

RICHARD W. BARSTOW

26, Tregease, St. Just,  
Near Penzance, Cornwall, England.

Tel.No.: St. Just 880  
(STD 073 677)

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 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.

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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 1976

1. **ANGLESITE.** Broken Hill, N.S. Wales, Australia. Lustrous creamy coloured translucent well formed crystals to 3 mm. in size, thickly encrusting a mass of intergrown bladed Cerussite crystals.  $2\frac{1}{2} \times 2$ ". £7.
2. **ANTHOINITE.** Bjordal Mine, Kabole, Uganda. Rich, whitish, cellular mass associated with blackish Ferberite and a little yellowish Ferritungstite.  $1 \times 1$ ". £1.50.
3. **APATITE.** Carrock Mine, Caldbeck, Cumberland. Pale sea-green and creamy coloured elongated hexagonal crystal sections to 1" in length, embedded in massive Arsenopyrite with a little Wolframite and Quartz. There is also a little Scheelite in association. Interesting fluorescence under short wave u.v. with the Apatite fluorescing bright yellow and the Scheelite bright blue.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £3.25.
4. **APATITE.** Panasqueira, Beira-Beixa, Portugal. Specimen A - Very choice transparent sharp sea-green coloured hexagonal crystals to  $\frac{1}{2}$ " in size, thickly intergrown, with odd crystals standing proud of the others, on a matrix of Chlorite and Muscovite mica.  $3 \times 2\frac{3}{4}$ ". £70. The specimen is virtually free of any damage and there are over thirty well formed Apatite crystals. Specimen B - Very sharp, transparent, lime green coloured crystals to 1 cm. in size, dotted on sharp, bright silvery, terminated bladed crystals of Arsenopyrite on massive Arsenopyrite matrix. There is very minor Muscovite mica and whitish Calcite in association.  $3\frac{1}{2} \times 3 \times 1\frac{3}{4}$ ". £55; Specimen C - Choice, translucent, sharp sea-green hexagonal crystals, the largest being 15 mm. in size, scattered and intergrown on a matrix of crystallised Muscovite with bright silvery crystals of Arsenopyrite and a little golden Pyrites in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £27.
5. **APOPHYLLITE.** Jewel Tunnel, Poona, India. Specimen A - Lustrous, translucent, sharp creamy white crystals to  $\frac{1}{4}$ " in size, richly intergrown and scattered on Basalt matrix with odd pearly white Stilbite crystals in association. Choice for display.  $5\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ". £17; Specimen B - As Specimen A -  $4 \times 3 \times 2\frac{1}{2}$ ". £9; Specimen C - As Specimen A -  $3 \times 2 \times 1\frac{1}{2}$ ". £5; Specimen D - A large partially transparent sharp well terminated single crystal approx.  $1 \times 1$ " in size with 2 smaller xls attached. £1.65.



