITE. Mzna la Dambollita, Moctezuma, Sonora, Mexico. Specimen A: Pale green scales and minute crystals covering areas of matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen B: Pale green patches and micro crystals scattered on matrix.  $1\frac{1}{4} \times 1\frac{1}{2}$ ", £2.50p. Specimen C: As specimen B,  $1\frac{1}{2} \times 1 \times 1$ ", £1.50p
35. ENARGITE. Quiruvilca, Libertad Prov., Peru. Fine sharp lustrous silvery-grey terminated crystals to 1 cm in size free-growing and scattered over crystalline energite matrix with bright brassy pyritohedral PYRITES crystals to 1 cm in size.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £28.00
36. EUCRYPTITE. Bikita, Rhodesia. Solid lustrous creamy-white masses. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £5.75p. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen C:  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p. Specimen D:  $1\frac{1}{2} \times 1$ ", £0.80p
37. EUXENITE. Betafo region, Madagascar. Well formed group of tabular terminated crystals to  $\frac{1}{4}$ " in size with a tan-coloured alteration crust.  $1\frac{1}{2} \times 1$ ", £8.00
38. FERRIMOLYBDITE. Little Cottonwood Canyon, Utah, U.S.A. Rich light yellow scales and crusts on and in quartz with minor molybdenite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
39. FLUORITE. Heights Quarry, Weardale, Co. Durham. Choice transparent light greenish-purple cubic crystals to 1" in size covering matrix with odd small pyramidal quartz crystals. Superb fluorescence under U.V. light.  $5 \times 3\frac{1}{2}$ ", £16.00
40. FLUORITE. San Cristobal Mine, Huancavelica, Peru. Specimen A: Transparent colourless to pale green complex crystals showing parallel growth of their faces, forming an intergrown group with small bright brassy PYRITES crystals in association.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £4.75p. Specimen B: Groups of transparent very pale green complex crystals with minor crystallised pyrites in association. Each approx 1x1" in size, £2.50p each
41. GALENA. Smallclough Mine, Nenthead, Cumberland. Greyish sharp cubic crystals with modified corners, to  $\frac{1}{2}$ " in size, implanted on matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
42. GALENA. Casapalca, near Lima, Peru. Unusual very bright silvery-grey skeletal crystals to 1 cm in size intergrown on matrix with a little creamy crystallised Calcite and silvery-grey crystallised Tetrahedrite. A curious and interesting specimen.  $3\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £19.50p
43. GOETHITE. Botallack Mine, St. Just, Cornwall. Lustrous botryoidal and stalactitic mass thickly covering matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
44. GOETHITE. Jbel Sarhro, Morocco. Bright black needle crystals forming large divergent sprays in a quartz crystal lined geode.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £4.75p
45. NATIVE GOLD. Ashanti goldfield, Ghana. Golden flakes and small masses scattered in milky quartz.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
46. NATIVE GOLD. Mother lode, Darling Mine, El Dorado Co., California, U.S.A. Rich golden flakes scattered on and in partly iron-stained quartz. An old label is attached to the specimen.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £18.00



47. GRANDIDIERITE. Betroka, Madagascar. Choice lustrous bluish-green bladed crystals and crystal sections scattered in matrix or forming pure crystalline masses. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen C:  $2 \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen D: Pieces approx  $1\frac{1}{4} \times 1$ ", £2.00 each.
48. HEMIMORPHITE. Broken Hill, Zambia. Creamy coloured crystals and crystal tufts scattered on and amongst a mass of glassy reticulated CERUSSITE.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £6.50p
49. HOLLANDITE. Rambhapur, Jhabus State, India. Rich blackish crystalline masses in milky quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.75p
50. JAMESONITE. Treore Mine, St. Endellion, Cornwall. Choice bright silvery-grey fibrous mass showing unusual contortions, with minor quartz and arsenopyrite.  $3\frac{1}{2} \times 2\frac{1}{4}$ ", £9.00
51. JAMESONITE. Sombreretes, Zacatecas, Mexico. Bright silvery-grey bladed crystals to  $1\frac{1}{2}$ " in length intergrown on crystalline pyrites matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
52. JOAQUINITE. San Genito Co., California, U.S.A. Lustrous light brown crystal group  $3 \times 2$  mm in size, and odd smaller crystals, scattered on natrolite and altered serpentine matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £11.00
53. KYANITE. Pizzo Forno, Ticino, Switzerland. Specimen A: Choice lustrous transparent to translucent pale blue bladed crystals to  $1\frac{1}{4}$ " in length partly embedded in creamy schist matrix together with well formed lustrous brown STAUROLITE crystals to 1" in length. Fine display specimen.  $7 \times 5\frac{1}{2}$ ", £28.00. Specimen B: Lustrous light bluish transparent to translucent tabular crystals to 2" in length richly scattered on and in schist with odd small crystals and crystal sections of Staurolite.  $4\frac{1}{2} \times 3\frac{3}{4}$ ", £18.00.
54. LEIGHTONITE. Chuquicamata, Antofagasto, Chile. Very rich light green crystalline masses with a little matrix. Specimen A:  $3 \times 2 \times 1\frac{1}{4}$ ", £14.00. Specimen B: - showing some well formed crystals on the surface -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00. Specimen C:  $1 \times 1$ ", £2.50p
55. LEPIDOLITE. Tordal, Telemark, Norway. Lavender coloured bright platy crystal book on feldspar and quartz matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £3.75p
56. LINARITE. Roughtengill Mine, Caldbeck, Cumberland. Small bright blue crystals and crystal sections to 3 mm in size scattered in a  $\frac{1}{2}$ " cavity in matrix with a little platy crystallised Leadhillite.  $1\frac{1}{2} \times 1$ ", £4.75p
57. LINDGRENITE. Chuquicamata, Antofagasto, Chile. Rich olive-green platy crystal masses and scales scattered over areas of a light coloured matrix. Specimen A:  $3 \times 2$ ", £12.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00. Specimen C:  $2 \times 1\frac{1}{4}$ ", £4.75p. Specimen D,  $1\frac{1}{2} \times \frac{3}{4}$ ", £1.25p.
58. LUZONITE. Chinkashih, Taipei, Taiwan. Very rich heavy tarnished metallic masses with a little pyrites. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.00. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p. Specimen E:  $1 \times 1$ ", £1.25p
59. MAGNETITE. Palabora, South Africa. Large well formed blackish octahedral crystals to nearly 1" in size forming an intergrown group with well formed olive-coloured terminated hexagonal APATITE crystals to  $\frac{1}{2}$ " in size in association.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £12.00
60. MALACHITE. Bisbee, Arizona, U.S.A. Small sharp lustrous dark green crystals forming a cellular mass with a little cuprite and limonite.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £7.00
61. MALACHITE. Kilembe Mine, Uganda. Choice attractive bright green thick banded mass with a smooth botryoidal surface covering matrix. Nice display specimen.  $4 \times 3\frac{1}{2} \times 2$ ", £14.00
62. McGUINNESSITE. Red Mountain, Mendocino Co., California, U.S.A. Light bluish-green crystalline masses and crusts on matrix with minute colourless sparkling crystals of Vaughanite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
63. MINIMUM. Belmont Mts., Maricopa Co., Arizona, U.S.A. Exceptionally rich orangey-red masses on and in oxidised lead ore, together with quartz and limonite. Some specimens show areas of yellowish crystalline Mosaicot. Specimen A:  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00. Specimen B:  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ", £14.00. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00. Specimen D:  $1\frac{1}{2} \times 1$ ", £3.75p. Specimen E:  $1 \times \frac{3}{4}$ ", £1.25p



64. MOLYBDENITE. Carrock Mine, Caldbeck, Cumberland. Very rich greyish foliated plates on and in quartz/greisen matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
65. NICCOLITE. Talmatry Mine, near Newton Stewart, Kirkcudbrightshire, Scotland. Small bronzey masses in matrix with a little brassy chalcopyrite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £0.80p
66. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Small sharp sparkling olive-green crystals richly lining numerous cavities in cellular quartz.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £4.75p
67. DRPIMENT. Quiruvilca, Libertad Prov., Peru. Bright orangey sharp transparent to translucent crystals to  $\frac{1}{4}$ " in size thickly covering matrix.  $2\frac{1}{2} \times 2$ ", £14.25p
68. PERICLINE. Rauris, Salzburg, Austria. Sharp creamy-white tabular crystals to 1" in size intergrown on matrix.  $2\frac{1}{2} \times 2$ ", £7.00
69. POLIANITE. Fullbrook Mine, Ilfracombe, Devon. Sharp lustrous silvery-grey crystals to 4 mm in size scattered over botryoidal HOLLANDITE lining cavities in a brecciated matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £8.00. Specimen B:  $2 \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1 \times 1$ ", £3.25p
70. POLLUCITE. Bikita, Rhodesia. Creamy-white masses. Specimen A:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £1.75p. Specimen C:  $1\frac{1}{4} \times 1$ ", £1.25p
71. PSILOMELANE. Drygill Mine, Caldbeck, Cumberland. Greyish-black botryoidal masses thickly covering matrix, with lustrous orangey-brown well formed CAMPYRITE crystals to 4 mm in size scattered over the surface.  $4 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £12.00
72. PYRITES. Tincroft Mine, Illogan, Cornwall. Bright brassy sharp cubic crystals to  $\frac{1}{4}$ " in size intergrown all over a cellular quartz matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £9.00
73. PYRITES. Near Logrono, Spain. Very sharp bright brassy single cubic crystal.  $1 \times 1 \times 1$ ", £6.00
74. PYROLUSITE. Kutchoe Dhana, India. Small sharp sparkling silvery-grey crystals covering the surface of a mass of botryoidal manganese ore.  $2 \times 2 \times 1\frac{1}{2}$ ", £7.00
75. PYROMORPHITE. Burgam Mine, near Shelve, Shropshire. Very rich crusts of small sharp grass-green crystals thickly covering barytes and blackish manganese matrix. Showy and rich specimens for this location. Specimen A:  $3\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £12.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £7.00. Specimen C:  $1\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £3.75p
76. PYRRHOTITE. Empress Nickel Mine, Rhodesia. Tarnished bronzey coloured mass with minor matrix.  $2\frac{3}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p
77. QUARTZ. Parknoweth Mine, St. Just, Cornwall. Sharp transparent pyramidal crystals with a slight reddish tint due to inclusions of hematite, to  $\frac{1}{4}$ " in size, thickly covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
78. SMOKY QUARTZ. Old Hendra Pit, St. Debbis, Cornwall. Lustrous translucent smoky pyramidal crystals to  $\frac{1}{4}$ " in size intergrown on matrix.  $3\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
79. SMOKY QUARTZ. Mooralla, Victoria, Australia. Choice transparent lustrous sharp doubly-terminated single crystal.  $1\frac{1}{2} \times 1$ ", £2.50p
80. RASHLEIGHITE. Dunny Mine, St. Austell, Cornwall. Greenish cellular masses with minor quartzose matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.75p
81. ROSELITE. Bou Azzer, Jbel Sarhro, Morocco. Bright pinkish small sharp crystals to 2 mm in size covering the surface and lining cavities in matrix.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £9.00
82. NATIVE SELENIUM. Grants, New Mexico, U.S.A. Dark reddish-brown crusts on sandstone. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £7.00. Specimen B:  $2\frac{1}{4} \times 2$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.00
83. NATIVE SILVER. Freiberg, Saxony, Germany. Rich hackly masses and dendritic crystals protruding from and intergrown with calcite matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £38.00
84. NATIVE SILVER. Highland Bell, B.C., Canada. Small silvery masses intergrown with silvery-grey Argentite.  $1 \times \frac{1}{2}$ ", £3.50p
85. SPHALERITE. Naica, Chihuahua, Mexico. Lustrous black crystals to  $\frac{1}{4}$ " in size scattered on matrix with creamy rhombic calcite crystals to  $\frac{1}{4}$ " in size.  $2 \times 2 \times 1\frac{1}{4}$ ", £5.00
86. SPODUMENE. Mt. Marion, W. Australia. Pale creamy to greenish bladed crystalline masses to 2" in length associated with quartz and mica.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p



87. STIBICONITE replacing STIBNITE. Catorce, San Luis Potosi, Mexico. Specimen A: well formed tabular stibnite crystals, some showing terminations, to 1" in length, completely replaced by creamy-yellow Stibiconite, intergrown and scattered on matrix.  $4 \times 2\frac{1}{2} \times 2$ ", £16.00. Specimen B: Intergrown group of stibiconite replaced stibnite crystals to over 1" in length.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen C: As specimen B, with crystals to 1" in length.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen D: Part of a large tabular striated crystal with smaller crystals attached, all completely replaced by stibiconite.  $2\frac{1}{2} \times \frac{1}{4}$ ", £3.50p
88. STIBNITE. Poltrewoy Mine, St. Endellion, Cornwall. Very rich silvery-grey bladed mass with minor quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
89. STIBNITE with NATIVE GOLD. Murchison, Transvaal, S. Africa. Silvery-grey stibnite disseminated in quartz with odd flakes of Native Gold. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1$ ", £3.75p.
90. STILPNOMELANE. Brunsjogruven, Hallefors, Sweden. Pure blackish crystalline mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.00
91. TAKOITE. Kambalda, W. Australia. Rich greenish crusts and masses on and in matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.75p
92. TAVORITE. Tip Top Mine, Custer, S. Dakota, U.S.A. Light greenish masses with pinkish glassy Hureaulite, radiating dark blackish-green Rockbridgeite and a little Leucophosphite in matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £7.00
93. TELLURITE. Mina la Bambollita, Moctezuma, Sonora, Mexico. Rich yellowish crystalline masses on and in quartz. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen B:  $1\frac{3}{4} \times 1\frac{1}{2} \times 1$ ", £4.75p. Specimen C:  $1\frac{1}{4} \times 1$ ", £2.50p
94. TETRAHEDRITE. Casapalca, near Lima, Peru. Very choice bright silvery-grey sharp crystals to  $\frac{3}{4}$ " in size intergrown and scattered all over matrix with minor milky to colourless QUARTZ crystals to  $\frac{3}{4}$ " in length. Excellent specimen for museum display.  $6\frac{1}{2} \times 5\frac{1}{2} \times 2$ ", £115.00
95. TORBERNITE. Old Gunnislake Mine, Gunnislake, Cornwall. Bright green scales and crystal plates covering a 1" area of granite.  $2 \times 1\frac{1}{4}$ ", £4.75p
96. VALLERITE. Palabora, S. Africa. Rich bronzey platy crystalline masses with iridescently tarnished chalcopyrite.  $2 \times 2 \times 1\frac{1}{4}$ ", £8.00
97. VIVIANITE. Llallagua, Potosi, Bolivia. Select translucent lustrous deep bluish crystals and crystal sections to  $\frac{3}{4}$ " in length scattered and intergrown on pyritic matrix. Specimen A:  $3 \times 2\frac{1}{2}$ ", £24.00. Specimen B:  $3 \times 2$ ", £16.00. Specimen C:  $2 \times 1\frac{1}{4}$ ", £11.00
98. WAVELLITE. Hot Springs, Garland Co., Arkansas, U.S.A. Choice lime-green coloured hemispherical masses with crystallised surfaces and radiating masses to nearly  $\frac{3}{4}$ " in diameter, covering large areas on the surface and sides of a brecciated matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £10.00
99. WOLFRAMITE. Dolcoath Mine, Camborne, Cornwall. Pure bright black bladed cleavage mass.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p

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PORTSMOUTH GEM, MINERAL & CRAFT FAIR - 13, 14, 15 June, 1980.

We will be attending this show, which is being held at the Portsmouth Centre Hotel on 13th, 14th and 15th of June. Opening hours are 1 pm to 10 pm on Friday 13th, and 10 am to 6 pm on Saturday 14th and Sunday 15th. Our stand no's are 33 & 34, and we look forward to meeting you there if you are able to come. Apart from the large selection of attractive collectors specimens for sale on the stands, we shall have a few boxes of rare and unusual specimens for the avid specialist collectors, and these can be seen on request.

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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.

JULY 1980

1. ADAMITE. Mina Ojuela, Mapimi, Durango, Mexico. Select lustrous lime-green sharp crystals to  $\frac{1}{4}$ " in size intergrown and scattered on limonitic matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £15.00
2. APATITE. Panasqueira, Deira-Deixa, Portugal. Choice transparent sharp pale greenish hexagonal crystals to  $\frac{3}{4}$ " in diameter forming an intergrown group with a little arsenopyrite and muscovite mica.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £18.00
3. APATITE variety FRANCOLITE. Holmbush Mine, Stoke D'Auland, Cornwall. Specimen A: Small sparkling creamy to colourless crystals thickly lining large cavities in chalcedony matrix with crystallised Siderite on one side of the specimen.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p. Specimen B: Small creamy-white crystals lining numerous cavities in a cellular matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £3.50p
4. ARAGONITE variety FLOS-FERRI. Cabezon de la Sal, Santander, Spain. Creamy-white worm-like and tubose ramifying mass of nice shape for display.  $5\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £14.25p
5. ARSENOPYRITE. Castrovirreyna, near Lima, Peru. Sharp spiky terminated silvery crystals to 5 mm in size forming an intergrown cellular mass.  $1 \times 1$ " £3.50p
6. ARSENOPYRITE. New Rosewarne Mine, Gwinear, Cornwall. Sharp silvery crystals to  $\frac{1}{4}$ " in size intergrown on matrix with part of a  $\frac{1}{2}$ " sized Pyrite crystal.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £4.75p
7. ARTHURITE. Majuba Hill Mine, Churchill Co., Nevada, U.S.A. Lime-green crystallised masses scattered on matrix with odd patches of pale green Smashimire.  $2 \times 1$ ", £2
8. ATACAMITE. Mina la Farola, Copiapo, Chile. Specimen A: Bright green sharp crystals and crystal aggregates to 5 mm in size scattered all over bluish-green chrysocolla matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen B: Bright green crystals and crystal rosettes covering areas of matrix.  $2 \times 1\frac{1}{4}$ ", £6.00
9. AXINITE. Colebrook Mine, Rosebery, Tasmania, Australia. Lustrous clove-brown sharp crystals to  $\frac{1}{2}$ " in size lining cavities in a quartzose matrix with minor crystallised arsenopyrite and actinolite.  $3 \times 2 \times 1\frac{1}{2}$ ", £16.00
10. AZURITE. Chessy, Rhone, France. Deep blue sharp rhombic crystals to 8 mm in size intergrown on massive azurite matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
11. CAYDONITE. Penberthy Croft Mine, St. Hilary, Cornwall. Dark apple-green slightly botryoidal crust richly covering matrix.  $2 \times 2 \times 1$ ", £4.75p
12. NATIVE DISMUTH. Hingston Down, Calstock, Cornwall. Small silvery cleavages embedded in quartz on fine grained granite matrix.  $2 \times 1\frac{1}{2}$ ", £1.50p



13. ORANDITE. Franklin, New Jersey, U.S.A. Specimen A: Rich lustrous creamy-white slickensided mass on massive black Franklinite matrix.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £14.00. Specimen D: Creamy-white masses on and intergrown with black Franklinite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen C: As specimen D,  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen D: Creamy veinlets cutting black Franklinite.  $1\frac{1}{2} \times 1$ ", £3.00
14. DRAUNITE. Langban, Wermland, Sweden. Rich black masses with minor calcite. Specimen A  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £4.00. Specimen D:  $2 \times 1\frac{1}{4}$ ", £2.75p. Specimen C:  $1\frac{1}{4} \times 1$ ", £1.50p
15. CALAVERITE. Kirkland Lake Mine, Ontario, Canada. Bronzey metallic masses in matrix with minute specks of Native Gold.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
16. CALCITE. Tsumeb, Otavi, S.W. Africa. Very choice transparent sharp lustrous colourless to creamy rhombic crystals to  $\frac{1}{2}$ " in size forming an intergrown group. Good display specimen.  $5\frac{1}{2} \times 3 \times 2$ ", £48.00
17. CASSITERITE. Lady Gwendoline Mine, Germoe, Cornwall. Lustrous dark brownish-black crystals to 4 mm in size scattered over matrix. An old Sir William Sarjeant label is attached to the specimen.  $4 \times 4$ ", £6.00
18. CASSITERITE. St. Day United Mine, Guenap, Cornwall. Lustrous dark brownish crystals and crystal sections to  $\frac{1}{4}$ " in size embedded in matrix, with minor wolframite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.75p
19. CASSITERITE variety Stream Tin. Porkellis Moor, Wendron, Cornwall. Dark brown rounded alluvial pebble.  $1\frac{1}{4} \times 1$ ", £2.50p
20. CASSITERITE. Araca district, Dolivia. Golden-brown partly transparent sections of large striated crystals that have been partly worn in an alluvial deposit. Pieces approx  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p each.
21. CAVANSITE. Owyhee Dam, Malheur Co., Oregon, U.S.A. Pale blue crystalline patches on matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.75p
22. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Sharp lustrous creamy-white mostly transparent sixling twinned crystal.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
23. CERUSSITE. Mibladen, Atlas Mts., Morocco. Choice lustrous sharp transparent colourless twinned crystals to over  $\frac{1}{2}$ " in size scattered all over matrix with pinkish coxcomb Barytes crystals. Nice specimen for display.  $4\frac{1}{2} \times 3 \times 3$ ", £38.00
24. CHALCOCITE. Botallack Mine, St. Just, Cornwall. Sharp bright silvery-grey crystals to 4 mm in size scattered in cavities on one end of massive grey chalcocite matrix.  $3 \times 2\frac{1}{2} \times 2$ ", £23.00
25. CHALCOPYRITE. Spearn Moor Mine, St. Just, Cornwall. Solid brassy mass with a slight iridescent tarnish in places.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p
26. CHILDRENITE. Prince of Wales Mine, Calstock, Cornwall. Crusts of small golden-brown sharp sparkling crystals covering large areas of matrix. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £7.00. Specimen D:  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
27. CLINOCLASE. Majuba Hill Mine, Churchill Co., Nevada, U.S.A. Lustrous deep blue well formed crystals to 3 mm in size encrusting matrix.  $1\frac{1}{4} \times \frac{1}{4}$ ", £3.75p
28. CLINOHEDRITE. Franklin, New Jersey, U.S.A. Dull creamy masses with calcite, willemite, hardystonite and franklinite in yellowy-brown Polyadelphite matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.00
29. CODALITE. Schneeberg, Saxony, Germany. Silvery cubic crystal sections to 3 mm in size richly embedded in a dark quartzose matrix with minor crusts of erythrite, and small patches of native bismuth.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
30. CONICALCHALCITE. Mina Ojuela, Mapimi, Durango, Mexico. Small sharp sparkling apple-green crystals covering cellular limonitic matrix with odd creamy Calcite crystals.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £7.00
31. NATIVE COPPER. 660 metre level, Mufulira Mine, Zambia. Choice spiky crystals to over  $\frac{1}{2}$ " in length and wiry masses richly protruding from a creamy-white selenite matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £15.50p
32. COSALITE. Cariboo Gold Mine, Wells, B.C., Canada. Silvery-grey fibrous masses in milky quartz with pyrites. Specimen A:  $1\frac{1}{4} \times 1$ ", £2.50p. Specimen D:  $1 \times \frac{1}{4}$ ", £1.50p



33. CRONSTEDTITE. Wheal Jane, Ken, Cornwall. Small sharp blackish crystals encrusting quartz and botryoidal masses of limonite, with a later partial encrustation of minute golden-brown micro crystals of Cacoxenite.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00
34. CUPRITE. Marke Valley Mine, Linkinhorne, Cornwall. Very rich dark reddish well formed octahedral crystals to 3 mm in size forming an intergrown cellular mass with minor NATIVE COPPER and fragments of milky quartz.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £38.00
35. CUPRITE. Wheal Gorland, St. Day, Cornwall. Lustrous deep reddish octahedral crystals to 3 mm in size scattered and intergrown on a cellular crystalline mass of NATIVE COPPER.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
36. DJURLEITE. Dome Rock Mts., Yuma Co., Arizona, U.S.A. Very rich greyish metallic masses with minor quartz and malachite. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen B:  $2 \times 1 \times 1$ ", £3.50p. Specimen C:  $1 \times 1$ ", £1.00
37. DOLOMITE. Abbeytown Mine, Co. Sligo, Ireland. Choice lustrous creamy coloured large sharp curved saddle-shaped rhombic crystals to  $\frac{3}{4}$ " in size encrusting limestone matrix with odd small quartz and pyrites crystals. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00. Specimen B:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen C:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £4.75p. Specimen D:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00. Specimen E:  $1\frac{1}{2} \times 1$ ", £1.25p
38. DUNDASITE. Kapi Mine, Dundas, Tasmania, Australia. Specimen A: Silky creamy-white crystallised crust covering limonitic matrix with odd minute crystals of Crocoite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00. Specimen B: Creamy-white thin crystallised crusts on limonitic matrix with small sparkling crystals of chrome-cerussite.  $1\frac{1}{2} \times 1$ ", £2.75p
39. DYSCRASITE. St. Andreasberg, Harz, Germany. Very rich dark silvery-grey crystalline masses in calcite matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £38.00
40. EMOOLITE. Broken Hill, N.S. Wales, Australia. Rich greenish to grey masses with limonitic matrix, with small well formed crystals in cavities.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
41. EUCOLITE. Langesundsfjorden, Norway. Rich resinous brown mass with minor feldspar, Aegirine, Fluorite and Natrolite.  $1\frac{1}{2} \times 1 \times 1$ ", £1.50p
42. EUXENITE. Unneland, Evje, Norway. Rich resinous black masses in feldspar and quartz matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00
43. FLUORITE. San Cristobal Mine, Huancavelica, Peru. Unusual translucent violet coloured sharp dodecahedral crystals to  $\frac{1}{4}$ " in size richly scattered all over creamy Calcite crystals covering a sphalerite-rich matrix. The fluorite crystals are a most unusual shape, a form that I have not hitherto observed.  $6 \times 4\frac{1}{2} \times 1\frac{1}{2}$ ", £28.00
44. FLUORITE. Heights Mine, Weardale, Co. Durham. Sharp bright green transparent interpenetrant twinned cubic crystals to 1" in size scattered and intergrown on matrix with odd creamy calcite crystals. Nice display specimen.  $3 \times 3 \times 2\frac{1}{2}$ ", £38.00
45. FRIEDELITE. Ogdenburg, New Jersey, U.S.A. Specimen A: Rich light reddish lustrous vein  $\frac{1}{2}$ " in width on top of calcite/franklinite/willemitite matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen B: Pale brownish veinlets and small crystals on and in calcite/franklinite matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen C: As specimen A,  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
46. NATIVE GOLD. Northern Terr., Australia. Small golden threads and specks scattered in black magnetite matrix with patches of chalcopyrite. Specimen A:  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.00. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p
47. NATIVE GOLD. Kerr Addison Mines, Ontario, Canada. Rich golden masses scattered in resinous quartzose matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £18.00
48. GROSSULAR GARNET variety HESSONITE. Val d'Ale, Piedmont, Italy. Bright transparent orange-red sharp crystals to 3 mm in size richly covering matrix with dark greenish crystallised Clinocllore.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £16.00
49. HEMATITE. Rio Marina, Elba, Italy. Bright black sharp crystals to  $\frac{1}{4}$ " in size forming an intergrown group.  $2 \times 1\frac{1}{2} \times 1$ ", £14.00
50. HUEONERITE. Paste Quena, Peru. Lustrous blackish spray of tabular terminated crystals to  $\frac{1}{2}$ " in length with small quartz crystals and greyish botryoidal masses of Native Arsenic covering one side.  $2\frac{1}{2} \times 2 \times \frac{3}{4}$ ", £14.00
51. HUTCHINSONITE. Quiruvilca, Libertad Dept., Peru. Bright deep reddish-black sharp terminated crystals to  $\frac{1}{4}$ " in length scattered amongst sharp lustrous orangey ORPIMENT crystals to  $\frac{1}{2}$ " in size covering matrix.  $3\frac{1}{2} \times 2\frac{1}{4}$ ", £35.00



52. JAROSITE. Laurion, Attica district, Greece. Sharp lustrous light brown crystals to 3 mm in size richly lining large cavities in limonite/massive jarosite matrix with minor golden Natrojarosite in places.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £23.00
53. JEREMEJEVITE. Mile 72 Mine, near Swakopmund, S.W. Africa. Small lustrous bluish to colourless crystal sections to 5 mm in size embedded in pegmatite matrix. Specimen are priced for the amount of jeremejevite showing. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1$ ", £8.00. Specimen C:  $2 \times 1\frac{3}{4} \times 1$ ", £6.00. Specimen D:  $1 \times 1 \times 1$ ", £4.75p. Specimen E:  $1 \times \frac{3}{4}$ ", £3.50p
54. KLEINITE. McDermitt Mine, Humboldt Co., Nevada, U.S.A. Specimen A: Bright yellow small sharp crystals richly covering large areas of a slightly cellular quartzose matrix.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £28.00. Specimen B: Small sharp bright yellow crystals covering areas of a brecciated quartz matrix.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £18.00. Specimen C: Small sharp bright yellow crystals scattered on small areas and lining small cavities in cellular quartzose matrix.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £14.00. Specimen D: Bright yellow crystalline patch with a few sharp crystals  $1 \times \frac{3}{4}$ " in size on quartzose matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £8.00. Specimen E: Light yellow crystalline masses and small crystals on and in quartzose matrix.  $2 \times 1 \times 1$ ", £5.00. Specimen F: As specimen E,  $1\frac{1}{4} \times 1$ ", £2.75p
55. LANGITE. Allihies Mine, Co. Cork, Ireland. Bright sky-blue small sharp crystals richly covering a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area of matrix.  $2\frac{1}{2} \times 2$ ", £12.00
56. LEGRANDITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A: Lustrous yellow sharp terminated crystals to 5 mm in length scattered in a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in limonitic matrix.  $2\frac{1}{2} \times 2 \times 1$ ", £12.25p. Specimen B: Bright yellowish sharp terminated crystals to 5 mm in length scattered in cavities in matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00
57. MASSICOT. Belmont Mts., Maricopa Co., Arizona, U.S.A. Rich yellowish crystalline patches on gossany matrix. Specimen A:  $1\frac{1}{2} \times 1 \times 1$ ", £9.00. Specimen B:  $1 \times 1$ ", £6.00
58. METACINNOBAR. Socrates Mine, California, U.S.A. Small sharp blackish crystals scattered over quartzose matrix with minor pyrites. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00. Specimen B:  $2 \times 2 \times 1\frac{1}{2}$ ", £7.00 - larger crystals than specimen A.
59. MILLERITE. Lewis Merthyr Colliery, Rhondda Valley, Mid Glamorgan. Bright brassy divergent spray of needle crystals 15 mm in size implanted on ironstone matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
60. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous pale yellowish elongated crystals to  $\frac{1}{2}$ " in length richly encrusting matrix, with small patches of yellowish micro crystallised TSUMCORITE on the reverse side.  $5 \times 2 \times 1\frac{1}{2}$ ", £48.00
61. MOTTRAMITE. Broken Hill, Zambia. Sharp lustrous brownish crystals and crystal rosettes to 5 mm in size lining cavities in matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £6.00
62. NEPTUNITE. Gem Mine, San Benito Co., California, U.S.A. Choice lustrous blackish sharp terminated crystals to  $\frac{1}{4}$ " in length scattered over and partly embedded in natrolite and serpentine matrix.  $3 \times 1\frac{1}{4}$ ", £46.50p
63. OLIVENITE. Wheal Unity, Gwennap, Cornwall. Fine silky olive green needle crystals thickly lining large cavities in quartzose matrix. Choice old specimen.  $4\frac{1}{2} \times 3\frac{1}{4} \times 2\frac{1}{4}$ ", £68.00.
64. OPAL. Lightning Ridge, Queensland, Australia. Specimen A: Fine transparent opalescent mass showing a good play of colours in areas, covering matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £24.00. Specimen B: Rich veinlets and masses on and in matrix,  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00. Specimen C: As specimen A,  $2 \times 1\frac{1}{4} \times 1$ ", £6.00. Specimen D: As specimen A,  $2 \times 1\frac{1}{4}$ ", £4.00.
65. PARATACAMITE. Levant Mine, Pendeen, Cornwall. Small dark green sharp sparkling crystals covering large areas of matrix.  $2\frac{1}{4} \times 2 \times 1$ ", £10.00
66. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Small sharp bright green cubic crystals very richly lining cavities in matrix.  $1\frac{1}{2} \times 1$ ", £7.00
67. PHARMACOSIDERITE. Wheal Pendarves, Camborne, Cornwall. Small sharp bright green cubic crystals lining cavities in matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £5.75p
68. PIEMONTE. St. Marcel, Piedmont, Italy. Rich reddish-brown crystalline masses with minor matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p



69. PLATTNERITE. Mina Ojuela, Mapimi, Durango, Mexico. Sharp blackish elongated crystals to 3 mm in length scattered on and amongst calcite and hemimorphite crystals covering limonitic matrix.  $2 \times 1\frac{1}{4}$ ", £4.75p
70. POSNJAKITE. Drakewalls Mine, Gunnislake, Cornwall. Light blue minute crystals and crusts covering matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
71. PREHNITE. Habachtal, Salzburg, Austria. Lustrous sharp transparent colourless to pale greenish crystals and crystal rosettes to 4 mm in size encrusting areas of creamy-white well formed ADULARIA crystals to  $\frac{1}{2}$ " in size, with a little Chlorite, on gneiss matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
72. PREHNITE, Dean Qry., Lizard, Cornwall. Pale greenish well crystallised masses thickly lining a  $1\frac{1}{2} \times 1$ " cavity in matrix with a little crystallised Calcite and a later partial frosting of minute Stilbite crystals.  $2\frac{3}{4} \times 2 \times 1$ ", £4.75p
73. PYRITES. Tincroft Mine, Illogan, Cornwall. Sharp bright brassy cubic crystals to over  $\frac{1}{2}$ " in size forming an attractive intergrown group with minor quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
74. PYRITES. Mina San Cristobel, Huancavelica, Peru. Specimen A: Very bright brassy sharp highly modified octahedral crystals to  $\frac{1}{4}$ " in size intergrown on matrix.  $\frac{3}{4} \times 2\frac{1}{4}$ ", £11.00. Specimen B: Bright brassy sharp pyritohedral crystals to  $\frac{1}{4}$ " in size intergrown on matrix.  $2\frac{1}{2} \times 2$ ", £8.00. Specimen C: Intergrown group of bright brassy sharp pyritohedral crystals to over  $\frac{1}{2}$ " in size.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
75. BYROMORPHITE. Redgill Mine, Caldbeck Fells, Cumberland. Small light green crystals richly encrusting quartz crystals covering matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £2.50p
76. PYROMORPHITE. Black Star opencut, Mt. Isa, Queensland, Australia. Lustrous light yellowish-green sharp hexagonal crystals to  $\frac{1}{4}$ " in size scattered on matrix.  $2 \times 2$ " £9.00
77. PYROPHYLLITE. Vastana Mine, Wermland, Sweden. Rich creamy coloured foliated crystalline mass.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
78. PYRRHOTITE replaced by PYRITES. Castrovirreyna, near Lima, Peru. Sharp hexagonal pyrrhotite crystals to  $\frac{3}{8}$ " in diameter forming an intergrown group, completely replaced by Pyrites.  $1\frac{3}{4} \times 1\frac{1}{4} \times 1$ ", £10.00
79. QUARTZ. Cliff Qry., Tintagel, Cornwall. Fine transparent sharp terminated crystal with a smaller one in parallel growth, and with inclusions of dark greenish chlorite on one side. 3" long by  $1 \times 1$ " across the axis. £18.00
80. RASPITE. Cordillera Mine, N.S. Wales, Australia. Small sharp sparkling crystals scattered over matrix with minor amounts of light greenish Cuproscheelite, and crystals of Stolzite. Specimens are priced for the richness of the minerals present rather than size. Specimen A: - very rich in raspite & stolzite,  $1\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £16.00. Specimen B:  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen C:  $1\frac{3}{4} \times 1 \times 1$ ", £7.00. Specimen D:  $1 \times 1$ ", £4.75p
81. RHODONITE. Milton Abbot, Devonshire. Very fine bright rose-pink cut and polished slices with a lovely variegated pattern. All are nice specimens for display. Specimen A:  $6\frac{1}{2} \times 4\frac{1}{2}$ ", £14.00. Specimen B:  $5 \times 3$ ", £9.00. Specimen C:  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £4.75p
82. RUBY CORUNDUM. Mysore, India. Raspberry-red crystal sections to 8 mm in size embedded in gneiss.  $1\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £3.75p
83. RUTILE. Creag-na-Caillich, Killin, Perthshire, Scotland. Reddish-brown bladed crystalline masses embedded in milky quartz.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £3.50p
84. SCHEELITE. Gwelo district, Rhodesia. Rich resinous orangey-brown mass with matrix.  $2\frac{1}{4} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £3.50p
85. NATIVE SILVER. Copiapo, Atacama desert, Chile. Rich tarnished hackly masses shot through quartzose matrix.  $1\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ", £14.00
86. SPESSARTITE GARNET. Near Ruth, Nevada, U.S.A. Bright blackish sharp crystal 1 cm in size implanted on matrix.  $1 \times 1$ ", £1.50p
87. SPHALERITE. Trepca, Yugoslavia. Specimen A: Bright black well formed crystals to  $1\frac{1}{8}$ " in size forming an intergrown group, with lustrous light pinkish saddle-shaped RHODOCHROSITE crystals to 5 mm in size partly encrusting them, together with odd crystals of calcite and arsenopyrite.  $3\frac{3}{4} \times 3\frac{3}{4}$ ", £28.00. Specimen B: Bright black sharp crystals to  $\frac{1}{8}$ " in size intergrown together and with odd sharp creamy CALCITE crystals to  $\frac{1}{2}$ " in size scattered on them.  $3\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00



88. SPHALERITE. Wheal Jane, Kea, Cornwall. Bright black well formed crystals to  $\frac{1}{2}$ " in size intergrown and scattered on matrix with odd slender milky Quartz crystals to  $\frac{3}{4}$ " in length, and small brassy Pyrites crystals.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £9.00
89. STIBNITE with NATIVE GOLD. Murchison, Transvaal, S. Africa. Greyish masses of stibnite with quartz and odd small masses of Native Gold. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1$ ", £3.75p
90. STILOITE. Trummory, White Mountain, Co. Antrim, N. Ireland. Lustrous creamy-white sharp bladed crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £3.50p
- ✓ 91. STOLZITE. Cordillera Mine, N.S. Wales, Australia. Sharp lustrous pale yellowish to creamy crystals to 3 mm in size scattered over limonitic quartz matrix. Specimen A: - very rich in stolzite -  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00. Specimen C:  $1\frac{1}{2} \times 1$ ", £4.75p
92. TENNANTITE. Levant Mine, Pendeen, Cornwall. Specimen A: Minute sparkling silvery-grey crystals richly covering matrix with well formed purply tarnished altered CHALCOCITE crystals to 1 cm in size.  $3\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £16.00. Specimen B: Minute silvery-grey sparkling crystals richly covering large areas of matrix with odd small altered Chalcocite crystals.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1$ ", £10.00. Specimen C: Minute silvery-grey sparkling crystals covering large areas of matrix.  $2 \times 1\frac{1}{2}$ ", £6.00
93. TETRAHEDRITE. Kapnik, Rumania. Sharp bright silvery-grey crystals to 7 mm in size intergrown and scattered on matrix with quartz and pyrites crystals.  $1\frac{3}{4} \times 1$ ", £6.50p
94. TOURMALINE variety DRAVITE. Yinnietharra, W. Australia. Large lustrous dark brown doubly terminated crystal.  $3 \times 2\frac{3}{4} \times 2\frac{3}{4}$ ", £9.00
95. VANADINITE. Mibladen, Atlas Mts., Morocco. Bright red sharp hexagonal crystals to 4 mm in size richly covering matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £10.00
96. WARDITE. Rapid Creek, Yukon, Canada. Sharp lustrous creamy-white crystals to 5 mm in size richly scattered over matrix. Specimen A:  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £26.00. Specimen B:  $2 \times 1\frac{1}{4}$ ", £18.00. Specimen C:  $1\frac{1}{4} \times 1 \times 1$ ", £10.00
97. WAVELLITE. Fort Lisheenagh, Co. Limerick, Ireland. Creamy-white fibrous veinlets exhibiting a silky botryoidal surface in cavities, cementing a brecciated quartz matrix. Specimen A:  $2 \times 2 \times 1\frac{3}{4}$ ", £3.75p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.00
98. WILLEMITE. Franklin, New Jersey, U.S.A. Very rich light greenish mass with calcite and a little franklinite. Bright green and red fluorescence under U.V.  $3 \times 2\frac{3}{4} \times 2\frac{1}{2}$ ", £7.00
99. WOLFRAMITE. Cligga Mine, Perranzabuloe, Cornwall. Very rich bright black bladed mass with patches of pale green crystalline scorodite.  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £6.00
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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 specimens(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 1980