6. ATACAMITE. Remolinos, Atacama District, Chile. Pure lustrous, deep green, bladed intergrown crystalline mass with very minor reddish Hematite in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11.
7. AURICHALCITE. Char Kounhi Mine, Iran. Light turquoise blue attractive bladed crystal sprays and tufts thickly lining large cavities in cellular Limonitic Gossan.  $3 \times 3$ ". £7.
8. AZURITE. Concepcion del Oro, Zacatecas, Mexico. Bright blue, crystals and crystal aggregates to 5 mm. in size, richly scattered over a cellular Quartz veinstuff with minor brownish Limonite.  $3 \times 2\frac{1}{2}$ ". £6.50.
9. AZURITE. Crowl Creek, N.S. Wales, Australia. Bright lustrous deep blue sharp crystals to 4 mm. in size, thickly intergrown on a  $1\frac{1}{2} \times 1\frac{1}{4}$ " area on a light coloured matrix, with the rest of the specimen covered with lighter blue crystalline Azurite with traces of pale green Malachite.  $2\frac{1}{4} \times 1\frac{1}{4}$ ". £6.50.
10. BARYTES. Frizington, West Cumberland. Specimen A - Well formed translucent sharp elongated pale beige coloured crystals, some doubly terminated, and ranging up to 2" in length, thickly intergrown and lying flat on matrix. The reverse of the specimen is also encrusted with Barytes crystals, though they are somewhat corroded and not so well formed.  $5\frac{1}{2} \times 3$ ". £16.50; Specimen B - A single sharp translucent brownish yellow, well terminated, tabular crystal  $2\frac{1}{2}$ " in length  $\times 1\frac{1}{4}$ " across the axis. £6.50.
11. BARYTES. Iglesias, Sardinia. Very sharp, transparent, doubly terminated crystals of a pale golden yellow colour, ranging up to  $\frac{1}{2}$ " in size, thickly intergrown and covering cellular Barytes matrix.  $4 \times 2 \times 2$ ". £8.
12. BARYTOCALCITE. Nentsberry Hags Mine, Alston Moor, Cumberland. Sharp, creamy coloured, spear shaped crystals to  $\frac{1}{2}$ " in size, thickly intergrown on a  $1 \times 1\frac{1}{4}$ " area on Limestone matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £1.25.
13. NATIVE BISMUTH. Carrock Mine, Jaldbeck, Cumberland. Metallic, silvery grey masses to  $\frac{1}{4}$ " in size, thinly scattered through Quartz veinstuff with odd traces of greyish Joseite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
14. CALCITE. Cromford, Nr. Matlock, Derbyshire. Translucent, pale honey coloured well formed scalenohedral crystals to  $2\frac{1}{2}$ " in size aggregated in parallel growth with very minor matrix attached.  $3\frac{1}{2} \times 2$ ". £4.50.
15. CALCITE. Tynebottom Mine, Garrigill, Cumberland. Translucent, well formed creamy white terminated "nail head" crystals, intergrown in parallel growth, the largest crystal being  $1\frac{1}{4}$ " in size.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £2.50.
16. CALCITE. Botallack Mine, St. Just, Cornwall. Unusual, creamy coloured, modified crystals to  $\frac{1}{2}$ " in size, intergrown and free standing on Chlorite/Chalcopyrite veinstuff. The centres of the Calcite crystals appear to be cored with botryoidal Chalcopyrite.  $3 \times 3 \times 1\frac{1}{2}$ ". £6.50.
17. CALLAGHANITE. Gabbs, Nye Co., Nevada, U.S.A. Specimen A - Rich bright blue micro crystals scattered on and encrusting Serpentine matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25; Specimen B - As Specimen A - but not quite so rich -  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75.
18. CASSITERITE. Panasqueira, Beira-Beixa, Portugal. Specimen A - Choice, lustrous, dark brownish black sharp single twinned crystal implanted on Muscovite matrix. The crystal is  $\frac{1}{2} \times \frac{1}{2}$ ", overall size of Specimen  $1 \times \frac{3}{4}$ ". £11; Specimen B - As Specimen A - with minor Muscovite attached.  $15 \times 15$  mm. £6.50.