1. ALMANDINE GARNET. Fort Wrangell, Stikine River, Alaska. Sharp lustrous well formed deep reddish crystal 1x1" in size implanted on schist matrix.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £14.00
2. ALSTONITE. Fallowfield Mine, Hexham, Northumberland. Specimen A: Sharp creamy-white crystals to 5 mm in size intergrown and scattered over a 2x2" area of matrix with a little Calcite.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £16.00. Specimen B: Sharp transparent colourless crystals to 4 mm in size lining cavities in witherite/calcite matrix.  $2\frac{1}{2} \times 2$ ", £14.00. Specimen C: Sharp creamy-white crystals to 5 mm in size lining a 1" cavity in crystalline alstonite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen D: Sharp colourless to creamy-white crystals to 4 mm in size lining a 1" cavity in matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £5.00. Specimen E: Sharp creamy-white to greyish crystals to  $\frac{1}{4}$ " in size lining a  $\frac{1}{4}$ " cavity on one end of matrix. 1x1", £3.50p
3. ANDRADITE GARNET. Delstone Consols Mine, Sticklepath, Devon. Lustrous sharp olive coloured crystals to 7 mm in size intergrown on matrix.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £4.75p
4. ANGESITE. Monteponi, Sardinia. Specimen A: Sharp lustrous glassy crystals to 1 cm in size scattered on and lining cavities in massive galena matrix.  $2\frac{1}{2} \times 2 \times 2$ ", £18.00. Specimen B: Sharp glassy spear-like crystals to  $\frac{1}{2}$ " in length lining cavities to 1" in size in galena matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £13.50p
5. ARSENOPYRITE. Hingston Down, Calstock, Cornwall. Sharp bright silvery crystals to 5 mm in size lining cavities in massive arsenopyrite with odd blades of Wolframite.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.50p
6. ARSENOPYRITE. Chalkidiki, Kassandra, Greece. Sharp bright silvery crystals to 1 cm in size intergrown and scattered all over matrix with a little quartz.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00
7. ASCHARITE. Grosse Mine, Piedmont, Italy. Creamy-white silky radiating mass with minor blackish LUDWIGITE.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
8. BARYTES. Mowbray Mine, Frizington, Cumberland. Sharp clear slightly reddish-brown terminated crystals to 1" in length perched on a creamy crystallised Dolomite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
9. DEUDANTITE. Tsumeb, Otavi, S.W. Africa. Minute dark olive coloured sparkling crystals richly lining cavities in a cellular matrix. Specimen A:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £4.75p
10. BORNITE. East Pool Mine, Illogan, Cornwall. Very rich purply tarnished mass associated with a little golden chalcocopyrite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
11. DOTALLACKITE. Levant Mine, Pendeen, Cornwall. Small bright green well formed crystals scattered over quartz/hematite vein stuff. Specimen A:  $2\frac{1}{2} \times 2$ ", £5.00. Specimen B:  $1\frac{1}{2} \times 1$ ", £3.50p



12. CALCITE. Cammock Eals Mine, Weardale, Co. Durham. Lustrous creamy-white platy hexagonal crystals to  $\frac{1}{4}$ " in diameter intergrown and scattered over crystallised Quartz matrix, with bright milky Quartz crystals to  $\frac{1}{4}$ " in size covering the reverse side.  $4 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £6.00
13. CALCITE. Santa Domingg, Chihuahua, Mexico. Lustrous translucent creamy to orangey-brown crystals to  $\frac{3}{4}$ " in size encrusting a large corroded scalenohedral calcite crystal.  $4 \times 2\frac{1}{2} \times 1\frac{3}{4}$ ", £7.25p
14. CASSITERITE. Wheal Vottle, St. Agnes, Cornwall. Bright brownish-black sharp crystals to 5 mm in size scattered over crystalline cassiterite and milky quartz matrix.  $3\frac{3}{4} \times 2 \times 1\frac{1}{2}$ ", £9.00
15. CASSITERITE. St. Michaels Mount, Marazion, Cornwall. Bright black sharp twinned crystals to 9 mm in size lining a 1" cavity in quartz.  $2 \times 1 \times 1$ ", £4.75p
16. CASSITERITE variety WOOD TIN. Penhalls Mine, St. Agnes, Cornwall. Light and dark brown parallel bands traversing quartz/chlorite veinstuff. The specimen has been cut and polished on two faces to show the wood-tin to best advantage; very rich example of this variety.  $3 \times 2\frac{1}{2} \times 2$ ", £24.00
17. CASSITERITE. Wheal Owles, St. Just, Cornwall. A quantity of reddish-brown granules in an old glass bottle,  $3" \times 1\frac{1}{4}"$ , £4.75p
18. CASSITERITE Variety STREAM TIN. Jemaluand district, Malaya. Rounded pebbles of white to reddish-brown cassiterite, some showing interesting colour variations. 8 oz bags, £2.50p each.
19. CASSITERITE variety Stream Tin. Pentewan, St. Austell, Cornwall. Small pebbles and granules in a plastic box.  $2\frac{1}{2} \times 2\frac{1}{2}"$ , £3.50p
20. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Lustrous glassy slightly smoky coloured group of well formed crystals with clusters of colourless WILLEMITE crystals to 5 mm in diameter scattered over the surface.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £12.00
- ✓ 21. CHALCOALUMITE. Grandview Mine, Grand Canyon, Arizona, U.S.A. Specimen A: Light sky-blue botryoidal crystalline crusts covering limonitic matrix.  $2 \times 1\frac{1}{2}"$ , £3.00. Specimen D: Bright sky-blue botryoidal crystalline mass lining a  $\frac{1}{2}"$  cavity in limonitic matrix.  $1\frac{1}{2} \times 1"$ , £2.00
22. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Rich bright metallic grey mass with a little reddish hematite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1"$ , £1.50p
23. CHALCOCITE. Cooks Kitchen Mine, Camborne, Cornwall. Bright silvery-grey sharp crystals to 5 mm in size scattered on a slightly cellular chalcocite/hematite matrix.  $3 \times 2\frac{1}{2}"$ , £24.00
24. CHALCOPYRITE. Casapalca, near Lima, Peru. Bright sharp golden twinned crystals to 9 mm in size scattered all over a quartz/pyrites matrix, with sharp lustrous black SPHALERITE crystals to 1 cm in size, and slender Quartz crystals to over  $\frac{1}{2}"$  in length. Attractive specimen for display.  $3\frac{1}{4} \times 3 \times 2\frac{1}{2}"$ , £25.00
25. CHRYSOCOLLA. Kolwezi, Katanga, Zaire. Lustrous dark green vitreous mass with conchoidal fracture, with minor brownish-black Tenorite.  $2\frac{3}{4} \times 2 \times 1\frac{1}{2}"$ , £4.75p
26. COBALITE. Skutterud, Norway. Sharp bright silvery cubic crystals and crystal sections to 4 mm in size scattered in matrix.  $2 \times 1\frac{1}{2}"$ , £8.00
27. COLLINSITE. Francois Lake, B.C., Canada. Light to dark brown well banded mass.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}"$ , £3.50p
28. CONICHALCITE. Laurion, Attica District, Greece. Dark greenish botryoidal crystalline mass covering matrix with much bright blue crystallised AZURITE and small tufts of Olivenite crystals.  $2\frac{1}{4} \times 2"$ , £7.00
29. NATIVE COPPER. Keweenaw Peninsular, Michigan, U.S.A. Heavy bright metallic hackly mass showing a crystalline structure in places, with a little matrix.  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}"$ , £4.75p
30. NATIVE COPPER. Crowns Mine, Botallack, St. Just, Cornwall. Dendritic ramifying crystalline masses on ardin brecciated jasper/quartz matrix.  $2\frac{3}{4} \times 2 \times 1\frac{1}{2}"$ , £7.00



31. CREEDITE. Colquiri, Napoy, Bolivia. Colourless to creamy sharp terminated crystals to 5 mm in size, lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
- ✓ 32. CUPRITE. Tsumeb, Otavi, S.W. Africa. Choice bright deep red sharp crystals to over  $\frac{1}{4}$ " in size scattered on minute sparkling creamy calcite crystals lining large cavities in cuprite/hematite matrix. Very fine specimen.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £34.00
33. CUPRITE. Wheal Basset, Illogan, Cornwall. Rich cellular crystalline mass with minor native copper and fragments of quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £4.75p
34. CUPRITE. Goonhilly Down, Lizard, Cornwall. Rich dark reddish mass with a little dark greenish Chrysocolla.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p
35. DANOURITE. Charcas, San Luis Potosi, Mexico. Fine sharp elongated terminated creamy to glassy crystals to 1" in length completely covering a sphalerite matrix. Nice display specimen.  $4\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £26.50p
36. DATOLITE. Cerezola, Emilia, Italy. Bright sharp colourless transparent crystals to  $\frac{1}{2}$ " in size covering matrix.  $3\frac{1}{2} \times 3$ ", £14.00
37. DIGENITE. San Benito Co., California, U.S.A. Specimen A: Sharp dull grey crystal 2 mm in size implanted on natrolite/serpentine matrix.  $2 \times 1\frac{1}{4}$ ", £3.75p. Specimen B: Dark grey crystal sections to 2 mm in size implanted on natrolite/serpentine matrix.  $1\frac{1}{2} \times 1$ ", £1.50p
38. DIOPHASE. Mindouli, Niari River, Congo. Bright emerald-green sharp crystals to 8 mm in size thickly lining a  $1\frac{1}{2} \times 1$ " cavity in crystalline diopase.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £14.25p
39. DUFTITE. Tsumeb, Otavi, S.W. Africa. Rich apple-green crystalline crusts with plates of creamy to yellowish Wulfenite, covering a cellular matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
40. FASSAITE. Crosso Mine, Piedmont, Italy. Lustrous olive-green sharp crystals to  $\frac{1}{4}$ " in size scattered on and lining cavities in crystalline fassite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
41. FLUORITE. Naica, Chihuahua, Mexico. Transparent pale lavender coloured highly modified crystals to  $\frac{1}{2}$ " in size intergrown and scattered on matrix with creamy crystallised calcite.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ", £8.00
42. GADOLINITE. Ytterby, near Stockholm, Sweden. Very rich lustrous black masses. Specimen A:  $3 \times 2 \times 1\frac{1}{2}$ ", £7.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p
43. FLUORITE. Heights Quarry, Weardale, Co. Durham. Choice transparent pale purplish cubic crystals to nearly 1" in size intergrown on matrix. Brilliant fluorescence under U.V., very good specimen for display.  $6 \times 5 \times 2\frac{1}{2}$ ", £26.00
44. GALENA. Silvermines, Co. Tipperary, Ireland. Specimen A: Very bright silvery-grey cube-octahedral crystals to over  $\frac{1}{2}$ " in size intergrown and scattered on a pyrites matrix with areas of creamy crystallised Dolomite and odd transparent gemmy golden-brown Sphalerite crystals. Fine display specimen.  $5\frac{1}{2} \times 4 \times 3$ ", £48.00. Specimen B: Very bright silvery-grey sharp cube-octahedral crystals to 1" in size intergrown on pyrites matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £23.00. Specimen C: As specimen B, with crystals to over  $\frac{1}{4}$ " in size.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £18.00. Specimen D: Bright silvery-grey sharp twinned cube-octahedral crystals to  $\frac{3}{4}$ " in size intergrown on pyrites matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen E: Bright silvery-grey sharp twinned crystals to over  $\frac{3}{4}$ " in size intergrown on matrix with a little creamy crystallised dolomite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
45. GALENA. Clausthal, Harz, Germany. Silvery-grey modified cube-octahedral crystals to  $\frac{1}{2}$ " in size scattered on matrix with much creamy crystallised dolomite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
46. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Bright blackish sharp rod-like crystals to 7 mm in length lining cavities in quartz/hematite matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £7.00
47. HEMATITE. Rio Marina, Elba, Italy. Bright blackish sharp crystals to 1" in size forming an intergrown mass.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.25p
48. IDOCRASE. Lake Jaco, Chihuahua, Mexico. Lustrous yellowish-brown sharp terminated composite crystal.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.00
49. JAMESONITE. Sombrerete, Zacatecas, Mexico. Very rich silvery-grey columnar crystals forming intergrown masses with a little pyrites, and with some free-growing crystals in cavities. Specimen A:  $3 \times 3 \times 2$ ", £14.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p



50. JAROSITE. Laurion, Attica district, Greece. Sharp lustrous light brown crystals to 3 mm in size richly lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
51. KOTTIGITE. Daniel Mine, Schneeberg, Saxony, Germany. Bright raspberry-red crusts and small crystals covering areas of oxidised cobalt ore with patches of lighter pinkish Erythrite.  $3 \times 3 \times 1\frac{1}{4}$ ", £23.00
52. LAVENDULAN. Alice Mary Mine, Kundip, W. Australia. Light blue crusts and thin veinlets on and in matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p
53. LEVYNITE. Templepatrick, Co. Antrim, N. Ireland. Lustrous glassy creamy coloured crystals to 3 mm in size richly lining cavities in basalt.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p
54. LIEBIGITE. Schwartzwaelder Mine, Jefferson Co., Colorado, U.S.A. Lime-green flattened crystals to 4 mm in size encrusting matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
55. LIETHENITE. Mindola openpit, near Kitwe, Zambia. Sharp lustrous deep olive-green crystal 4 mm in size implanted on matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00
56. LISKEARDITE. Penberthy Croft Mine, St. Hilary, Cornwall. Specimen A: Rich snowy-white crystalline crusts lining cavities in limonitic gossan.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00. Specimen B: Rich snowy-white crystalline crusts lining small cavities in gossany quartz with patches of small sparkling Mimetite crystals.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.75p
57. MAGNETITE. Haytor Iron Mine, Dartmoor, Devon. Specimen A: Shining black sharp octahedral crystals to 3 mm in size encrusting matrix with a little actinolite.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £7.25p. Specimen B: Sharp bright black octahedral crystals to 3 mm in size lining cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £3.00
58. MALACHITE. Tsumeb, Otavi, S.W. Africa. Bright green fibrous botryoidal masses with a silky surface lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in chalcocite/hematite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
59. MALACHITE. Bisbee, Cochise Co., Arizona, U.S.A. Rich bright green concentrically banded mass with areas of black resinous TENORITE.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £6.75p
60. MARCASITE. Joplin, Missouri, U.S.A. Bright brassy sharp axe-like crystals to 8 mm in size thickly covering matrix with a little creamy calcite.  $4 \times 2\frac{1}{4}$ ", £9.00
61. MARCASITE. Marquis lode, Bedford United Mine, near Tavistock, Devon. Bright brassy bladed crystals to  $\frac{1}{4}$ " in size intergrown and lining cavities in massive marcasite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £3.75p
62. MELANOPHLOGITE. Forttullino, Tuscany, Italy. Glassy botryoidal masses to 4 mm in size scattered on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
63. NATIVE MERCURY. Almaden, Ciudad Real, Spain. Silvery globules and threads on and in quartzose matrix with cinnabar.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.25p
64. METAVOLINE. Cape Miseno, near Naples, Italy. Yellowish crystalline aggregates scattered on matrix.  $2 \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £4.75p
65. MOLYBDENITE. Hingston Down, Calstock, Cornwall. Silvery-grey foliated platy masses to  $\frac{1}{2}$ " in size richly scattered all over fine grained granite.  $4 \times 3 \times 1\frac{1}{2}$ ", £5.00
66. NATROLITE. Dean Quarry, Lizard, Cornwall. Creamy-white radiating fibrous crystallised vein sections with minor calcite and gabbro matrix. Specimen A:  $3\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £3.50p. Specimen B:  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p
67. OPAL. Carclaze claywork, St. Austell, Cornwall. Yellowish to greenish vitreous translucent thick mass on altered granite.  $4 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
68. PERICLINE. Alpe Stegia, Luchmanierpass, Switzerland. Creamy-white lustrous well formed crystals to  $\frac{1}{2}$ " in size intergrown in groups. Pieces approx 1" in size, £1.25p each.
69. PREHNITE. Paterson, New Jersey, U.S.A. Specimen A: Choice lime-green hemispherical masses to  $\frac{3}{4}$ " in diameter thickly covering matrix with a little crystallised Calcite.  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ", £18.00. Specimen B: Lime-green hemispherical masses with a crystalline surface to  $\frac{1}{4}$ " in diameter covering matrix with a little crystallised datolite.  $2\frac{1}{2} \times 2$ ", £9.00. Specimen C: Lime-green hemispherical masses with a crystalline surface to  $\frac{1}{2}$ " in diameter dotted on matrix with a little calcite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
70. PREHNITE. Porthoustock Qry., St. Keverne, Cornwall. Pale creamy to greenish well formed crystals to 5 mm in size intergrown on matrix.  $3 \times 1\frac{1}{2}$ ", £4.75p



- ✓ 71. PSEUDOMALACHITE. Coombling Park Mine, N.S. Wales, Australia. Deep green botryoidal mass  $1\frac{1}{2}''$  and thin veinlets on and in matrix.  $1\frac{1}{2} \times 1\frac{1}{2}''$ , £1.50p
- ✓ 72. PYRITES. Quiruvilca, Libertad Dept., Peru. Very bright brassy sharp large pyritohedral crystal  $3\frac{1}{2} \times 3''$  in size implanted on matrix with odd small crystals. Fine display specimen.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{3}{4}''$ , £42.00
- ✓ 73. PYRITES. Wheal Kitty, St. Agnes, Cornwall. Bright brassy sharp modified cubic and octahedral crystals to  $\frac{1}{2}''$  in size intergrown and scattered over pyrites/quartz matrix. Fine old specimen, rarely seen in this quality from Cornwall.  $5 \times 5 \times 2\frac{1}{2}''$ , £38.00
74. PYRITES. Silvermines, Co. Tipperary, Ireland. Specimen A: Bright small sharp pyritohedral crystals with a most attractive iridescent greenish tarnish lining large cavities in pyrites matrix, with numerous bright silvery-grey modified GALENA crystals to  $\frac{1}{2}''$  in size, and odd gemmy transparent orangey-brown SPHALERITE crystals. Nice display specimen.  $4\frac{1}{2} \times 4 \times 3''$ , £48.00. Specimen B: Small sparkling crystals with an iridescent tarnish covering the surface and lining cavities in a pyrites matrix, with numerous gemmy transparent orangey-brown SPHALERITE crystals to  $\frac{1}{4}''$  in size.  $4 \times 3 \times 1\frac{1}{2}''$ , £24.00. Specimen C: Small sparkling iridescently tarnished crystals thickly lining large cavities in pyrites matrix, with odd bright transparent gemmy yellowish to orangey SPHALERITE crystals, and a little creamy crystallised Dolomite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}''$ , £16.00. Specimen D: Bright brassy small sharp pyritohedral crystals with a slight iridescent tarnish in places, thickly covering pyrites matrix with odd small crystals of gemmy Sphalerite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}''$ , £6.00. Specimen E: Small bright sparkling crystals with an iridescent tarnish covering pyrites matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1''$ , £2.50p
75. PYROLUSITE. Higher Truscott Mine, near Launceston, Cornwall. Small bright silvery-grey crystals covering a  $1 \times 1''$  area on massive and botryoidal pyrolusite matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}''$ , £6.00
76. PYROMORPHITE. Dulch Glas Mine, near Talybont, Cardiganshire. Lustrous green tapering hexagonal crystals to  $\frac{1}{4}''$  in length thickly covering both sides of crystallised quartz matrix.  $3 \times 2\frac{3}{4} \times 1\frac{1}{2}''$ , £12.00
77. PYROMORPHITE. Halkyn Mines, Flintshire. Light yellowish-green columnar crystallised mass with small sparkling crystals forming a later encrustation.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}''$ , £14.00
78. PYRRHOTITE. Levant Mine, Pendeen, Cornwall. Dark brassy masses in greenstone with a little chalcopyrite.  $2\frac{3}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}''$ , £1.50p
79. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Dark brassy sharp terminated hexagonal crystals to  $\frac{1}{2}''$  in size forming an intergrown group with a little crystallised siderite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}''$ , £6.00
80. QUARTZ. Morro Velho goldmine, Minas Gerais, Brazil. Fine glassy transparent sharp elongated terminated crystals to  $1\frac{1}{2}''$  in length forming an intergrown group, with small sharp brassy hexagonal PYRRHOTITE crystals and a little creamy-white lenticular DOLomite scattered in places.  $5 \times 3\frac{1}{2} \times 1\frac{1}{4}''$ , £19.00
81. QUARTZ. Levant Mine, Pendeen, Cornwall. Sharp lustrous milky pyramidal crystals to  $\frac{3}{4}''$  in size covering matrix. Nice display specimen.  $5 \times 3 \times 2''$ , £8.00
82. QUARTZ. Parkside Mine, Frizington, Cumberland. Sharp transparent to translucent large bi-pyramidal crystals with a slight reddish colour due to hematite inclusions, to over  $1''$  in size, intergrown on botryoidal hematite matrix.  $4\frac{1}{2} \times 3\frac{1}{2} \times 3''$ , £9.00
- ✓ 83. RHODOCHROSITE. Inadairaishi Mine, Hokkaido, Japan. Light pink botryoidal mass with a little crystallised pyrites on one side.  $3 \times 2''$ , £9.00
84. RHODONITE. Liddcott Mine, Looe, Cornwall. Rich pinkish masses with minor chert and manganocalcite. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2}''$ , £3.75p. Specimen B:  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}''$ , £1.50p
85. SCHMITTERITE. Montezuma, Sonora, Mexico. Pale greenish masses with greyish HESSITE on quartzose matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}''$ , £12.00
86. DOULANGERITE/SEMSEYITE. Wheal Emily, Wembury, Devon. Rich silvery-grey intermixed masses with a fibrous structure in places, together with minor amounts of siderite veinstone. Specimen A:  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}''$ , £8.00. Specimen B:  $2\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{1}{4}''$ , £5.75p. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}''$ , £2.75p.



87. SCHATTUCKITE. New Cornelia Pit, Ajo, Arizona, U.S.A. Rich deep blue masses in light bluish-green AZOITE matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £6.00
88. NATIVE SILVER. Valenciana Mine, Guanajuato, Mexico. Groups of bright silvery well formed crystals, each approx  $\frac{1}{2}$ " in size, £2.50p each.
89. SMALTITE. Cobalt, Ontario, Canada. Rich silvery-gray masses with minor calcite and greenstone. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00. Specimen B:  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.50p
90. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Sharp transparent elongated terminated crystals to 1 cm in length scattered over crystalline galena matrix.  $2\frac{1}{2} \times 2\frac{1}{4}$ ", £18.50p
91. SMITHSONITE after CALCITE. Mendip Hills, Somerset. Dog-tooth calcite crystals to 1" in size intergrown on matrix, and completely coated and replaced by creamy to pale brownish Smithsonite.  $5\frac{1}{2} \times 4 \times 2$ ", £16.00
92. SPHALERITE. Silvermines, Co. Tipperary, Ireland. Specimen A: Very choice bright transparent gemmy orangey-brown crystals to  $\frac{1}{4}$ " in size scattered all over small bright iridescent PYRITES crystals lining large cavities in matrix, with odd bright silvery-gray Galena crystals.  $5 \times 4 \times 2$ ", £38.00. Specimen B: Bright transparent golden-brown sharp crystals to 1 cm in size thickly covering matrix.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £24.00. Specimen C: Bright transparent golden-brown sharp crystals to  $\frac{1}{4}$ " in size covering pyrites matrix with areas of slightly iridescent pyrites crystals.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00. Specimen D: Bright transparent golden-brown crystals to  $\frac{1}{4}$ " in size covering matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00. Specimen E: Bright transparent golden-brown crystals to 5 mm in size lining large cavities in pyrites matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen F: Bright transparent golden-brown crystals to  $\frac{1}{4}$ " in size intergrown on creamy crystallised dolomite.  $1\frac{1}{2} \times 1 \times 1$ ", £4.00
93. STANNITE. Wheal Jane, Kea, Cornwall. Rich greyish metallic masses with a little chalcopyrite and arsenopyrite. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p. Specimen B:  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.00
94. STIBNITE. Tredinnick Mine, St. Erney, Cornwall. Rich greyish bladed masses cementing brecciated slate and siderite matrix. Specimen A:  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £6.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p
95. STIBNITE. Ichinokawa, Shikoku, Japan. Fine silvery-grey elongated striated bladed crystals, some being hollow, to  $2\frac{1}{2}$ " in length by over  $\frac{1}{2}$ " in width, forming an intergrown mass with a little creamy crystallised calcite in places. A rare opportunity to acquire a good specimen from this old classic location, these specimens are seldom seen on the market now.  $6 \times 4\frac{1}{2} \times 2$ ", £350.00
96. TENNANTITE. Tsumeb, Otavi, S.W. Africa. Large greyish well formed crystals to  $\frac{3}{4}$ " in size scattered over a cellular matrix with much creamy crystallised Dolomite.  $6\frac{1}{2} \times 4 \times 2$ ", £24.00
97. TOPAZ. Tepetate, San Luis Potosi, Mexico. Sharp transparent terminated crystal with a slightly reddish tip, 1 cm in length, implanted on matrix with smaller topaz crystals.  $1\frac{1}{4} \times 1$ ", £2.00
98. TORDERNITE. Musonoi, Katanga, Zaire. Bright green sharp tabular crystals to  $\frac{1}{4}$ " in size scattered over matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £25.50p
99. WHITLOCKITE. North Groton, New Hampshire, U.S.A. Sharp transparent colourless crystals to 3 mm in size scattered in small cavities in siderite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.25p
100. WOHLERITE. Langesundsfjorden, Norway. Rich light brownish masses with lepidomelane in nepheline syenite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00
101. WOLFRAMITE. Panasqueira, Oeiras-Beixa, Portugal. Specimen A: Fine large tabular terminated and striated black crystal with a little muscovite mica encrusting part of one side.  $3 \times 2$ ", £48.50p. Specimen B: Sharp bright black terminated crystal  $1\frac{3}{4} \times 1\frac{1}{2}$ " in size with another crystal attached and areas of muscovite mica.  $2\frac{1}{4} \times 2 \times 1$ ", £14.25p
102. WOLFRAMITE. Wheal Unity, Gwennap, Cornwall. Bright black bladed masses with quartz and limonitic gossan.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £1.75p
103. WULFENITE. Los Lamentos, Chihuahua, Mexico. Bright orangey tabular crystals to 1 cm in size intergrown and scattered on creamy crystallised calcite matrix.  $1\frac{1}{2} \times 1$ ", £3.75p



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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.

#### SEPTEMBER 1980

1. ACANTHITE. Batopilas, Chihuahua, Mexico. Greyish masses associated with sphalerite and pyrites covering calcite and quartz matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £6.00
2. ADAMITE. Tsumeb, Otavi, S.W. Africa. Lustrous sharp yellowish crystals to 5 mm in size richly scattered over creamy-white needly SMITHSONITE crystals covering matrix.  $4\frac{1}{4} \times 3$ ", £34.00
3. ANATASE. Prenteg, near Tremadog, Carnarvonshire, N. Wales. Sharp lustrous blackish crystals to 2 mm in size scattered on matrix with a little Quartz.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
4. APATITE. Ehrenfriedersdorf, Saxony, Germany. Transparent to translucent lavender coloured well formed hexagonal crystals to over  $\frac{1}{4}$ " in size scattered and intergrown in cavities in quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £14.00
5. APOPHYLLITE. Zinc Corp. Mine, Broken Hill, N.S. Wales, Australia. Sharp bright colourless crystals to  $\frac{1}{2}$ " in size intergrown on mangancalcite.  $3 \times 1\frac{3}{4}$ ", £8.00
6. ARAGONITE variety FLOS-FERRI. Eisberg, Styria, Austria. Choice silky white ramifying tubose mass, excellent specimen for display.  $5 \times 4\frac{1}{2}$ ", £16.00
7. ARSENOPYRITE. Santa Eulalia, Chihuahua, Mexico. Bright silvery sharp crystals to 1 cm in size thickly covering matrix with odd small quartz crystals.  $2 \times 2$ ", £5.75p
8. AURICALCITE. 79 Mine, Gila Co., Arizona, U.S.A. Bluish-green radiating aggregates of crystals thickly covering limonitic matrix with a little colourless crystallised Hemimorphite.  $4\frac{1}{2} \times 3\frac{3}{4}$ ", £28.00
9. AXINITE. Colebrook Mine, Roseberry, Tasmania, Australia. Sharp lustrous clove-brown crystals to  $\frac{1}{2}$ " in size dotted on matrix with quartz crystals and silky actinolite.  $3 \times 2\frac{1}{2} \times 2$ ", £12.00
10. AXINITE. Botallack Head, St. Just, Cornwall. Lustrous sharp translucent brown crystals to 5 mm in size thickly lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00
11. AZURITE. South Caradon Mine, St. Cleer, Cornwall. Rich bright blue mass associated with minor green Malachite and blackish Melanconite.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00
12. AZURITE. Tomsk, Siberia, Russia. Sharp bright blue terminated crystals to over  $\frac{1}{2}$ " in length intergrown on one end of quartz matrix.  $2 \times 1\frac{1}{2}$ ", £24.00
13. BENITOITE. San Benito Co., California, U.S.A. Specimen A: Very choice lustrous light blue sharp crystals to  $\frac{1}{4}$ " in size scattered all over and partly embedded in natrolite covering serpentine matrix.  $6 \times 3\frac{3}{4}$ ", £78.00. Specimen B: Choice large light blue sharp crystals to nearly 1" in size scattered on and partly embedded in natrolite and serpentine matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £58.00.



14. BERTHIERITE. Herja, Rumania. Solid greyish metallic mass.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.50p
15. BERYL. Governador Veladeras, Minas Gerais, Brazil. Well formed greenish hexagonal crystal with transparent areas and flat end terminations.  $2\frac{1}{2} \times 2 \times 2\frac{1}{4}$ ", £14.00
16. BOULANGERITE. Wheal Boys, St. Endellion, Cornwall. Silvery-grey tarnished needly crystals and fibrous masses associated with milky quartz and a little sphalerite.  $2\frac{1}{2} \times 2 \times 1$ ", £8.00
17. BRAZILIANITE. Mantena, Minas Gerais, Brazil. Lustrous lime-green crystalline mass showing some well formed crystals in cavities.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00
18. CUSTAMITE. Meldon, Dartmoor, Devon. Rich light brownish bladed crystalline masses with minor matrix. Specimen A:  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £2.75p. Specimen B:  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £1.75p
19. CALCITE. Blackdene Mine, Weardale, Co. Durham. Sharp translucent milky-white flat 'nailhead' crystals to 1" in size stacked one-upon-another and intergrown all over fluorite matrix.  $4 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
20. CALEDONITE. Redgill Mine, Caldbeck Fells, Cumberland. Small bluish crystals richly lining a  $\frac{1}{2}$ " cavity in quartz matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00
21. CALLAGHANITE. Gabbs, Nye Co., Nevada, U.S.A. Rich bright blue crystalline crystals on matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £4.75p
22. CASSITERITE. Kit Hill Mine, Stoke Climeland, Cornwall. Sharp lustrous brown twinned crystal 1 cm in size implanted on quartz/greisen matrix.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £16.00
23. CASSITERITE. Asturias, Spain. Dark brown large crude crystals intergrown together with a little quartz and muscovite mica.  $2\frac{1}{2} \times 2 \times 2$ ", £24.00
24. CANAVESITE. Drosso Mine, Ivrea, Italy. Specimen A: Bright creamy-white radiating aggregates of needly crystals covering large areas of matrix.  $4 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen B: Silky creamy-white radiating aggregates of needly crystals covering matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £7.00. Specimen C: As specimen B, but not so rich,  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
25. CHALCOCITE replaced by bornite and chalcopyrite. St. Ives Consols Mine, St. Ives, Cornwall. Large iridescently tarnished platy crystals to  $\frac{1}{2}$ " in size intergrown together with a little quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £14.00
26. CHROME-CERUSSITE. Kapi Mine, Dundas, Tasmania, Australia. Lustrous pale yellowish sharp crystals to 4 mm in size lining large cavities in a cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
27. CHROMITE. Phillipine Islands. Very rich bright black slightly crystalline mass.  $2 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £2.75p
28. CINNABAR. Almaden, Ciudad Real, Spain. Bright reddish crystalline masses covering joints in dark quartzite matrix with odd small cavities lined with well formed crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
29. CLINOCLASE. American Eagle Mine, Tintic district, Utah, U.S.A. Lustrous deep bluish spherical crystal aggregates to 5 mm in diameter scattered on quartz/chalcocite matrix with a little crystallised Azurite and a bright green platy crystalline patch of Tyrolite.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £46.00
30. CLINOPTILOLITE. Succor Creek, Malheur Co., Oregon, U.S.A. Transparent sharp crystals to 3 mm in size lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.50p
31. COLEMANITE. Boron, California, U.S.A. Lustrous transparent colourless sharp bladed crystals to  $\frac{3}{4}$ " in size thickly intergrown and stacked one-upon-another on crystalline colemanite matrix.  $4 \times 3 \times 2\frac{1}{2}$ ", £18.00
32. COLUMBITES. Ivigtut, Greenland. Sharp blackish crystal 5 mm in size embedded in matrix with odd plates of molybdenite.  $1\frac{1}{2} \times 1$ ", £4.75p
33. NATIVE COPPER. West Garadon Mine, St. Cleer, Cornwall. Very rich heavy crystalline mass with odd fragments of quartz.  $3 \times 2 \times 1\frac{1}{2}$ ", £16.00
34. NATIVE COPPER. Mufulira Mine, Zambia. Groups of bright coppery sharp elongated spiky crystals, very pretty little specimens. Specimens each approx  $1\frac{1}{4}$ - $1\frac{1}{2}$ " in size, £3.50p each.



35. GROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Lustrous orangey-red sharp elongated terminated crystals to  $\frac{1}{2}$ " in length scattered and intergrown all over limonitic matrix.  $4 \times 3\frac{1}{4}$ ", £18.00.
36. CUPRITE. Chessy, Rhone, France. Deep reddish crystalline vein-section with odd well formed crystals in places and a little silky green malachite.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
37. DAUSONITE. Terlan, Bolzano, Italy. Specimen A: Creamy-white needly crystals lining cavities to  $\frac{1}{2}$ " in size in matrix.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen D: Creamy-white needly crystals associated with quartz in a  $\frac{3}{4}$ " cavity on one side of matrix.  $2 \times 1\frac{1}{4}$ ", £5.00. Distinct crystals of Dausonite are rather rare.
38. DUFTITE. Tsumeb, Otavi, S.W. Africa. Lime-green crystalline crust covering a group of crudely formed large greyish Tennantite crystals with crystal faces to over 1" in size.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p
39. ERYTHRITE. Bou Azzer, Djebel Sarhro, Morocco. Lustrous reddish sharp crystals to 4 mm in size scattered in a  $\frac{3}{4}$ " cavity in calcite matrix.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
40. FLUORITE. Milltown Qry., Ashover, Derbyshire. Transparent cubic crystals to 1" in size with inclusions of Pyrites and an unusual iridescent film on the crystal faces; intergrown on matrix. The specimen was collected by Sir Arthur Russell in April 1934, and is accompanied by one of his hand-written labels.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £8.00
41. FLUORITE. Oaumont Mine, Allenheads, Northumberland. Transparent bright greyish to pale purplish sharp twinned cubic crystals to over  $\frac{1}{2}$ " in size thickly covering matrix with a little creamy crystallised Dolomite.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £16.00
42. GALENA. Trepca, Yugoslavia. Very bright silvery-grey sharp modified crystals showing interesting growth patterns on their faces, to  $1\frac{1}{4}$ " in size, forming an intergrown group with a little creamy crystallised calcite.  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £28.00
43. GALENA. Blackdene Mine, Weardale, Co. Durham. Bright silvery-grey sharp cube-octahedral crystal 1" in size with several smaller crystals associated with transparent light purplish cubic Fluorite crystals and a little creamy Calcite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
44. GOETHITE. Wheal Cock, St. Just, Cornwall. Bright blackish botryoidal mass covered in minute sparkling crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
45. NATIVE GOLD. Northern Territories, Australia. Small golden flakes scattered in blackish magnetite matrix. Specimens each approx 1" in size, £1.50p each.
46. NATIVE GOLD. Argentina, S. America. Rich golden flakes scattered over the surface and one side of a quartzose matrix. An old label is attached to the specimen.  $3 \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £24.00
47. HARMOTOME. Bellsgrrove Mine, Strontian, Argyllshire, Scotland. Lustrous creamy-white sharp twinned crystals to 1 cm in size intergrown and scattered on calcite matrix.  $3 \times 2\frac{1}{4} \times 1\frac{3}{4}$ ", £9.00
48. HEMATITE variety Pencil Ore. Modbarrow Mine, Millom, Cumberland. Shining reddish-brown fibrous mass.  $2 \times 2 \times 1$ ", £5.00
49. HEMIMORPHITE. La Esmeralda Mine, Chihuahua, Mexico. Silky sky-blue botryoidal mass covering matrix. Attractive specimen for display.  $3\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{1}{2}$ ", £9.00
50. HEMIMORPHITE. Greenside Mine, Patterdale, Westmoreland. Specimen A: Pale bluish botryoidal masses covering quartz and barytes matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £3.00. Specimen D: Pale bluish botryoidal masses lining small cavities in cellular quartz and barytes.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
51. KLEOELSBERGITE. Pereta, Grosseto, Italy. Silky golden radiating needly crystal aggregates lining cavities in rich silvery-grey bladed Stibnite matrix, with crusts of reddish Kermesite. Specimens are priced according to richness rather than size. Specimen A:  $2\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{1}{4}$ ", £14.00. Specimen D:  $3 \times 1\frac{1}{2} \times 1$ ", £9.00. Specimen C:  $1\frac{1}{4} \times 1 \times 1$ ", £2.75p
52. LINARITE. Redgill Mine, Caldbeck Fells, Cumberland. Bright blue bladed crystals forming an intergrown mass on one side of quartz matrix.  $1 \times 1$ ", £7.00
53. LUDWIGITE. Gesso Mine, Ivrea, Italy. Rich blackish radiating fibrous masses with minor pyrrhotite. Specimen A:  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00. Specimen D:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1 \times 1$ ", £1.75p



54. MALACHITE. Kambove, Katanga, Zaire. Bright emerald-green sharp crystals to 5 mm in size thickly lining a  $1\frac{1}{2} \times 1$ " cavity on matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
55. MALACHITE. Browns Claim, Rum Jungle, N. Terr., Australia. Bright green fibrous botryoidal masses with minor cerussite. Pieces each approx 1" in size, £0.40p each.
56. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous pale yellowish elongated crystals to  $\frac{1}{4}$ " in length scattered and intergrown on matrix.  $2 \times 2 \times 1\frac{1}{4}$ ", £8.00
57. MOLYBDENITE. Climax Mine, Colorado, U.S.A. Greyish foliated plates scattered on and in matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.50p
58. NIOCALITE. Oka, Quebec, Canada. Light brownish crystal sections scattered in calcite matrix.  $2\frac{1}{2} \times 2$ ", £4.25p
59. ONORATOITE. La Cetine Mine, Siena, Italy. Specimen A: Creamy-white radiating silky fibrous crystal aggregates scattered in small cavities in stibnite and quartz matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £12.00. Specimen B: Creamy-white silky fibrous crystal mass 4 mm in size implanted in a cavity in stibnite/quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £6.00
60. PARASPEITE. Broken Hill, Zambia. Small creamy-white crystals covering sharp well formed transparent TARBOUTITE crystals to 5 mm in size covering cellular limonitic matrix.  $1\frac{1}{2} \times 1$ ", £4.75p
61. PARSONSITE. Mine la Pave, Grury, Saone-et-Loire, France. Bright yellow crust of minute acicular crystals covering matrix.  $2 \times 1 \times 1$ ", £3.50p
62. PENTLANDITE. Bushveld, South Africa. Rich bronzey metallic mass with minor pyrites and chalcopyrite.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
63. PHARMACOSIDERITE. Wheal Pendarves, Camborne, Cornwall. Small sharp bright green cubic crystals lining cavities in quartz/tourmaline/arsenopyrite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.75p
64. PHILLIPSITE. Gads Hill, Tasmania, Australia. Sharp lustrous creamy-white crystals to 4 mm in size lining large cavities in basalt. Specimen A:  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £6.00. Specimen B: - with a little crystallised Chabazite in association -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
65. PLANCHEITE. Msesa, Shaba Province, Zaire. Very rich sky-blue fibrous radiating mass with green crystalline Malachite.  $2 \times 1\frac{1}{2} \times 1$ ", £13.00
66. POLYBASITE. Rayas Mine, Guanajuato, Mexico. Rich silvery-grey metallic masses with a little chalcopyrite and quartz in association. Pieces approx  $\frac{3}{4}$ "-1" in size, £1.50p each.
67. POSNIAKITE. Drokewalls Mine, Gunnislake, Cornwall. Sky-blue small well formed crystals scattered on slate.  $4\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £8.00
68. PREHNITE. Bourg d'Oisans, Isere, France. Sharp transparent colourless to pale greenish crystals to nearly  $\frac{1}{2}$ " in size thickly intergrown and covering matrix. Fine old specimen.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £75.00
69. PYRRHOTITE. Huelmoencina, Guadalajara, Spain. Deep reddish well formed terminated crystals and crystal sections to 7 mm in size intergrown and scattered on matrix with a little sphalerite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £48.00
70. PYRITES. Mina San Cristobal, Huancavelica, Peru. Sharp bright pyritohedral crystals to  $\frac{1}{2}$ " in size scattered all over matrix and associated with slender milky Quartz crystals to  $\frac{1}{2}$ " in length.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £16.00
71. PYRITES. Penlee Quarry, Newlyn, Cornwall. Bright golden cubic crystals to  $\frac{1}{2}$ " in size intergrown on matrix with a little chalcopyrite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p
72. PYRITES replacing PYRRHOTITE. Trepca, Yugoslavia. Sharp hexagonal pyrrhotite crystals to  $\frac{3}{4}$ " in diameter replaced by pyrites dotted on quartzose matrix with slender milky quartz crystals and a little sphalerite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £19.00
73. PYROMORPHITE. Broken Hill, N.S. Wales, Australia. Lustrous light brown divergent sprays of crystals to  $\frac{1}{4}$ " in size forming a pure cellular crystallised mass.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £18.00
74. PYROMORPHITE. Broken Hill, Zambia. Lustrous light green sharp slightly tapering hexagonal crystals to 5 mm in size thickly covering a cellular limonitic matrix.  $3 \times 2\frac{1}{2}$ ", £34.00