19. CaSSITERITE. Wheal Peevor, Redruth, Cornwall. Lustrous, blackish elongated needly "sparable" crystals to 4 mm. in length, richly encrusting Killas matrix with minor Quartz in association.  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
20. CELESTITE. Agrigento, Sicily, Italy. Lustrous, translucent, creamy coloured sharp terminated crystals to  $\frac{1}{2}$ " in length, thickly aggregated and free standing on yellowish Native Sulphur matrix.  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
21. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Specimen A - Select, transparent, smoky coloured sharp glassy large single tabular crystal, with most faces being well formed.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £11; Specimen B - Sharp, transparent, colourless tabular crystals to  $\frac{1}{2}$ " in size, free standing on cellular matrix with odd transparent doubly terminated pale lime green coloured Mimetite crystals to 4 mm. in size, scattered on the matrix together with numerous small creamy spiky Calcite crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £8.
22. CERUSSITE. Leadhills, Lanarkshire, Scotland. Lustrous, creamy white, translucent sharp well formed crystals to 5 mm. in size, richly scattered and lining a large  $2\frac{1}{2} \times 2$ ". dish shaped cavity in cellular massive Jerussite matrix. There is much light greenish Pyromorphite banding in the matrix.  $4 \times 3 \times 1\frac{1}{2}$ ". £13.
23. CHROME-CERUSSITE. Kapi Mine, Dundas, Tasmania, Australia. Specimen A - Lustrous, pale creamy green, sharp well formed crystals to  $\frac{1}{2}$ " in size, scattered on and intergrown on Limonitic Gossan. On reverse of the specimen there are areas of whitish silky crystallized DUNDASITE.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7; Specimen B - Lustrous, pale lime green coloured well formed reticulated crystals to  $\frac{1}{2}$ " in size, thickly intergrown and covering large areas on Limonitic Gossan.  $2 \times 1\frac{1}{2} \times 1$ ". £5.50; Specimen C - Lustrous, pale creamy green crystals to 5 mm. in size, thickly intergrown on Gossan.  $1 \times \frac{3}{4}$ ". £1.25.
24. CHALCOCITE. Cooks Kitchen Mine, Jamborne, Cornwall. Choice, platy hexagonal crystals to  $\frac{1}{2}$ " in size, forming a pure cellular intergrown mass. Most of the crystals have a slightly iridescent tarnish and are partially altered to Bornite.  $2\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £22.
25. CHURCHITE. Sausalito, Marin Co., California, U.S.A. Rich, whitish, micro crystallised crusts covering ferruginous matrix. Specimen A -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25; Specimen B - Slightly richer in Churchite -  $2 \times 1\frac{1}{4}$ ". £2.50.
26. NATIVE COPPER. Carn Brea Mine, Illogan, Cornwall. Select, pure, crystallised tarnished metallic cellular mass with odd scattered sharp ruby red octahedral crystals of Cuprite mostly around 2 mm. in size. Choice old specimen collected early last century.  $4\frac{1}{2} \times 3 \times 2$ ". £23.
27. NATIVE COPPER. Creegbrow Mine, Gwennap, Cornwall. Pure, rich, metallic crystallised dendritic mass with a slight greenish tarnish and with odd fragments of Quartz attached. Specimen A -  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £7; Specimen B -  $2 \times 1\frac{1}{2}$ ". £2.75.
28. NATIVE COPPER. Quincy Mine, Keweenaw Pen., Michigan, U.S.A. Bright metallic scales and crystallised masses enclosed in translucent Calcite crystals aggregated in parallel growth on matrix. The Calcite has a pinkish colouration imparted to it due to the inclusions of the Copper.  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.



29. COVELLITE. Stewart Mine, Butte, Silver Bow Co., Montana, U.S.A.  
Pure, bright metallic irridescently tarnished platy crystalline masses; very attractive specimens. Specimen A -  $3 \times 3$ ". £4.50; Specimen B -  $2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £2.50; Specimen C -  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £1.25.
30. CREEDITE. La Contessa Mine, Santa Eulalia, Chihuahua, Mexico.  
Select, transparent, sharp terminated crystals to 5 mm. in size, aggregated and scattered on sulphidic matrix with odd small crystals of Quartz in association. The crystals of Creedite are mostly colourless and transparent, and the matrix contains radiated masses of Creedite with a pale pinkish colour.  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ". £7.
31. CUPRITE. Phoenix Mine, Linkinhorne, Cornwall. Bright, deep red well formed crystals to 2 mm. in size, scattered in cavities in a pure mass of intergrown Cuprite and metallic Native Copper. Specimen A -  $2 \frac{1}{2} \times 2 \times 2$ ". £7; Specimen B -  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £2.25.
32. DIOPHASE, Tsumeb, Otavi, S.W. Africa. Choice, bright emerald green, translucent sharp crystals mostly around 3 - 4 mm. in size, thickly lining a 2 x 1" cavity on one side of matrix with minor creamy Cerussite crystals in association. Good specimen for display.  $3 \times 2 \frac{1}{2} \times 2$ ". £14.
33. DOLOMITE. Butte, Silver Bow Co., Montana, U.S.A. Lustrous, creamy coloured, saddle shaped crystals richly encrusting Rhodochrosite/Quartz veinstuff with numerous translucent milky coloured hexagonal Quartz crystals in association, together with odd small brassy Chalcopyrite crystals and slightly tarnished greyish Tetrahedrite crystals.  $4 \frac{1}{2} \times 3 \frac{1}{2}$ ". £7.
34. EPIDOTE. Harts Range, N. Terr., Australia. Bright, dark olive green, sharp bladed crystals thickly intergrown on creamy white crystalline Adularia Feldspar.  $2 \frac{1}{2} \times 2 \times 2$ ". £6.
35. FLUORITE. West Pastures Mine, Nr. Stanhope, Co. Durham. Fine, transparent, apple green coloured sharp cubic crystals to  $\frac{1}{4}$ " in size, thickly intergrown on Siderite/Sphalerite veinstuff.  $3 \frac{1}{2} \times 3 \frac{1}{2}$ ". £13.
36. FLUORITE. Royal Flush Mine, Bingham, New Mexico, U.S.A.  
Select, light purple, well formed OCTAHEDRAL crystals to  $\frac{3}{4}$ " in size, thickly intergrown and covering matrix. The crystals are very well developed for this rare form of Fluorite.  $3 \frac{1}{2} \times 3 \frac{1}{2} \times 1 \frac{1}{2}$ ". £17.
37. FLUORITE. Pell Mine, St. Agnes, Cornwall. Pale purplish, transparent, modified crystals, some showing five faced sides, ranging up to 1 cm in size, and scattered on cellular Fluorite.  $2 \frac{1}{2} \times 2$ ". £2.50.
38. GALENA. Blackdene Mine, Weardale, Co. Durham. Very choice, bright, silvery grey sharp modified cube-octahedral crystals mostly around  $\frac{1}{2}$ " in size, thickly scattered over and encrusting Fluorite matrix with numerous small light purple, transparent, cubic Fluorite crystals in association. Fine specimen for display.  $8 \times 5 \frac{1}{2} \times 3 \frac{1}{2}$ ". £34.
39. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall.  
Bright, blackish, sharp elongated crystals to  $\frac{1}{4}$ " in length, richly lining cavities in Quartz/Goethite veinstuff.  $3 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £4.50.
40. GOETHITE. Botallack Mine, St. Just, Cornwall. Bright black highly lustrous botryoidal mass, with an internal radiated structure, thickly covering white Quartz.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £3.25.