75. PYROXMANGITE. North Mine, Broken Hill, N.S. Wales, Australia. Lustrous raspberry-red crystal sections to 1" in size richly embedded in galena and sphalerite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
76. RHODOCHROSITE. Kassandra, Chalkidiki, Greece. Very choice light pink columnar mass of small well formed crystals with a little crystallised Sphalerite in association. Fine display specimen.  $6 \times 4 \times 2\frac{1}{2}$ ", £86.00.
77. RUBELLITE. Himalaya Mine, San Diego Co., California, U.S.A. Lustrous pinkish elongated hexagonal crystal sections to 1" in length thickly embedded in light lavender coloured lepidolite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
78. SCORODITE. Wheal Gorland, St. Day, Cornwall. Pale greyish-green hemispherical crystal masses to 4 mm in diameter richly scattered in cavities in cellular quartzose matrix with minute sparkling crystals of Pharmacosiderite.  $3\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £10.00
79. SIDERITE. Wheal Crebor, near Tavistock, Devon. Lustrous dark brown well formed platy hexagonal crystals to 5 mm in size very richly covering a cavernous matrix with small spiky Quartz crystals in association.  $4 \times 3 \times 1\frac{1}{2}$ ", £9.00
80. NATIVE SILVER. Smuggler Mine, Aspen, Colorado, U.S.A. Small tarnished silvery wires and curls lining cavities and infilling joints in a narrow quartz veinlet cutting a rich sphalerite/acanthite matrix.  $4 \times 2\frac{1}{2} \times 1$ ", £18.00
81. NATIVE SILVER. Batopilas, Chihuahua, Mexico. Rich tarnished metallic nuggety mass with quartz; one side has been cut and polished.  $1 \times 1 \times 1$ ", £24.00
82. NATIVE SILVER. Kearsage Mine, Keweenaw Pen., Michigan, U.S.A. Silvery masses with dark tarnished Native Copper.  $1 \times 2 \times \frac{1}{2}$ ", £4.75p
83. SMALTITE/CODALTITE. St. Austell Consols Mine, St. Stephen-in-Drennel, Cornwall. Rich greyish mass with a little quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.75p
84. SMITHSONITE. Broken Hill, N.S. Wales, Australia. Lustrous transparent pale lime-green 'rice-grain' crystals to 5 mm in size encrusting an intergrown mass of crystallised CERUSSITE with minor limonite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00
85. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Specimen A: Transparent sharp rose-pink coloured rhombic crystals to  $\frac{1}{4}$ " in size lining a  $1\frac{1}{2} \times 1$ " cavity in matrix with pale creamy-yellow pyromorphite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00. Specimen B: Pale lime-green sharp crystals to 5 mm in size scattered on a cellular matrix with creamy crystallised calcite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £7.00
86. SPESSARTITE GARNET. North Mine, Broken Hill, N.S. Wales, Australia. Specimen A: Well formed lustrous orangey-red crystals to 1 cm in size covering most of the surface of garnet/galena matrix with minor chalcopyrite and sphalerite.  $3\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{1}{2}$ ", £14.00. Specimen B: Bright orangey well formed crystals to 1 cm in size intergrown on massive garnet and galena matrix.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £12.00
87. SPHALERITE. Trepca, Yugoslavia. Choice sharp bright black crystals to  $1\frac{1}{2}$ " in size forming an intergrown group with a little creamy crystallised Calcite in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £26.00
88. SPHALERITE. Wheal Jane, Kea, Cornwall. Bright black crystals and crystal sections to  $\frac{1}{2}$ " in size associated with slender milky Quartz crystals and Pyrites crystals covering matrix.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
89. SPHALERITE. Nentsberry Mine, Alston Moor, Cumberland. Bright black sharp composite crystals to 1 cm in size thickly covering matrix.  $2\frac{1}{2} \times 2$ ", £3.50p
90. SPHALERITE. Great Laxey Mine, Isle of Man. Lustrous black sharp crystals to 1 cm in size thickly covering a hacked quartz matrix.  $6\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2}$ ", £24.00
91. STANNITE. Dunny Mine, St. Austell, Cornwall. Greyish metallic mass associated with much yellowish VARLAMOFFITE covering greisen matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.25p
92. STIBNITE. Schemnitz, Czechoslovakia. Bright silvery-grey bladed mass with barytes.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00
93. STILOITE. Garrawilla, N.S. Wales, Australia. Choice lustrous orangey coloured sharp large tabular crystals to  $1\frac{1}{4}$ " in size forming an intergrown group.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £14.00



94. TEKTITE variety Indochinite. Pailin district, Thailand. Specimen A: Large blackish rounded mass with a slightly raised edge.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £24.00. Specimen B: Rounded blackish mass,  $1 \times \frac{1}{2} \times \frac{1}{4}$ ", £9.00
  95. TOPAZ. San Felipe, Guanajuato, Mexico. Very choice transparent sherry-coloured terminated crystals to over 1" in length scattered on matrix with odd small plates of hematite and creamy-white botryoidal masses of Hyalite Opal.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £48.00
  96. TOPAZ. Rop Tin Mine, Jos, Nigeria. Transparent pale bluish slightly worn well terminated crystal from an alluvial deposit.  $1\frac{1}{2} \times 1 \times 1$ ", £14.00
  97. TORBERNITE. Musonoi, Shaba Province, Zaire. Bright emerald-green tabular crystals to 5 mm in size scattered and intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
  98. TRIPPLITE. Abrevazos, Beira-Alta, Portugal. Resinous dark brown mass.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.00
  99. VAUQUELINITE. Beresovsk, Ekaterinburg, Russia. Minute dark brownish sparkling crystals covering small areas of matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
  100. VIVIANITE. Wannan Falls, Coleraine, Victoria, Australia. Dark bluish-black bladed crystals to  $\frac{1}{4}$ " in length forming an intergrown divergent mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
  101. WAVELLITE. Highdown Qry., Filleigh, Devon. Choice silky creamy coloured large radiating crystallised masses to 1" in diameter covering most of the surface of a dark slaty matrix.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £14.00
  102. WOLFRAMITE. Stanbear Cott Wolfram Prospect, Linkinhorne, Cornwall. Black bladed masses in milky quartz. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.50p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £1.25p
  103. WOLFRAMITE. Battern Hill, Bodmin Moor, Cornwall. Three rolled alluvial pebbles associated with a little quartz; each pebble approx 1" in size. £1.50p lot.
  104. WOLFRAMITE. Panasqueira, Beira-Beixa, Portugal. Superb bright black sharp terminated tabular crystals forming an intergrown group with a little light brown lenticular crystallised Siderite on one side. The largest crystal is  $2\frac{1}{2} \times 2$ " in size and is doubly terminated.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £180.00
  105. WULFENITE. Toubssit, near Oujda, Morocco. Lustrous orangey sharp tabular crystals to  $\frac{1}{2}$ " in size free-standing and thickly intergrown on a cellular limonitic matrix.  $4 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £42.00
  106. WULFENITE. Los Lamentos, Chihuahua, Mexico. Bright translucent orangey blocky crystals to 1 cm in size thickly intergrown on limonitic matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £17.00
  107. WULFENITE. Tsumeb, Otavi, S.W. Africa. Large orangey-brown sharp well formed tabular composite crystal with a little limonite attached.  $1\frac{1}{4} \times 1$ ", £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.

OCTOBER 1980

1. ALDITE. Ginnental, Valais, Switzerland. Choice lustrous creamy coloured translucent sharp flat crystal showing parallel growth of its faces.  $2\frac{1}{2} \times 2$ ", £10.00
2. ANGLESITE. Broken Hill, Zambia. Sharp transparent colourless crystals to over  $\frac{1}{4}$ " in size intergrown on limonitic matrix.  $1\frac{1}{2} \times \frac{1}{2}$ ", £1.50p
3. NATIVE ANTIMONY. Gwelo district, Rhodesia. Rich silvery-grey metallic mass with quartz and minor yellowish antimony ochre.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
4. APATITE. Bunny Mine, St. Austell, Cornwall. Translucent to transparent lustrous pale bluish prismatic crystals to 7 mm in length scattered in cavities in pegmatite matrix with galberite and tourmaline.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £2.50p
5. ARAGONITE. Molina de Aragon, Spain. Select lavender coloured sharp single pseudo-hexagonal crystals, being complete and doubly terminated. Specimen A:  $2\frac{1}{2} \times 2 \times 2$ ", £9.00  
Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00. Specimen C:  $1 \times 1 \times 1$ ", £1.50p
6. ARGENTITE. Rayas Mine, Guanajuato, Mexico. Bright metallic grey cubic crystals and crystal sections to 3 mm in size scattered on and in cavities in chalcopyrite matrix.  $1\frac{1}{2} \times 1$ ", £8.00
7. ATACAMITE. Mina la Fardola, Copiapo, Chile. Lustrous deep green rosettes of crystals to 7 mm in size scattered on matrix with tufts of lighter green crystallised Libethenite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
8. NATIVE ARSENIC. Kusa Mine, near Bau, Sarawak. Rich grey mass with minor bladed Stibnite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
9. AZURITE. Tsumeb, Otavi, S.W. Africa. Deep blue sharp terminated crystals to 4 mm in size scattered on chalcocite matrix with crusts of light green Duftite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
10. BARYTES. Settlingstones Mine, Hexham, Northumberland. Fine lustrous creamy-white wedge-shaped crystals to 1 cm in size forming an unusual stalactite-like mass of crystals.  $4 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
11. BARYTES. Mt. Wellington Mine, Gwennap, Cornwall. Specimen A: Translucent greyish tabular crystals to 1 cm in size intergrown on iridescently tarnished chalcopyrite matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.50p. Specimen B: Translucent greyish crystals to 1 cm in size scattered on tarnished chalcopyrite matrix.  $1\frac{1}{2} \times 1 \times 1$ ", £3.50p
12. BEUDANTITE. Tsumeb, Otavi, S.W. Africa. Small sparkling golden-brown crystals lining large cavities in a quartz/hematite matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00
13. BORNITE. Levant Mine, Pendeen, Cornwall. Attractive iridescently tarnished purple mass with brassy Chalcopyrite, Pyrites & Quartz.  $3 \times 2 \times 1$ ". £1.75p



14. BORNITE. Cooks Kitchen Mine, Illogan, Cornwall. Dark purple tarnished botryoidal mass covering pyrites/chalcopyrite/hematite matrix, with well developed crystal faces to 3 mm in size covering the surface.  $4 \times 3 \times 1\frac{1}{2}$ ", £48.00
15. CALCITE. Tsameb, Otavi, S.W. Africa. Specimen A: Transparent very lustrous sharp tabular crystals to 1" in size having a reddish tint due to underlying hematite, intergrown on hematite/calcite matrix. Very attractive specimen.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £14.00  
Specimen B: Lustrous transparent colourless sharp bladed crystals showing internal growth lines to  $\frac{1}{4}$ " in size thickly intergrown on matrix.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £13.00
16. CALCITE. Abbeytown Mine, Co. Sligo, Ireland. Well formed transparent to translucent large twinned single crystals and crystal groups, varying from  $2 \times 1\frac{1}{2}$ " to  $1 \times 1$ " in size. Priced from £0.80p to £1.50p each depending on size.
17. CALCITE. Dotallack Mine, St. Just, Cornwall. Select creamy-white curved rosettes of platy crystals to  $1\frac{1}{2}$ " in size forming an intergrown group with minor matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
18. CALCITE. Levant Mine, Pendeen, Cornwall. Specimen A: Creamy-white well formed crystals to  $\frac{1}{2}$ " in size scattered and intergrown on reddish hematite-coated pyramidal Quartz crystals to  $\frac{1}{2}$ " in size.  $3 \times 2 \times 1\frac{1}{4}$ ", £5.00. Specimen B: Creamy coloured sharp lenticular crystals to 1 cm in size intergrown and scattered on lustrous smoky pyramidal Quartz crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
19. CALEDONITE. Hard Luck Claim, near Baker, California, U.S.A. Specimen A: Well formed light blue crystals and crystal aggregates to 3 mm in size covering areas of matrix with creamy cerussite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00. Specimen B: Lustrous greenish-blue well formed crystals to 3 mm in size richly covering matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00. Specimen C: Light blue flattened crystals to 3 mm in size covering most of the surface of matrix,  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen D: Light blue flattened crystals intergrown on areas of matrix.  $1 \times 1$ ", £3.50p
20. CARMINITE. Penberthy Croft Mine, St. Hilary, Cornwall. Specimen A: Dull reddish micro crystallised crusts covering areas of gossany matrix with small acicular Mimete crystals in cavities.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.25p. Specimen B: Dull reddish micro crystallised crusts lining cavities in gossany matrix with yellowish Beaverite and small cavities lined with minute Boudantite crystals.  $1\frac{1}{2} \times 1 \times 1$ ", £1.75p
21. CASSITERITE. Pell Mine, St. Agnes, Cornwall. Bright blackish prismatic terminated crystals to 9 mm in size intergrown on a  $1 \times 1$ " area of rich cassiterite/quartz/slate veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £24.00
22. CASSITERITE. Zinnwald, Bohemia, C.S.S.R. Fine sharp bright black twinned single crystal.  $1 \times 1$ ", £24.00
23. CERUSSITE. Broken Hill, N.S. Wales, Australia. Creamy-white bladed jacketraw crystals to  $\frac{1}{2}$ " in length thickly intergrown on blackish psilomelane coated matrix.  $3 \times 2 \times 1$ ", £5.00
24. CERUSSITE. Tsameb, Otavi, S.W. Africa. Specimen A: Fine sharp mostly transparent lustrous partly smoky coloured twinned crystal.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00. Specimen B: Fine mostly transparent twinned crystal.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.75p
25. CHALCEDONY. North Pool Mine, Illogan, Cornwall. Translucent creamy coloured botryoidal and stalactitic mass covering dolomite/quartz matrix.  $4 \times 2\frac{1}{2}$ ", £8.00
26. CHALCOCITE. West Wheal Basset, Illogan, Cornwall. Bright greyish sharp hexagonal crystals to 5 mm in diameter richly scattered over quartzose matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £28.00
27. CHALCOCITE. St. Ives Consols Mine, St. Ives, Cornwall. Small silvery-grey well formed crystals to 3 mm in size scattered in cavities in massive chalcocite.  $1\frac{1}{2} \times 1 \times 1$ ", £5.00
28. CHALCOPYRITE. Castrovirreyra Mine, near Lima, Peru. Bright golden sharp crystals to 1 cm in size associated with slender clear Quartz crystals, brownish Sphalerite crystals, small striated cubic Pyrites crystals, and odd sharp silvery-grey Tetrahedrite crystals covering matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £10.00
29. CHALCOPYRITE variety Blister Copper. Levant Mine, Pendeen, Cornwall. Brassy coloured flat mamillary mass with a smooth upper surface.  $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £7.50p



30. CHILDRENITE. Crinnis Mine, St. Austell, Cornwall. Small sparkling golden-brown crystals richly covering quartz/slate veinstuff.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
31. CLINOCLASE. Majuba Hill Mine, Churchill Co., Nevada, USA. Lustrous deep blue crystals to 3 mm in size scattered on matrix with dark greenish Chenevixite.  $1\frac{1}{4} \times 1$ ", £3.75p
32. CONNELLITE variety TALLINGITE. Wheal Edward, St. Just, Cornwall. Rich light blue crust covering matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £2.50p
33. COVELLITE. Leonard Mine, Butte, Montana, U.S.A. Very rich platy bright bluish to purple crystalline masses with minor golden pyrites in association. Specimen A:  $5 \times 2\frac{1}{2}$ ", £9.00. Specimen B:  $2\frac{1}{2} \times 2$ ", £5.00. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.00
34. CUPRITE. Ting Tang Mine, Gwennap, Cornwall. Bright reddish sharp octahedral crystals to 3 mm in size covering a flat plate of native copper, cuprite and quartz.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £18.00
35. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Lustrous deep reddish sharp octahedral crystals to 2 mm in size thickly covering massive cuprite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £24.00
36. CUPROADAMITE. Tsumeb, Otavi, S.W. Africa. Sharp lustrous green crystals to nearly 4 mm in size intergrown and scattered on chalcocite/quartz matrix with tufts of Malachite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £14.00
37. CYANOTRICHITE. Mina Vieja, Potrerillos, Chile. Sky-blue velvety crusts of acicular crystals on matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £5.00
38. DIOPHASE. Tsumeb, Otavi, S.W. Africa. Specimen A: Bright emerald green sharp crystals to  $\frac{1}{4}$ " in size dotted on creamy rhombic crystals of Calcite to 1 cm in size covering matrix, with traces of pale blue Planchete on the reverse side.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £14.00 Specimen B: Bright emerald green sharp crystals to  $\frac{1}{4}$ " in size dotted on creamy crystallised calcite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £10.00.
39. DOLomite. Treace, Kansas, U.S.A. Lustrous light pinkish curved saddle-shaped crystals thickly covering matrix with odd minute chalcopyrite crystals.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £5.00
40. EPIDOTE. Le Bourg d'Oisons, Isere, France. Lustrous dark olive-green well formed rod-like crystals to  $\frac{1}{4}$ " in length intergrown on matrix.  $2\frac{1}{2} \times 2$ ", £8.00
41. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Lustrous light to dark purple sharp transparent to translucent cubic crystals to  $1\frac{1}{2}$ " in size thickly covering matrix. Nice specimen for display.  $5 \times 3 \times 2$ ", £18.00
42. FLUORITE. Florence Mine, Egreymont, Cumberland. Transparent colourless to light brick-red cubic crystals to  $\frac{1}{2}$ " in size forming an intergrown plate with odd creamy-white saddle-shaped crystals of dolomite.  $3 \times 2$ ", £6.00
43. FLUORITE. Goldenpoint Quarry, Luxulyan, Cornwall. Deep purplish modified octahedral crystals in parallel growth forming groups to  $\frac{1}{4}$ " in size dotted on crystallised Orthoclase with gillbertite, quartz, tourmaline and several sharp, clear terminated pale green crystals of APATITE to 3 mm in size.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £4.75p
44. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Bright silvery-grey modified octahedral crystals forming crystal aggregates to 1" in size thickly intergrown on matrix with a little creamy crystallised dolomite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £12.00
45. GETCHELLITE. Gatchell Mine, Humboldt Co., Nevada, U.S.A. Very rich dark reddish crystalline masses with yellowish crystalline Orpiment and a little realgar.  $3 \times 2 \times 1\frac{1}{2}$ ", £18.00
46. HACKMANITE. Bancroft, Ontario, Canada. Solid creamy-white mass.  $3 \times 1\frac{1}{2} \times 1$ ", £1.50p
47. HEYROVSKYITE. Austin, Lander Co., Nevada, U.S.A. Silvery-grey masses and small patches in matrix. Specimens are priced according to richness rather than size. Specimen A:  $2\frac{1}{4} \times 1\frac{1}{4}$ ", £12.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p. Specimen D: 1" pieces of matrix with small amounts of heyrovskyite, £1.25p each.
48. HUBNERITE. Peste Quena, Peru. Sharp lustrous dark reddish-brown terminated tabular crystal 2" in size with several small crystals, associated with clear sharp glassy Quartz crystals to  $1\frac{1}{2}$ " in length. Nice display specimen.  $3 \times 2\frac{1}{4} \times 2\frac{1}{4}$ ", £38.00
49. IDOGRASE. Bellecombe, Piedmont, Italy. Sharp lustrous dark olive-green crystals to  $\frac{1}{4}$ " in size intergrown on matrix.  $1 \times 1$ ", £7.00



50. INESITE. Hale Creek Mine, near Ruth, Trinity Co., California, U.S.A. Lustrous pink sharp terminated crystals to 1 cm in length thickly covering matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £16.00
51. LEPIDOLITE. Varutrask, N. Sweden. Well formed pale lavender coloured hexagonal crystal books to over  $\frac{1}{2}$ " in size richly embedded in pegmatite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p
52. LIBETHENITE. M'Changa Mine, Zambia. Sharp lustrous olive-green octahedral crystals to 3 mm in size covering a  $2\frac{1}{2} \times 1\frac{1}{4}$ " area of matrix with crusts of dark green pseudomalachite.  $3\frac{1}{2} \times 2\frac{1}{4}$ ", £16.00
53. LOLLINGITE. Tremearne Cliff, near Porthleven, Cornwall. Rich silvery metallic crystalline masses in pegmatite.  $2\frac{1}{2} \times 2 \times 1$ ", £2.50p
54. MALACHITE. Ural Mts., Siberia, Russia. Select bright green velvety needly crystals lining cavities in massive malachite and limonite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £8.00
55. MALACHITE. Browns Claim, Rum Jungle, N. Terr., Australia. Fine dark green flat botryoidal mass with a smooth surface and showing some good banding round the edges. A little creamy-white crystallised Cerussite is scattered on the surface of the malachite. Nice display specimen.  $6 \times 4\frac{1}{2}$ ", £48.00
56. MARCASITE. Blackdene Mine, Weardale, Co. Durham. Bright brassy sharp bladed crystals to 1 cm in size intergrown on a  $1\frac{1}{2} \times 1$ " area of fluorite matrix with well crystallised transparent crystals of calcite.  $2\frac{1}{2} \times 2$ ", £5.75p
57. McGUINNESSITE. Red Mountain, Mendocino Co., California, U.S.A. Rich pale bluish-green crystalline crusts on matrix. Specimen A:  $2 \times 1\frac{1}{2} \times 1$ ", £4.00. Specimen B:  $1\frac{1}{2} \times 1$ ", £1.50p
58. NATIVE MERCURY. Socrates Mine, Sonoma Co., California, U.S.A. Silvery globules and patches on and in matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.75p
59. MIMETITE. Mina Ojuela, Mapimi, Durango, Mexico. Unusual creamy-yellow botryoidal masses thickly covering limonite matrix with small sharp clear crystals of hemimorphite and a little calcite scattered on the surface.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
60. MIMETITE. Tsumeb, Otavi, S.W. Africa. Pale creamy-yellow tufts of crystals to 1 cm in size scattered over matrix with a little green malachite and Duftite.  $4 \times 3\frac{1}{2}$ ", £10.00
61. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Olive-green needly crystals richly lining cavities to  $\frac{1}{4}$ " in size in cellular gossany quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £5.25p
62. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Small bright green sharp cubic crystals lining cavities in cellular quartz and arsenopyrite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
63. PHOSGENITE. Monteponi, near Iglesias, Sardinia. Lustrous translucent creamy coloured crystal section showing some good faces  $\frac{1}{4}$ " in size implanted on galena matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £14.00
64. PREHNITE. Dean Quarry, Lizard, Cornwall. Pale lime-green translucent sheaves of crystals to  $\frac{1}{4}$ " in size covering prehnite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £4.00
65. PSEUDOBROOKITE. Thomas Mts., Utah, U.S.A. Blackish acicular crystals to 1 cm in size spanning a  $\frac{1}{4}$ " cavity in rhyolite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £5.75p
66. PSEUDOMALACHITE. Wheal Carpenter, Guinear, Cornwall. Dark green botryoidal mass covering crystals of milky quartz.  $1\frac{1}{2} \times 1 \times 1$ ", £2.50p
67. PYRITES. George & Charlotte Mine, near Tavistock, Devon. Sharp bright brassy cubic crystals to  $\frac{1}{4}$ " in size scattered all over matrix with sharp crystals of CHALCOPYRITE to  $\frac{1}{4}$ " in size, and a little crystallised sphalerite and siderite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £23.00
68. PYRITES. Wheal Mary Ann, Menheniot, Cornwall. Bright brassy modified cubic crystals to 5 mm in size thickly covering quartz matrix with a little light brown siderite.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £8.00
69. PYRITES. Kassandra, Chalkidiki, Greece. Very bright brassy sharp cubic crystal with some small crystals attached.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £18.00
70. PYRITES. Quiruvilca, Libertad Dept., Peru. Very bright brassy sharp pyritohedral crystals to  $\frac{1}{2}$ " in size forming an intergrown group with some translucent creamy to greyish Calcite crystals to 1" in size attached on one side.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £15.00
71. QUARTZ. Ankole district, Uganda. Well formed terminated clear glassy prismatic single crystal.  $3\frac{1}{2}$ " long by  $1\frac{1}{2} \times 1\frac{1}{4}$ " across the axis. £4.75p



72. QUARTZ. Camrock Eals Mine, Weardale, Co. Durham. Select lustrous milky sharp pyramidal crystals to  $\frac{3}{4}$ " in size completely covering a dome-shaped matrix. Nice specimen for display.  $4 \times 3\frac{1}{2} \times 3$ ", £8.00
73. QUARTZ. Silvermines, Co. Tipperary, Ireland. Specimen A: Group of intergrown clear sharp terminated tabular crystals to  $\frac{1}{4}$ " in size with a little crystallised dolomite in association.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £6.00. Specimen B: Group of mostly clear sharp terminated tabular crystals to  $\frac{1}{2}$ " in size,  $1\frac{1}{4} \times 1\frac{1}{2} \times 1$ ", £2.50p
74. RENARDITE. Mine la Pave, Grury, Saone-et-Loire, France. Small yellowish crystals lining cavities and joints in limonitic gossany matrix with minor lighter yellow crystallised Parsonsite.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £6.00. Specimen B: As specimen A:  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £2.50p
75. RHODOCHROSITE. N'Chwaning Mine, Kalahari district, S. Africa. Orangey-red scalenohedral crystals to 8 mm in size intergrown on matrix with odd small bright black crystals of manganite.  $1\frac{3}{4} \times 1\frac{1}{2}$ ", £9.00
76. RHODOCHROSITE. Mendip Hills, Somerset. Light pink botryoidal masses with a crystalline surface lining a  $1\frac{3}{4} \times 1\frac{1}{4}$ " cavity in pyrolusite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.75p
77. SCORODITE. Hemerdon Mine, Plympton, Devon. Sharp bright bluish-green crystals and crystal rosettes to 3 mm in size lining and scattered in cavities in quartz.  $1\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
78. SIDERITE. Epimorphous after CALCITE. Wheal Owles, St. Just, Cornwall. Hollow casts of light brown siderite after rhombic calcite crystals to 1 cm in size scattered on cellular irony matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
79. NATIVE SILVER. Kearsage Mine, Keweenaw Pen., Michigan, U.S.A. Pure dark tarnished hackly metallic mass.  $1\frac{1}{2} \times 1$ ", £4.75p
80. SKUTTERUDITE. Oua Azzer, Djebel Sarhro, Morocco. Bright silvery-grey sharp modified cubic crystals to  $\frac{1}{4}$ " in size thickly intergrown on matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
81. SMITHSONITE. Sheshdonnell Mine, Co. Clare, Ireland. Choice bright yellowish-green silky mass with a botryoidal surface thickly covering limestone matrix.  $4 \times 2\frac{1}{2} \times 2$ ", £11.00
82. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Fine sharp translucent creamy coloured rhombic crystals to over  $\frac{1}{2}$ " in size intergrown on matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.00
83. SMITHSONITE. Vieille Montagne Mines, Ardennes, Belgium. Unusual creamy to brownish masses with a distinct 'herring bone' structure. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen B:  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{3}{4}$ ", £2.50p
84. SPECULARITE. Florence Mine, Egremont, Cumberland. Bright black sparkling platy crystals thickly covering hematite matrix with sharp doubly-terminated clear QUARTZ crystals to 8 mm in size and odd clusters of creamy saddle-shaped DOLOMITE crystals.  $3\frac{1}{4} \times 2\frac{1}{2} \times 2$ ", £16.00
85. SPHALERITE. Breconsike Vein, Burtree Pasture Mine, Weardale, Co. Durham. Bright black composite crystals to  $\frac{1}{4}$ " in size intergrown and scattered on crystals of milky quartz with a later deposition of creamy crystallised Calcite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
86. SPHALERITE. Wheal Jane, Kea, Cornwall. Lustrous black well formed crystals to 8 mm in size associated with slender milky Quartz crystals to  $\frac{3}{4}$ " in length on matrix.  $2\frac{1}{4} \times 1\frac{3}{4} \times 1$ ", £3.75p
87. SPHALERITE. Boxter Springs, Cherokee Co., Kansas, U.S.A. Lustrous black large sharp single composite crystal.  $1\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
88. SPHALERITE. Trece, Kansas, U.S.A. Lustrous brownish-black large composite crystals to 2" in size intergrown on matrix with brassy well formed CHALCOPYRITE crystals to 5 mm in size scattered all over the crystals of Sphalerite.  $4\frac{1}{2} \times 4\frac{1}{4} \times 2\frac{1}{2}$ ", £18.00
89. STANNITE. East Pool Mine, Illogan, Cornwall. Tarnished metallic grey masses with silvery arsenopyrite, blackish wolframite and quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £2.25p



90. STIONITE. Wheal Prosper, St. Ewe, Cornwall. Rich silvery-grey bladed mass with quartz and creamy to yellowish stibiconite.  $3 \times 2 \times 1\frac{1}{4}$ ", £3.75p
91. SVANBERGITE. Dover Mine, Mineral Co., Nevada, U.S.A. Light brownish masses in matrix with minor amounts of pyrophyllite. Specimens priced according to richness. Specimen A:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen B:  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen C:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p. Specimen D:  $1 \times 1$ ", £1.25p
92. TANTALITE. Wodgina, W. Australia. Solid brownish-black masses with a crystalline upper surface. Specimen A:  $2\frac{1}{2} \times 2 \times 1$ ", £4.75p. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £3.50p. Specimen C:  $1 \times 1$ ", £1.25p
93. TETRAHEDRITE. Castro Virreyra Mine, near Lima, Peru. Bright silvery-grey sharp crystals to  $\frac{1}{2}$ " in size associated with slender milky to clear QUARTZ crystals to 1" in length, small bright brassy PYRITES crystals, and a little brown crystallised SPHALERITE, all covering a quartz matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £15.50p
94. TETRAHEDRITE. Herodsfoot Mine, Lanreath, Cornwall. Sharp chalcopyrite-coated crystals to 8 mm in size intergrown and scattered on matrix with pyramidal Quartz crystals and dull grey crystallised Galena.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
95. TOPAZ. Rop Tin Mine, Jos, Nigeria. Rolled pale ice-blue to colorless transparent pebbles from an alluvial deposit.  $\frac{1}{2}$ " to 1" in size, £0.40p to £1.50p each.
96. TYROLITE. Falkenstein, Tyrol, Austria. Light green feathery crystals covering areas of quartz matrix with minor azurite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £5.00
97. VANADINITE. Mibladen, Atlas Mts., Morocco. Bright reddish sharp hexagonal crystals to 7 mm in size scattered over a light coloured matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
98. VOLDOORTHITE. Navajo Co., Arizona, U.S.A. Rich yellowy-green crusts of crystals covering large areas of matrix. Specimen A:  $2 \times 2 \times 1$ ", £9.00. Specimen B:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
99. WOLFRAMITE. Wheal Jane, Kew, Cornwall. Small sharp black needle crystals lining cavities in quartz/sphalerite/galena/pyrites matrix.  $2 \times 1\frac{1}{2} \times 1$ ", £2.50p
100. WOLFRAMITE. Wheal Kitty, St. Agnes, Cornwall. Bright black bladed masses with milky quartz covering slate.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
101. WOLFRAMITE. Bedford United Mine, near Tavistock, Devon. Bright black bladed masses embedded in quartz with minor tourmaline.  $3 \times 2\frac{1}{2} \times 2$ ", £2.75p
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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.

NOVEMBER 1980

1. ACTINOLITE. Untersalzbachtal, Austria. Lustrous dark green bladed crystals forming an intergrown mass with minor schist matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00
2. ADAMITE. Mina Ojuela, Mapimi, Durango, Mexico. Choice lustrous transparent to translucent yellowish to lime green sharp terminated crystals aggregated in sprays to  $\frac{3}{4}$ " in size, and scattered all over a cellular limonitic matrix. Fine display specimen.  $4\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ", £30.00
3. ALMANDINE GARNET. Fort Wrangell, Stikine River, Alaska. Fine lustrous deep red sharp crystal  $\frac{3}{4}$ " in size implanted on schist matrix.  $3 \times 2 \times 1\frac{1}{4}$ ", £8.00
4. ANATASE. Cavradi, Graubunden, Switzerland. Sharp bright bluish-black crystals to 4 mm in size scattered over matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £16.00
5. APATITE. Cerro de Mercado, Durango, Mexico. Specimen A: Sharp transparent light yellow crystals and crystal sections to  $\frac{3}{4}$ " in length scattered on and partly embedded in a cellular chalcedony matrix.  $3\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £14.00. Specimen B: Sharp transparent light yellow crystals to  $\frac{3}{4}$ " in length scattered on matrix with a little Quartz and well formed dark brownish crystals of Martite to  $\frac{1}{2}$ " in size.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
6. APATITE. Panasqueira, Beira-Beixa, Portugal. Fine sharp transparent to translucent light greenish hexagonal crystals to  $1\frac{1}{2}$ " in diameter associated with well crystallised silvery ARSENOPYRITE and small creamy crystals of DOLOMITE, all covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £18.00
7. APOPHYLITE. Poona, India. Transparent lime-green spray of sharp terminated crystals  $\frac{3}{4}$ " in size implanted on matrix with a little creamy-white crystallised Stilbite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
8. ARAGONITE. Duckfastleigh, Devonshire. Transparent colourless sharp spear-like crystals forming a divergent spray with no matrix attached. Largest crystal  $\frac{3}{4}$ " in length, overall size  $1 \times 1$ ", £3.50p
9. ARAGONITE. Tazoula, Atlas Mts., Morocco. Select orangey-red sharp pseudo-hexagonal crystals to  $\frac{1}{2}$ " in size forming a ball-like group.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.50p
10. AZURITE. Tsumeb, Otavi, S.W. Africa. Bright blue sharp terminated crystals to  $\frac{1}{2}$ " in length lining large cavities in chalcocite matrix, together with a little green botryoidal Malachite.  $3 \times 2 \times 1\frac{1}{2}$ ", £12.00
11. BARYTES. Crougarth Mine, Frizington, Cumberland. Specimen A: Choice transparent to translucent large very pale bluish to grey terminated tabular crystals to 2" in size intergrown and scattered on crystallised Dolomite matrix.  $5 \times 4 \times 2\frac{1}{4}$ ", £28.00 Specimen B: Sharp translucent greyish tabular terminated crystals to  $1\frac{1}{4}$ " in size intergrown all over limonitic matrix.  $3 \times 2\frac{3}{4} \times 2\frac{1}{4}$ ", £14.00



12. BARYTES. Silverband Mine, Dun Fell, Westmoreland. Large sharp transparent to translucent colourless glassy crystals to  $\frac{1}{2}$ " in size forming an intergrown group.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
13. BARYTES. Iglesias, Sardinia. Transparent golden coloured sharp tabular crystals to  $\frac{1}{2}$ " in size thickly covering a cellular matrix.  $4 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £9.00
14. BARYTES. Old Gong Mines, Swaledale, Yorkshire. Lustrous creamy-white sharp tabular crystals to  $\frac{1}{2}$ " in size thickly covering matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £7.00
15. BARYTOCALCITE. Blagill Mine, Alston Moor, Cumberland. Sharp creamy coloured terminated crystals to  $\frac{1}{4}$ " in length lining a  $\frac{1}{4} \times 1$ " cavity on the surface of massive barytocalcite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
16. BERYL. Governador Valadares, Minas Gerais, Brazil. Well formed translucent light blue hexagonal crystal section  $\frac{1}{4}$ " in length partly embedded in milky quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £2.50p
17. BERYL variety EMERALD. Habachtal, Untersalzbachtal, Austria. Specimen A: Select sharp translucent green hexagonal crystal 8 mm in length partly embedded in mica schist.  $2 \times 1\frac{1}{2} \times 1$ ", £12.00. Specimen B: Sharp transparent to translucent green hexagonal crystals growing in parallel and 15 mm in length, partly embedded in mica schist.  $3 \times 2 \times 1\frac{1}{2}$ ", £14.00
18. DOLEITE. Doleo, Baja California, Mexico. Specimen A: Sharp bright blue cubic crystals to nearly 5 mm in size scattered on and partly embedded in matrix with areas of greenish Atacamite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00. Specimen B: Sharp bright blue cubic crystals to 3 mm in size partly embedded in creamy-white selenite matrix.  $2 \times 1 \times 1$ ", £14.00
19. DOURNONITE. Julcani Mine, near Lima, Peru. Very fine large silvery-grey twinned tabular sharp crystals to  $\frac{1}{2}$ " in size scattered all over matrix with sharp silvery-grey crystals of Tetrahedrite to 1" in size, and a little crystallised Sphalerite and Galena. Parts of the surface are invested with aggregates of creamy crystallised Dolomite and odd translucent well formed Calcite crystals. Excellent specimen for museum or cabinet display.  $6 \times 5 \times 2\frac{1}{2}$ ", £350.00
20. BRAZILIANITE. Conselheira Pena, Minas Gerais, Brazil. Sharp transparent to translucent lime-green crystals to 1" in size forming an intergrown group.  $2\frac{1}{2} \times 2 \times 1$ ", £24.00
21. BROOKITE. Magnet Cove, Arkansas, U.S.A. Sharp blackish cyclic twinned single crystal.  $20 \times 18 \times 18$  mm, £12.00
22. BRUCITE. Tilly Foster Mine, Putnam Co., New York, U.S.A. Select pale greenish to creamy well formed crystals to 1 cm in size intergrown on a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area of crystalline brucite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
23. CALCITE. Stank Mine, Ulverston, Lancashire. Sharp transparent lustrous terminated crystals to 1" in size, some with a faint reddish tinge due to inclusions of hematite, thickly intergrown on matrix. Nice display specimen.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ", £38.00
24. CALCITE. Sweetwater Mine, Ellington, Missouri, U.S.A. Specimen A: Sharp transparent elongated terminated hexagonal crystals to nearly  $1\frac{1}{2}$ " in length and of a pale golden colour, scattered over and free-standing on matrix with small crystals of creamy Dolomite and golden Chalcopyrite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £16.00. Specimen B: Sharp transparent elongated terminated crystals to 1" in size associated with creamy crystals of Dolomite and a little octahedral crystallised Galena.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
25. CALCITE. Wheal Cook, St. Just, Cornwall. Lustrous creamy rounded aggregates of small crystals in parallel growth to over  $\frac{1}{4}$ " in size, richly scattered all over crystallised Quartz matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £5.00
26. CALCITE. Elk Co., South Dakota, U.S.A. Lustrous golden-yellow sharp crystals to 1 cm in size thickly covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £7.00
27. CASSITERITE variety RUBY TIN. Pedn-an-Drea Mine, Redrúth, Cornwall. Sharp lustrous reddish crystals to 4 mm in size lining a  $1\frac{1}{2} \times 2$ " cavity in solid reddish-brown cassiterite matrix. An old label is attached to the specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £24.00
28. CASSITERITE. Blue Hills Mine, St. Agnes, Cornwall. Rich dark brown crystalline mass with small sharp crystals lining cavities, and a little golden pyrites in places.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £3.75p



29. CASSITERITE variety WOOD TIN. Great Wheal Vor, Breage, Cornwall. Concentrically banded light to dark brown mass with the surface covered with small, sharp lustrous blackish 'separable' crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £23.00
30. CERARGYRITE. Chanarcillo, Atacama district, Chile. Olive coloured greasy elongated mass implanted in a 1" cavity in calcite matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p
31. CERUSSITE. Mbladen, Atlas Mts., Morocco. Sharp lustrous translucent glassy twinned crystals to  $\frac{1}{2}$ " in size dotted on matrix with creamy-white bladed crystals of Barytes.  $3 \times 2 \times 1\frac{1}{4}$ ", £14.00
32. CHALCEDONY. Penlee Qry., Newlyn, Cornwall. Translucent colourless botryoidal and stalactitic mass thickly covering quartz matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £4.75p
33. CHALCOPYRITE. Dampfyld Mine, North Molton, Devonshire. Solid dark brassy heavy mass with the surface showing bright green feathery Malachite. Very rich old ore sample.  $4\frac{1}{2} \times 3\frac{1}{4} \times 2\frac{1}{2}$ ", £8.00
34. CHALCOPYRITE. Picher, Oklahoma, U.S.A. Sharp bright brassy spenoidal crystals to 5 mm in size richly scattered over creamy to light pink curved crystals of Dolomite thickly covering matrix.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
35. CHALCOSIDERITE. Phoenix Mine, Linkinhorne, Cornwall. Lustrous dark green small sharp crystals and crystal rosettes thickly covering matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £24.00
36. CHRYSOBERYL. Collintina, Minas Gerais, Brazil. Gemmy transparent sharp pale yellowy-green cyclic twinned single crystal.  $13 \times 12 \times 7$  mm, £28.00
37. COLUSITE. Tramway Mine, Butte, Montana, U.S.A. Rich bronzey metallic masses with quartz and pyrites.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
38. CORNWALLITE. South Caradon Mine, St. Cleer, Cornwall. Dark green slightly botryoidal crusts covering a group of elongated hexagonal quartz crystals and crystal sections.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
39. CORUNDUM. Gallatin, Montana, U.S.A. Sharp greyish-blue hexagonal crystals to over  $\frac{1}{2}$ " in size partly embedded in gneiss matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1"$ , £7.00
40. CUPRITE. Marke Valley Mine, Linkinhorne, Cornwall. Specimen A: Choice cellular mass of bright reddish sharp octahedral crystals to 2 mm in size.  $2\frac{1}{4} \times 2 \times 2$ ", £24.00. Specimen B: Bright deep red crystalline mass with small octahedral crystals in cavities associated with much green fibrous Malachite.  $2 \times 1 \times 1$ ", £4.75p
41. CUPRITE variety CHALCOTRICHITE. Phoenix Mine, Linkinhorne, Cornwall. Bright red needle crystals richly covering the surface of irony matrix with traces of green malachite, with some chalcotrichite also on the reverse side.  $3 \times 2 \times 1\frac{1}{2}$ ", £38.00
42. DATOLITE. Patterson, New Jersey, U.S.A. Sharp transparent glassy crystals to 8 mm in size intergrown on matrix with a little crystallised Stilbite.  $2\frac{1}{4} \times 2$ ", £7.00
43. DIOPTASE. Tsumeb, Otavi, S.W. Africa. Bright emerald green sharp crystals to 3 mm in size richly scattered all over olive-green MOTTAMITE matrix.  $2 \times 1\frac{1}{4}$ ", £9.00
44. DUFRENITE. Phoenix Mine, Linkinhorne, Cornwall. Dark greenish flat radiating spherical aggregates to 1 cm in diameter covering areas of matrix.  $4 \times 3\frac{1}{2} \times 2$ ", £18.00
45. EMOBLITE. Broken Hill, N.S. Wales, Australia. Minute sharp olive-green crystals scattered on cellular psilomelane covering matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.50p
46. EOSPHORITE. Pimental Mendez, Minas Gerais, Brazil. Sharp light brown terminated crystals to 4 mm in length intergrown on a  $1 \times \frac{1}{4}$ " area of well crystallised ROSE QUARTZ.  $2 \times 1\frac{1}{4} \times 1"$ , £18.00
47. EUCHROITE. Libethen, Hungary. Specimen A: Dark green small crystalline patches and crystals sparsely scattered in crevices in mica schist.  $1\frac{1}{4} \times 1 \times 1"$ , £6.00. Specimen B: Dark green crystalline area  $\frac{3}{4} \times \frac{1}{4}$ " on one side of mica schist matrix.  $2 \times 1\frac{1}{2}$ ", £4.75p
48. FLUORITE. Cammock Gals Mine, Weardale, Co. Durham. Sharp transparent pale greenish to purple cubic crystals to  $\frac{1}{4}$ " in size scattered and intergrown on a honeycomb mass of small Quartz crystals.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £9.00
49. FLUORITE. Bingham, New Mexico, U.S.A. Light blue transparent cubic crystals to over 1 cm in size intergrown all over matrix with a little bladed barytes in association.  $2\frac{1}{4} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £8.00