41. NATIVE GOLD. Grass Valley, Sierra Nevada, California, U.S.A.  
Golden metallic crystalline masses and specks scattered on and in milky Quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £6.50.
42. HAUSMANNITE. Wyndham Mine, Egremont, Cumberland. Blackish, small well formed crystals thickly covering the surface of massive crystalline Hausmannite with very minor creamy Barytes in association.  $2 \times 2 \times 1$ ". £4.50.
43. HEMATITE. Wheal Cock, St. Just, Cornwall. Bright black, thick, hexagonal crystals to  $\frac{1}{4}$ " in size, intergrown and lining a 1" cavity in Quartz veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ". £3.50.
44. HEMIMORPHITE. Mina Ojuela, Mapimi, Durango, Mexico. Lustrous, transparent, colourless sharp well terminated elongated bladed crystals to 1 cm. in length thickly encrusting both sides of light brown Limonite matrix with much bright white sharp rhombic crystals of Calcite to  $\frac{3}{4}$ " in size, in association. Attractive and well formed specimen of this mineral.  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £14.
45. HEULANDITE. Aussig, Bohemia, Czechoslovakia. Bright pearly white translucent sharp crystals to 8 mm. in size, richly scattered over a gneiss like matrix with odd pale green octahedral crystals of Fluorite and numerous drusy Quartz crystals in association.  $5 \times 3\frac{1}{2}$ ". £9.
46. HOLLANDITE. Sorharas Mountain, Ultevis Range, Kvickjokk, Sweden. Rich, metallic grey, fibrous crystallised mass intergrown with Quartz.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
47. JAMESONITE. Wheal Boys, St. Endellion, Cornwall. Very rich pure greyish metallic fibrous crystalline mass with minor Quartz and Pyrite in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
48. LIBETHENITE. N'Changa, Zambia. Lustrous, deep green, well formed crystals to 4 mm. in size, thickly lining cavities in massive Libethenite.  $1 \times 1$ ". £3.50.
49. LIMONITE. Jarnyorth Mine, St. Just, Cornwall. Lustrous black thick botryoidal mass covering massive Limonite and showing a fibrous radiating structure along its edges.  $2 \times 2 \times 1\frac{1}{2}$ ". £2.50.
50. LINARITE. Redgill Mine, Caldbeck, Cumberland. Sharp, bright blue well formed terminated crystals to 4 mm. in length scattered in a  $1 \times \frac{1}{2}$ " cavity in Quartz/serussite veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ". £8.
51. LUESHITE. Lueshe, Kivu, Zaire. Sharp, greyish, single cubic crystals, each approx.  $\frac{1}{4}$ " in size. £2.25 each.
52. MAGNETITE. Bathurst, Lanark Co., Ontario, Canada. Lustrous black sharp octahedral crystals to  $\frac{1}{4}$ " in size, scattered and intergrown on a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area on dark blackish green crystalline Hornblende and brownish platy Phlogopite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
53. MALACHITE. Browns' Claim, Rum Jungle, N. Terr., Australia. Bright green, silky, botryoidal mass, showing a radiated structure in places, associated with a little creamy coloured crystallised Serussite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
54. MALACHITE. Phoenix Mine, Linkinhorne, Cornwall. Select, light green, velvety botryoidal crystalline masses encrusting and richly scattered on large cavities in cellular Quartz Gossan.  $2\frac{1}{2} \times 1\frac{1}{2} \times 2$ ". £4.50.