50. GALENA. West End Mine, Minera, Denbighshire. Specimen A: Unusual greyish metallic mass showing a pronounced 'hacked' structure, with small quartz crystals and odd bright orangey sharp crystals of ruby-sphalerite on the reverse side.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £3.50p. Specimen B: Metallic grey mass showing unusual 'hacked' form.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ", £1.75p
51. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Sharp silvery-grey octahedral crystals to  $\frac{1}{2}$ " in size scattered over matrix with a solitary sharp cubic crystal, and two sharp transparent terminated hexagonal Calcite crystals, the larger being  $1$ " in size.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £23.00
52. GOETHITE. Dulcote Qry., Wells, Somerset. Bright blackish rod-like crystals richly scattered on wall formed creamy rhombic CALCITE crystals to  $\frac{1}{2}$ " in size lining a large cavity, with some pyramidal Quartz crystals, in a potato-stone. Cavity  $3\frac{1}{2} \times 2\frac{1}{2}$ ", overall size  $4 \times 3\frac{1}{2} \times 3$ ", £8.00
53. NATIVE GOLD. Clogau Mine, near Dolgellau, N. Wales. Rich golden flakes on joints in quartz and slate.  $1 \times \frac{1}{2} \times \frac{1}{2}$ ", £7.00
54. GROSSULAR GARNET variety HESSONITE. Jeffrey Pit, Asbestos, Quebec, Canada. Sharp gemmy transparent peach coloured crystals to nearly  $\frac{1}{4}$ " in size scattered over matrix with crystallised Biopside.  $2 \times 2$ ", £6.00
55. GYPSUM variety SELENITE. Kapnik, Rumania. Fine sharp creamy-white groups and rosettes of tabular crystals to  $1\frac{1}{2}$ " in size scattered all over a cavernous creamy coloured crystallised Calcite matrix. Nice display specimen.  $7 \times 5 \times 2\frac{1}{2}$ ", £24.00
56. HEULANDITE. Old Kilpatrick, Dumbarton, Scotland. Lustrous brick-red sharp crystals to nearly 1 cm in size intergrown on one end of matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £7.00
57. KYANITE. Pizzo Forno, Tessin, Switzerland. Light blue transparent to translucent sharp bladed crystals to  $1\frac{1}{4}$ " in length embedded in schist matrix with sharp brownish crystals of Staurolite.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
58. LEADHILLITE. Redgill Mine, Caldbeck Fells, Cumberland. Small sharp pearly-white plates and crystals covering one end of quartz matrix with a little blue linarite, and with cavities on one side showing good sharp individual crystals of leachillite.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00
59. MAGNETITE. Traversella, Piedmont, Italy. Bright black sharp crystals to 5 mm in size thickly lining cavities to  $2$ " in size in magnetite matrix.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £14.00
60. MALACHITE. Concepcion del Oro, Zacatecas, Mexico. Bright green needly crystals richly scattered all over brown limonitic matrix with a little drusy crystallised quartz.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00
61. METASTRENGITE. Oull Moose Mine, Custer Co., S. Dakota, U.S.A. Specimen A: Rose coloured sharp lustrous transparent crystals to 4 mm in size scattered in cavities in dark blackish to greenish CARBOSALITE matrix with a little Pyrites, with a 4 mm sized lavender crystal of Phosphophyllite in one cavity.  $3\frac{1}{2} \times 2 \times 2$ ", £16.00 Specimen B: Sharp rose coloured transparent crystals to 4 mm in size scattered in cavities in CARBOSALITE matrix with pyrites.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00
62. MICROCLINE. Pikes Peak, Colorado, U.S.A. Sharp creamy coloured terminated crystals to  $2$ " in size forming an intergrown group.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
63. MINETITE. Tsumeb, Otavi, S.W. Africa. Lustrous yellowy elongated crystals to 8 mm in length scattered on matrix with odd blue crystals of Azurite.  $3\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
64. MINETITE variety CAMPYLITE. Drygill, Caldbeck Fells, Cumberland. Bright orangey sharp barrel-shaped crystals to 4 mm in diameter encrusting quartz matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £14.00
65. MUSCOVITE. Telemark, Norway. Sharp hexagonal crystal books to  $1\frac{1}{4}$ " in size with a little quartz.  $2 \times 2 \times 1\frac{1}{4}$ ", £3.50p
66. NEPTUNITE. San Benito Co., California, U.S.A. Fine bright blackish sharp elongated terminated crystals to  $1\frac{1}{2}$ " in length partly embedded in creamy-white natrolite and serpentine matrix with odd small crystals of brown JOAQUINITE and a little blue crystalline BENITOITE.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £38.00
67. OLIVENITE. Majuba Hill, Pershing Co., Nevada, U.S.A. Lustrous olive-green elongated crystals to 5 mm in length scattered over limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £8.00



68. PSEUDOBOLLEITE. Colco, Baja California, Mexico. Specimen A: Fine deep blue sharp bolleite crystals to  $\frac{1}{4}$ " in size with overgrowths of pseudobolite, partly embedded in matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £38.00. Specimen B: Sharp deep blue bolleite crystal 5 mm in size with overgrowths of pseudobolite, implanted on matrix. 1" specimen. £14.00
69. PYRITES. Wheal Jane, Kew, Cornwall. Sharp bright brassy octahedral crystals to  $\frac{1}{4}$ " in size intergrown on matrix.  $2 \times 1\frac{1}{4} \times 1$ ", £5.00
70. PYRITES. Rio Marina, Elba, Italy. Sharp bright brassy single pyritohedral crystal.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £2.50p
71. QUARTZ. Wheal Jane, Kew, Cornwall. Sharp transparent slender glassy crystals to 1" in length free-standing all over quartz matrix with a little crystallised Pyrites in association.  $4 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £9.00
72. QUARTZ. Consolidated Mines, Guennep, Cornwall. Large sharp milky terminated crystals showing parallel growth of their sides, to 2" in size, intergrown on quartz matrix. Good specimen for display.  $3\frac{1}{2} \times 3 \times 3$ ", £12.00
73. SMOKY QUARTZ. Governador Valadares, Minas Gerais, Brazil. Two large bright smoky coloured bi-pyramidal crystals interlocking together. Each crystal is approx  $2\frac{1}{2} \times 2\frac{1}{2}$ " in size. Overall size  $4\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ", £14.00
74. QUARTZ variety AMETHYST. Las Vigas, Guerrero, Mexico. Fine transparent light purple sharp elongated terminated crystal 1" in length, perched on matrix with several smaller pale purple to milky crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £14.00
75. RAMMELSBERGITE. Cobalt, Ontario, Canada. Rich bronze masses with silvery Rammelsbergite on and in matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
76. RHODONITE. Broken Hill, N.S. Wales, Australia. Raspberry-red crystal sections embedded in galena and sphalerite matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.25p.
77. RUBY CORUNDUM. Matabatu Mts., Tanzania. Bright raspberry-red crystal sections to  $\frac{1}{2}$ " in size embedded in greenish zoisite matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.50p
78. RUTILE. Graves Mountain, Georgia, U.S.A. Sharp lustrous reddish-brown single crystal with minor matrix attached on one side.  $\frac{3}{4} \times \frac{3}{4} \times \frac{3}{4}$ ", £12.00
79. SCORODITE. Hingston Down Consols Mine, Colstock, Cornwall. Rich pale greenish crystalline and botryoidal crusts lining cavities in quartz and arsenopyrite with a little Arthursite, on fine grained granite matrix. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen B:  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.75p
80. SEMSEYITE. Owlch Mine, Deganwy, Caernarvonshire. Rich greyish metallic masses with silvery bladed STIBONITE in quartz and dolomite matrix. Very rich specimens for this occurrence. Specimen A:  $3\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £6.00. Specimen B:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p. Specimen C: - with thin crusts of yellow stibiconite -  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p
81. SIDERITE. St. Hilaire, Quebec, Canada. Large sharp light brown rhombic crystals to 1" in size scattered on matrix with much well crystallised creamy ALDITE.  $4 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £16.00
82. SIDERITE. Morro Velho Goldmine, Ouro Preto, Minas Gerais, Brazil. Choice lustrous light brown sharp lenticular crystals to 1" in size forming an intergrown group with odd minute sharp brassy crystals of Pyrrhotite.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £9.00
83. NATIVE SILVER. Guereajuato, Mexico. Bright silvery spongy and crystalline mass with creamy calcite.  $1 \times 1$ ", £3.50p
84. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Sharp light orangey rhombic crystals to  $\frac{1}{2}$ " in size thickly intergrown on matrix with a partial encrustation of light blue crystalline Linarite.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £14.00
85. SPHALERITE variety RUDY OLENDE. Treeco, Kansas, U.S.A. Large sharp lustrous dark reddish translucent to transparent crystals to  $\frac{1}{2}$ " in size scattered all over matrix with a little creamy curved crystals of Dolomite.  $4\frac{1}{2} \times 4 \times 1\frac{1}{4}$ ", £28.00
86. SPHALERITE variety RUDY OLENDE. Silvermines, Co. Tipperary, Ireland. Small sparkling bright orangey-red sharp crystals scattered over crystallised dolomite matrix. Specimen A:  $3\frac{1}{4} \times 2$ ", £4.75p. Specimen B:  $2 \times 1\frac{1}{2}$ ", £3.00



87. SPHALERITE. Trepca, Yugoslavia. Bright black sharp crystals to nearly 1" in size associated with brassy Pyrites crystals to  $\frac{1}{4}$ " in size, and numerous small sharp elongated milky Quartz crystals, covering matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £16.00
88. SPHENE. Val Cristallina, Graubunden, Switzerland. Sharp olive-green terminated crystals to  $\frac{1}{2}$ " in size implanted on well crystallised Adularia and scales of Chlorite covering matrix.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £14.00
89. STANNITE. Hingston Down Consols Mine, Colstock, Cornwall. Very rich greyish metallic masses with minor silvery arsenopyrite and scales of muscovite mica. Specimen A:  $4 \times 3\frac{1}{4} \times 2\frac{1}{4}$ ", £11.00. Specimen B:  $3 \times 2\frac{1}{2} \times 1\frac{3}{4}$ ", £6.00. Specimen C:  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ", £4.75p
90. STEPHANITE. Příbram, Bohemia, C.S.S.R. Silvery-grey well formed crystals to 3 mm in size with dark reddish Pyrrargyrite crystals scattered on calcite infilling a 1" cavity in matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £7.00
91. STICHITE. Felsobanya, Rumania. Bright silvery-grey divergent sprays of sharp needle crystals interlocking together.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ", £8.00
92. STILOITE. Poona, India. Choice lustrous light pinkish sheaves of well formed crystals to  $\frac{1}{4}$ " in size forming an intergrown group.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £12.00
93. NATIVE SULPHUR. Agrigento, Sicily, Italy. Choice transparent lemon-yellow sharp crystals to  $\frac{3}{4}$ " in size implanted on a cellular crystallised calcite matrix with much brownish-black natural bitumen.  $4 \times 2\frac{3}{4} \times 2\frac{3}{4}$ ", £20.00
94. TETRAHEDRITE. Herodsfoot Mine, Lanreath, Cornwall. Well formed crystals to 1 cm in size coated with brassy Chalcopyrite, lining a 2x1" cavity on one side of galena and tetrahedrite matrix, with other smaller cavities also lined with crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £18.00
95. TOPAZ. Schnuckenstein, Saxony, Germany. Pale golden to colourless terminated clear crystals and crystal sections to  $\frac{1}{4}$ " in size with clear Quartz crystals covering matrix.  $2\frac{1}{2} \times 2 \times 1\frac{3}{4}$ ", £7.00
96. TOPAZ. Karoi, Rhodesia. Seldom transparent light blue well formed single crystal.  $1 \times 1 \times \frac{1}{2}$ ", £9.00
97. TORDERNITE. Roughton Mine, Bodmin Moor, Cornwall. Bright green small sharp tabular crystals richly covering areas of ferruginous matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £8.00
98. TORDERNITE. Mine Bois Noir, St. Priest-la-Prugne, Loire, France. Bright green sharp platy crystals intergrown on areas on one side of matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £14.00
99. TOURMALINE. Karibib, S.W. Africa. Transparent to translucent dark olive-green elongated crystal sections to nearly 2" in length embedded in milky quartz.  $3 \times 2\frac{3}{4} \times 2$ ", £6.00
100. TOURMALINE variety RUDELLITE. Stewart Lithium Mine, Pala, California, U.S.A. Choice raspberry-red elongated crystal sections to over 1" in length richly scattered in pale lavender coloured lepidolite matrix. Specimen A:  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £9.00. Specimen B:  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £6.00. Specimen C:  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p. Specimen D:  $2 \times 1 \times 1$ ", £3.50p
101. VARLAMOFFITE. Dunny Mine, St. Austell, Cornwall. Rich light creamy-yellow masses with minor blue turquoise and quartz. Specimen A:  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen B:  $1\frac{1}{4} \times 1\frac{1}{2}$ ", £1.75p
102. TOURMALINE variety ELBAITE. Cruzeiro Mine, Minas Gerais, Brazil. Translucent sharp terminated crystal grading from a light bluish-green colour to raspberry-red at it's tip.  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis. £24.00
103. VOLDORHITE. Navajo Co., Arizona, U.S.A. Lime green crystallised crusts and patches on mudstone matrix. Specimens priced according to richness. Specimen A:  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £12.00. Specimen B:  $2 \times 1\frac{1}{4}$ ", £8.00. Specimen C:  $1 \times 1$ ", £4.75p
104. WOLFRAMITE. Castle-an-Dinas Mine, St. Columb, Cornwall. Bright black bladed mass with milky quartz.  $4 \times 2\frac{1}{4} \times 2$ ", £8.00
105. WULFENITE. Los Lamentos, Chihuahua, Mexico. Choice sharp bright orangey blocky crystal  $15 \times 10$  mm in size perched on calcite matrix with minute crystals of light brown Endlicofite.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00
106. ZINKENITE. Poopo, Oruro, Bolivia. Very rich silvery-grey fibrous masses with metallic grey tetrahedrite. Specimen A:  $3 \times 2 \times 1\frac{1}{2}$ ", £14.00. Specimen B:  $2\frac{1}{2} \times 2$ ", £8.00



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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 1980

1. AIKINITE. Boundary Park, Esmeralda Co., Nevada, U.S.A. Specimen A: Greyish metallic bladed crystal with a slight alteration rind in places,  $1\frac{1}{2}$ " in length, embedded in milky quartz.  $3 \times 2 \times 1\frac{1}{2}$ ", £14.00. Specimen B: Partly altered bladed crystal  $\frac{3}{4}$ " in length embedded in quartz.  $2 \times 2 \times 1$ ", £8.00. Specimen C: greyish crystal sections with an alteration rind embedded in quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p. Specimen D: Small greyish and partly altered crystal sections in quartz. 1" pieces, £1.25p each.
2. ANATASE. Blaenau Ffestiniog, N. Wales. Sharp lustrous blackish composite crystals to 2 mm in size implanted on matrix with Albite & Quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £2.50p
3. ANGLESITE. Broken Hill, N.S. Wales, Australia. Bright sharp transparent colourless crystals to 4 mm in size richly lining cavities in cellular masses of interlocking bladed CERUSSITE crystals. Specimen A:  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £14.00. Specimen B:  $2 \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen C:  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00. Specimen D:  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.50p
4. APATITE variety FRANCOLITE. Holmbush Mine, Stoke Climsland, Cornwall. Very choice pure creamy-white honeycomb masses with the cavities lined with velvet-like crystals, and with odd fragments of green fluorite. Specimen A:  $4 \times 3 \times 2$ ", £11.00. Specimen B:  $2\frac{1}{2} \times 2 \times 2$ ", £6.00. Specimen C:  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £3.50p
5. ATACAMITE. Mina la Farola, Copiapo, Chile. Choice lustrous dark green radiating masses of sharp crystals to 5 mm in length richly covering a bluish-green CHRYSOCOLLA matrix.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £26.00
6. AXINITE. Colebrook Mine, Rosebery, Tasmania, Australia. Specimen A: Sharp lustrous clove-brown crystals to  $\frac{1}{4}$ " in size richly scattered in large cavities in matrix with quartz crystals and a little greenish actinolite.  $3\frac{1}{2} \times 2\frac{1}{4} \times 2$ ", £14.00. Specimen B: Lustrous sharp clove-brown crystals to over  $\frac{1}{4}$ " in size lining a  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity in matrix with silvery Arsenopyrite crystals and Quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £8.00
7. AZURITE. Proprietary Mine, Broken Hill, N.S. Wales, Australia. Small sharp bright blue sparkling crystals to 3 mm in size thickly covering matrix with a little velvety green Malachite. Very showy specimen.  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ", £58.00
8. BARYTES. Settlingstones Mine, Hexham, Northumberland. Fine lustrous creamy-white sharp wedge-shaped crystals to  $\frac{1}{2}$ " in size completely covering matrix. Good display piece.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ", £24.00
9. BARYTES. Ale & Cakes Mine, Gwennap, Cornwall. Lustrous greyish tabular crystals to nearly  $\frac{1}{4}$ " in length aggregated in groups and scattered over milky pyramidal Quartz crystals.  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £18.00



10. BARYTES. Hailemoor Mine, near Egremont, Cumberland. Lustrous creamy to pinkish sharp tabular crystals to over  $\frac{1}{2}$ " in size thickly intergrown on hematite matrix.  $3\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{1}{2}$ ", £9.00
11. BEAVERITE. Horn Silver Mine, Beaver Co., Utah, U.S.A. Rich yellowish mass with patches of light blue caledonite and a little cerussite.  $1\frac{1}{2} \times 1 \times 1$ ", £4.75p
12. BENITOITE. San Benito Co., California, U.S.A. Large sharp translucent bluish crystals to over  $\frac{1}{2}$ " in size implanted on serpentine matrix with creamy natrolite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £58.00
13. BISMUTHINITE. Shap Quarry, Shap, Westmoreland. Silvery-grey foliated and bladed crystalline mass  $1\frac{1}{2} \times 1$ " on granite with quartz and pyrites.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £8.00
14. BORNITE after CHALCOCITE. Wheal Buller, Redruth, Cornwall. Unusual iridescently tarnished bornite replacing tabular and rod-like chalcocite crystals to over  $\frac{1}{4}$ " in size intergrown on matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ", £18.00
15. CALCITE. Botallack Mine, St. Just, Cornwall. Lustrous creamy-white sharp platy hexagonal crystals and crystal rosettes to nearly  $\frac{1}{4}$ " in diameter, thickly covering quartz matrix.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2$ ", £16.00
16. CALCITE. Magpie Mine, Sheldon, Derbyshire. Sharp lustrous creamy-white translucent scalenohedral crystals to 1" in size, in parallel growth and two larger interlocking calcite crystals. An unusual and interesting specimen.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £9.00
17. CALCITE. Tsumeb, Otavi, S.W. Africa. Sharp lustrous transparent to translucent creamy coloured rhombic crystals to  $\frac{1}{4}$ " in size intergrown and dotted all over greenish Duftite-coated matrix. Fine display specimen.  $3\frac{1}{4} \times 2\frac{1}{2} \times 2$ ", £18.00
18. CALCITE variety MANGANO-CALCITE. Zinc Corporation Mine, Broken Hill, N.S. Wales, Australia. Pale creamy to pinkish nail-head crystals to  $\frac{1}{2}$ " in size completely covering a flat matrix. Highly fluorescent under UV.  $5\frac{1}{2} \times 3\frac{1}{2}$ ", £8.00
19. CARROLLITE. Bancroft Mine, Zambia. Rich silvery mass with limonite and calcite.  $1 \times 1$ ", £3.50p
20. CASSITERITE. Aberfoyle, Tasmania, Australia. Sharp, bright blackish twinned single crystal.  $1 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ", £14.00
21. CASSITERITE variety Stream-tin. Goss Moor, Roche, Cornwall. Rounded pebbles of rich dark brown cassiterite and slate. Pebbles each have an old label attached to them, approx  $1\frac{1}{2} \times 1$ " in size, £1.75p each.
22. CELESTITE. Madagascar. Specimen A: Lustrous transparent aquamarine-blue sharp crystals to  $\frac{1}{2}$ " in size thickly intergrown all over matrix. Very attractive specimen.  $3 \times 2\frac{1}{2} \times 2$ ", £24.00. Specimen B: Lustrous transparent aquamarine blue sharp crystals to  $\frac{1}{4}$ " in size, intergrown on matrix.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £4.75p.
23. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Fine glassy transparent to translucent sharp twinned sixling-crystal.  $2 \times 2 \times 1$ ", £18.00
24. CHALCEDONY. North Pool Mine, Illogan, Cornwall. Translucent creamy botryoidal and stalactitic toffee-like mass covering dolomite/chlorite matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £10.00
25. CHALCOPYRITE. Castrovirreyna, near Lima, Peru. Bright golden sharp twinned crystals to over  $\frac{1}{2}$ " in size thickly intergrown on matrix with odd sharp silvery Tetrahedrite crystals, greyish Galena crystals, and brownish Sphalerite crystals.  $3\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ ", £28.00
26. CHALCOPYRITE. Dreisler, Sauerland, Germany. Bright golden sharp crystals to 4 mm in size scattered over creamy-white platy BARYTES crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
27. CHALCOPYRITE. Cooks Kitchen Mine, Illogan, Cornwall. Light brassy chalcopryite replacing elongated rod-like Chalcocite crystals to  $\frac{1}{4}$ " in length intergrown on chalcopryite matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ", £2.75p
28. CINNABAR. Almaden, Ciudad Real, Spain. Lustrous red crystalline masses and crystal sections to 4 mm in size covering areas of quartzite matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
29. CLINOCLASE. Wheal Gorland, St. Day, Cornwall. Deep bluish crystalline masses in cellular quartz, with cavities showing well formed crystals together with a little Olivenite.  $2 \times 1\frac{1}{2} \times 1$ ", £7.00



30. CORNETITE. Qwana Mkubwa, Ndola, Zambia. Crust of minute deep blue sparkling crystals covering malachite matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
31. NATIVE COPPER. Mufulira Mine, Zambia. Bright metallic branching mass of well formed crystals to 5 mm in size, with odd fragments of quartz attached in places.  $3\frac{1}{2} \times 1 \times 1$ ", £12.00
32. CREDNERITE. Mendip Hills, Somerset. Bright blackish platy crystalline masses on and in dark calcite/pyrolusite matrix together with a 1" area of platy crystalline Hydrocerussite.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £9.00
33. CROCOITE. Adelaide Mine, Dundas, Tasmania, Australia. Bright orangey interlocking mass of rod-like crystals to  $\frac{1}{2}$ " in length, with limonitic matrix. Very rich and showy specimen.  $4 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ", £48.00
34. CUPRITE. Wheal Gorland, St. Day, Cornwall. Lustrous deep reddish sharp octahedral crystals to 5 mm in size richly lining large cavities in a crystalline mass of cuprite with quartz and odd small patches of light olive-green crystallised Olivenite.  $4 \times 2\frac{3}{4} \times 1\frac{1}{4}$ ", £78.00
35. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Sharp lustrous deep reddish cubic crystals to over 3 mm in size thickly covering a crystalline mass of cuprite and native copper.  $2 \times 1\frac{1}{2} \times 1$ ", £14.00
36. DANOURITE. Charcas, San Luis Potosi, Mexico. Bright creamy-white sharp terminated crystals to 1" in length thickly covering matrix.  $3 \times 2 \times 1$ ", £14.00
37. DIGENITE. Leonard Mine, Butte, Montana, U.S.A. Very rich tarnished metallic masses with minor pyrites and quartz. Specimen A:  $3 \times 2 \times 1\frac{1}{2}$ ", £9.00. Specimen B:  $2 \times 2 \times 1\frac{1}{4}$ ", £5.00
38. DIOPHASE. Tsumeb, Otavi, S.W. Africa. Small bright emerald-green crystals scattered over creamy translucent sharp rhombic CALCITE crystals together with much lime-green tufts of small DUFTITE crystals.  $3\frac{1}{2} \times 2\frac{1}{2}$ ", £9.00
39. DUFRENITE. Phoenix Mine, Linkinhorne, Cornwall. Dark olive-green globular masses to 3 mm in diameter dotted on limonite covering quartz matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
40. EPIDOTE. Pinos Altos, Baja California, Mexico. Lustrous dark olive-green sharp terminated crystals to  $\frac{1}{4}$ " in size intergrown and scattered all over a crystalline epidote matrix.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £18.00
41. EPIDOTE. Harts Range, N. Terr., Australia. Sharp lustrous dark olive-green crystals to  $\frac{1}{4}$ " in size scattered on matrix.  $1\frac{1}{2} \times 1$ ", £3.50p
42. FLUORITE. Doltsburn Mine, Rookhope, Co. Durham. Sharp transparent light purple cubic crystals to  $1\frac{1}{2}$ " on face edge intergrown together in a  $2\frac{1}{2} \times 2\frac{1}{2}$ " area on matrix, with large bright silvery-grey modified GALENA crystals partly invested with bright milky pyramidal QUARTZ crystals and a little ANKERITE covering the rest of the specimen. The reverse side is encrusted with small creamy Calcite crystals.  $5\frac{1}{2} \times 3 \times 2$ ", £32.00
43. FLUORITE. Trevaunance Mine, St. Agnes, Cornwall. Well formed translucent pale greenish octahedral crystals to nearly  $\frac{1}{2}$ " in size intergrown on matrix, with cavities on the reverse side showing some pale purplish and pale green octahedral fluorites.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ", £16.00
44. FLUORITE. Florence Mine, Egreymont, Cumberland. Transparent light aquamarine-blue cubic crystals to 1 cm in size intergrown on one end of botryoidal hematite matrix with a little creamy crystallised dolomite.  $3 \times 2$ ", £14.00
45. FOGGITE. Milgun Station, W. Australia. Dark brownish patches in a solid light green slightly fibrous vein of VARISCITE.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £8.00
46. GALENA. Greenside Mine, Patterdale, Westmoreland. Bright silvery-grey modified intergrown crystals showing some interesting growth patterns, to  $\frac{1}{2}$ " in size, and with a little creamy crystallised Calcite in association. An old J. Kirkett label dated June, 1882, accompanies the specimen (Kirkett was a mineral dealer in Keswick).  $3\frac{1}{2} \times 2$ ", £14.00
47. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Sharp silvery-grey bright cubic crystal with odd smaller ones attached.  $1\frac{1}{2} \times 1 \times 1$ ", £3.50p



48. GMELINITE. Simmons Bay, Flinders, Victoria, Australia. Specimen A: Large translucent sharp creamy to pale orangey crystals to  $\frac{1}{2}$ " in size scattered and intergrown in a  $2 \times 1\frac{1}{2}$ " cavity in basalt matrix.  $3 \times 2 \times 1\frac{1}{2}$ ", £6.00. Specimen B: Sharp pinky to orangey crystals to 3 mm in size thickly lining a  $\frac{1}{2} \times \frac{1}{2}$ " cavity in basalt, with other smaller cavities also showing crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.75p
49. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Bright blackish sharp rod-like crystals to 5 mm in length scattered and intergrown on a  $2 \times \frac{1}{2}$ " area of cellular quartz matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
50. NATIVE GOLD. Mount Dobby Mine, N.S. Wales, Australia. Thin golden smears on the surface of a mineralised slate matrix. A detailed old label is attached to the specimen.  $3\frac{1}{2} \times 2$ ", £14.00
51. HELLYERITE. Lord Brassey Mine, Heazlewood, Tasmania, Australia. Light greenish platy crystalline masses with Zaratite on serpentine matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
52. HEMIMORPHITE. Golconda Mine, Grassington Moor, Derbyshire. Choice transparent colourless sharp terminated tabular crystals to 4 mm in length thickly covering a barytes matrix. Very rich example for British hemimorphite.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £16.00
53. IDOGRASE. Mte. Rosso, Val d'Aosta, Piedmont, Italy. Bright lustrous transparent to translucent golden-brown crystals to  $\frac{1}{4}$ " in length forming an intergrown group.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.00
54. KAMMERERITE. Kop chrome Mine, Erzincan, Turkey. Specimen A: Bright raspberry-red crystals and crystal sections to 4 mm in size covering large areas of chromite matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00. Specimen B: Sharp transparent raspberry-red crystals to 3 mm in size covering most of the surface of chromite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £9.00. Specimen C: Bright raspberry-red small sharp crystals to over 1 mm in size scattered over both sides of chromite matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £3.75p
55. KYANITE. Carrowtrasna, Co. Donegal, Ireland. Lustrous bluish bladed mass  $2 \times 1$ " in size associated with quartz and mica.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
56. LAZULITE. Papid Creek, Yukon, Canada. Sharp lustrous deep bluish crystals to  $\frac{1}{4}$ " in size scattered on matrix with a little quartz and siderite.  $2 \times 1\frac{1}{2} \times 1$ ", £12.00
57. LIBETHENITE. Mindolo openpit, Kitwe, Zambia. Specimen A: Sharp lustrous very dark green composite octahedral crystals to 1 cm in size implanted on the surface and in a cavity in phyllite matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £18.00. Specimen B: Sharp lustrous very dark green composite octahedral crystal 1 cm in size implanted in a cavity in phyllite matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ", £14.00
58. LOLLINGITE. Castle-on-Dinas Wolfram Mine, St. Columb, Cornwall. Silvery-grey metallic mass with a little quartz.  $2 \times 1\frac{1}{2} \times 1$ ", £2.50p
59. LUDWIGITE. Grosse Mine, Ivrea, Italy. Blackish bladed radiating masses with a little magnetite, pyrrhotite and chlorite.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ", £6.00. Specimen B: As specimen A,  $2\frac{1}{4} \times 2$ ", £3.50p
60. MALACHITE. Owana Mkubwa Mine, Ndola, Zambia. Specimen A: Bright green botryoidal masses with a sparkling crystallised surface, thickly lining numerous large cavities in a brecciated matrix.  $3\frac{1}{2} \times 3 \times 2\frac{1}{4}$ ", £14.00. Specimen B: As specimen A,  $3 \times 2 \times 1\frac{1}{4}$ ", £8.00. Specimen C: Sharp, small deep green crystals covering the surface of botryoidal malachite on matrix.  $2 \times 2$ ", £5.00. Specimen D: Small sharp light to dark green crystals covering parts of the surface of botryoidal malachite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £3.00
61. MALACHITE. Browns Claim, Rum Jungle, N. Terr., Australia. Bright green fibrous and botryoidal mass with a little crystallised Pyromorphite lining cavities.  $1\frac{1}{2} \times 1 \times 1$ ", £2.75p
62. MALACHITE. AZURITE. Sir Domonic Mine, Arkaroola, S. Australia. Cluster of well formed rhombic Azurite crystals to  $\frac{1}{4}$ " in size completely replaced by dark green malachite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £6.00
63. MARCASITE. Blackdene Mine, Weardale, Co. Durham. Bright brassy sharp bladed crystals to 1 cm in size intergrown on a  $1\frac{1}{4} \times 1$ " area of matrix with well crystallised creamy CALCITE.  $2\frac{1}{2} \times 2$ ", £5.75p



64. MENDIPITE. Mendip Hills, Somerset. Specimen A: Very rich fibrous creamy-white to pinkish masses to  $2\frac{1}{2} \times 1\frac{1}{2}$ " in size associated with greyish-black pyrolusite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ " £38.00. Specimen B: Rich fibrous creamy-white mass  $2 \times 1 \times 1$ " with a little pale yellowish Paralourionite in calcite/pyrolusite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00
65. MINETITE variety CAMPYLITE. Drygill Mine, Caldbeck Fells, Cumberland. Sharp hexagonal light orangey crystals to  $\frac{1}{4}$ " in size dotted on blackish psilomelane-coated quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00
66. MOLYBDENITE. Carrock Mine, Caldbeck Fells, Cumberland. Metallic grey foliated plates to  $\frac{1}{2}$ " in size richly scattered in quartz/muscovite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £4.75p
67. MONAZITE. Kempong, Gajah, Malaya. A quantity of light brownish sand in a glass bottle £1.25p
68. MOTTRAMITE. Tsumeb, Otavi, S.W. Africa. Minute sparkling greyish-black crystals thickly covering a crystallised mass of CALCITE. Very rich specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £11.00
69. OLIVENITE. Wheal Unity, Gwennap, Cornwall. Olive-green fibrous radiating mass with a little quartz, and with small cavities lined with crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
70. OLIVENITE. Tsumeb, Otavi, S.W. Africa. Lustrous dark olive-green curved crystals to 5 mm in size dotted on chalcocite with micro crystallised Duftite.  $1\frac{1}{2} \times 1$ ", £9.00
71. ORPIMENT. Quiruvilca, Libertad Dept., Peru. Specimen A: Bright orangey sharp crystals to  $\frac{1}{4}$ " in size thickly covering large areas of quartz/pyrites matrix with odd minute Hutchinsonite crystals in places.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £24.00. Specimen B: Bright orangey-brown sharp crystals to over  $\frac{1}{4}$ " in size thickly covering matrix.  $2\frac{1}{2} \times 2$ ", £12.00
72. ORTHOCLASE altered to KAOLINITE. Hensbarrow Moor, Cornwall. Sharp carlsbad-twinned crystal replaced by creamy-white kaolinite.  $2\frac{1}{2} \times 2$ ", £4.75p
73. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Small sharp bright green cubic crystals lining cavities and joints in cellular quartz matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £12.00
74. PHOSPHURANYLITE. Wheal Edward, St. Just, Cornwall. Light yellow crusts covering areas of uraniferous matrix.  $2\frac{1}{2} \times 2\frac{1}{2}$ ", £3.75p
75. PLUMBAGUMMITE. Sylvester Mine, Zeehan, Tasmania, Australia. Creamy to pale brownish masses coating and replacing light green hexagonal PYROMORPHITE crystals covering limonitic matrix.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £8.00
76. PREHNITE. Patterson, New Jersey, U.S.A. Choice lime-green translucent botryoidal mass with a crystalline surface, thickly covering matrix, with odd sharp transparent rhombic CALCITE crystals to over  $\frac{1}{2}$ " in size. Nice display specimen.  $5\frac{1}{2} \times 3\frac{1}{2}$ ", £24.00
77. PROUSTITE. Schneeberg, Saxony, Germany. Dark reddish mass with pyrites.  $1\frac{1}{2} \times 1$ ", £3.50p
78. PYRRHOTITE. Příbram, Bohemia, C.S.S.R. Lustrous dark reddish well formed terminated crystals and crystal sections to nearly 1 cm in size richly scattered and intergrown on both sides of calcite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ", £46.00
79. PYROCHLORE. Panda Hill, Amboseli, Tanzania. Sharp light brown single crystals, each approx 4-5 mm in size, £0.40p each.
80. PYROMORPHITE. Roughtengill Mine, Caldbeck Fells, Cumberland. Lustrous light green sharp hexagonal and curved crystals to nearly 4 mm in length, thickly lining large cavities to 2" in size in a solid crystalline mass of pyromorphite with odd fragments of quartz. Very rich old specimen.  $4\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ", £46.00
81. PYROMORPHITE. Sylvester Mine, Zeehan, Tasmania, Australia. Lustrous dark green sharp hexagonal crystals to 3 mm in size thickly lining large cavities in limonitic matrix. Specimen A:  $3 \times 2\frac{1}{2} \times 2$ ", £9.00. Specimen B:  $2\frac{1}{2} \times 2 \times 1$ ", £9.00
82. PYROMORPHITE. Wheal Alfred, Phillack, Cornwall. Lustrous light greenish elongated crystals to 4 mm in length scattered all over quartz matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ", £8.00
83. PYRRHOTITE. Meldon, Dartmoor, Devon. Solid bronzy metallic mass.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", £2.00
84. QUARTZ. Sonora, Mexico. Transparent to translucent sharp terminated crystal of a delicate smoky to amethystine colour.  $2\frac{1}{2}$ " long by  $1\frac{1}{2} \times 1\frac{1}{2}$ " across the axis. £5.00
85. QUARTZ variety CHRYSOPHASE. Minas Gerais, Brazil. Select light green slightly cellular mass with a little milky coloured-quartz in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £6.00



86. ROSASITE. Grand Reef Mine, Graham Co., Arizona, U.S.A. Specimen A: Bright turquoise-blue botryoidal masses thickly covering smithsonite-rich matrix.  $3\frac{1}{2} \times 2\frac{1}{4}$ ", £14.00 Specimen B: Bright turquoise-blue flat botryoidal mass.  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p. Specimen C: As specimen B, pure botryoidal masses, each approx  $1 \times 1$ " in size, £3.00 each.
87. SIDERITE after CALCITE. Wheal Brea, St. Just, Cornwall. Pale brownish siderite epimorphous after rhombic calcite crystals to  $\frac{1}{2}$ " in size covering limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £4.75p
88. NATIVE SILVER. Burke Mine, Coeur d'Alene district, Idaho, U.S.A. Rich silvery threads and crystalline veinlets traversing a heavy mass of dark brown CERARGYRITE with minor limonite.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ", £26.00
89. SMALTITE. St. Austell Consols Mine, St. Stephen, Cornwall. Specimen A: Rich silvery-grey mass with siderite and thin crusts of erythrite.  $2 \times 2 \times 1\frac{1}{2}$ ", £8.00. Specimen B: Silvery-grey mass.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £7.75p.
90. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Lustrous light lime-green coloured sharp crystals to 3 mm in size thickly covering the surface and lining deep cavities in matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £14.00
91. SMITHSONITE after ANGLESITE. Tsumeb, Otavi, S.W. Africa. Unusual hollow cast of light creamy to pale greenish smithsonite after large tabular terminated Anglesite crystals, with odd small yellowish Minette crystals in places.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ", £24.00
92. SPHALERITE. Force Crag Mine, Keswick, Cumberland. Bright blackish sharp crystals to  $\frac{1}{2}$ " in size intergrown on matrix.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ", £5.00
93. STOLZITE. Mine de St. Lucie, Lozere, France. Well formed tan-coloured crystal  $\frac{1}{2}$ " in size implanted in a cavity on one end of cellular quartz matrix.  $3 \times 2$ ", £18.00
94. TARNOWITZITE. Tsumeb, Otavi, S.W. Africa. Sharp lustrous creamy coloured doubly-terminated crystals to nearly  $\frac{3}{4}$ " in size dotted all over matrix.  $3 \times 2\frac{1}{4} \times 2$ ", £18.00
95. TORBERNITE. Musonoi, Shaba Province, Zaire. Very choice bright green sharp tabular crystals to 8 mm in size thickly intergrown and covering a quartzose matrix. Fine display specimen.  $3\frac{1}{2} \times 3\frac{1}{4} \times 2$ ", £14.00
96. TRIPLITE. Abravazos, Beira-Alta, Portugal. Solid resinous dark brown mass.  $2\frac{1}{2} \times 2$ ", £3.50
97. ULLMANNITE. Siegen, Westphalia, Germany. Very rich greyish metallic mass with a little siderite and chalcoppyrite.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ", £14.00
98. VIVIANITE. Wannon Falls, Victoria, Australia. Lustrous bluish-black well formed tabular crystals to 1" in length spanning a 2" cavity in matrix with small light brown Siderite crystals.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £12.00
99. WAVELLITE. Highdown Quarry, Filleigh, Devon. Choice golden coloured hemispherical radiating masses with a crystallised surface, to over  $\frac{1}{2}$ " in diameter, scattered all over a dark slate matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ", £15.00
100. WOLFRAMITE. Dolcoath Mine, Camborne, Cornwall. Rich heavy jet-black bladed mass with milky quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ", £6.75p
101. WULFENITE. Touissit, near Oujda, Morocco. Lustrous orangey-yellow sharp tabular crystals to  $\frac{1}{2}$ " in size intergrown all over a cellular matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ", £28.00
102. YTTROTITANITE. Arendal, Aust-Agder district, Norway. Light brown masses with a little mica. Pieces approx  $1\frac{1}{2} \times 1\frac{1}{4}$ ", £1.50p each.
103. ZIRCON. Larvik, Westfold, Norway. Lustrous golden-brown well formed crystals to 5 mm in size partly embedded in feldspar matrix with nepheline, magnetite, natrolite, pyrochlore and barvikite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", £4.75p
104. AGATE. Dulcote Quarry, Wells, Somerset. Fine cut and polished half-nodules showing excellent bright red concentric banding and eye-like formations. Very decorative and ideal as Christmas gifts! Specimen A:  $5\frac{1}{2} \times 5$ " diameter £12.00. Specimen B:  $4\frac{1}{2} \times 4\frac{1}{2}$ " diameter £9.00. Specimen C:  $3 \times 2\frac{1}{2}$ " diameter £6.00

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Wishing all our customers a very Happy Christmas and good mineral collecting in 1981.

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