55. **MALACHITE.** Ting-Tang Mine, Gwennap, Cornwall. Lustrous green thick botryoidal masses richly covering pyramidal crystals of Quartz on Quartz veinstuff with odd spots of Chalcopyrite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
56. **MARCASITE.** Tincroft Section, S. Crofty Mine, Illogan, Cornwall. Specimen A - Very sharp brassy metallic spear shaped twinned crystals to 1 cm. in size, scattered in and protruding from cavities in cellular Quartz.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25; Specimen B - Bright brassy metallic sharp spear shaped crystals to 1 cm. on edge, thickly intergrown on massive Marcasite.  $1\frac{1}{2} \times 1$ ". £1.50.
57. **MARTITE** (Pseudomorph of Hematite after Magnetite). Twin Peaks, Millard Co., Utah, U.S.A. Select, blackish replacement of large sharp octahedral crystals of Magnetite to  $\frac{1}{2}$ " on edge, thickly intergrown on massive Hematite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £7.
58. **MELANITE** (Variety of Andradite Garnet). Langban, Wermland, Sweden. Choice, bright black, sharp crystals to 5 mm. in size, richly intergrown and scattered on Skarn matrix with minor olive green Epidote in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £11.
59. **MIMETITE.** Tsumeb, Otavi, S.W. Africa. Fine, bright orangey yellow very attractive radiated sprays of sharp spiky crystals to  $\frac{1}{2}$ " in size, scattered over a matrix of crystalline creamy white Jalcite with odd tarnished dendritic crystalised masses of Native Copper. The reverse of the specimen shows large translucent creamy coloured rhombic Jalcite crystals to  $\frac{1}{2}$ " on edge, thickly intergrown and partially frosted over with small lustrous pale yellow Mimetite crystals. Choice specimen for display.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £23.
60. **MIMETITE.** San Pedro de Corralitos, Durango, Mexico. Very choice, lustrous, lemon yellow large botryoidal masses to  $\frac{3}{4}$ " in diameter, thickly encrusting both sides of Limonitic matrix. An unusually rich and showy specimen of this type of Mimetite.  $3\frac{1}{2} \times 2\frac{3}{4}$ ". £17.
61. **NATROLITE.** Dean Quarry, St. Keverne, Lizard, Cornwall. Bright, whitish, well formed elongated columnar crystals to  $\frac{3}{4}$ " in length intergrown and criss-crossing on a vein section of massive crystalline Natrolite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
62. **OLIVENITE.** Wheal Gorland, St. Day, Cornwall. Fine, lustrous, deep olive green sharp terminated crystals mostly around 2 mm. in size, thickly lining numerous large cavities in a vein section of Gossan Quartz with minor blackish Psilomelane and odd small patches of light blue crystalised Clinoclase.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ " thick. £13.
63. **ORTHOCLASE.** Longdowns, Carnmenellis, Cornwall. Pale salmon coloured well formed terminated crystals mostly around  $\frac{1}{4}$ " in size, scattered and intergrown with crystals of Quartz, plates of Muscovite Mica and odd pale bluish crystals of Apatite on pinkish Granite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.65.
64. **PARSONSITE.** Mine La Pave, Grury, Saone-et-Loire, France. Rich, pale yellow, velvety crusts of micro needly crystals lining cavities in ferruginous Gossan.  $2 \times 1\frac{1}{2} \times 1$ ". £3.25.
65. **PHARMACOSIDERITE.** Wheal Gorland, St. Day, Cornwall. Bright, light green, sharp cubic crystals mostly around 1 - 2 mm. in size, richly lining cavities in Gossan matrix with traces of Scorodite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.
66. **PREHNITE.** Dean Quarry, St. Keverne, Lizard, Cornwall. Translucent, pale lime green coloured crystalised masses intergrown in a  $1\frac{1}{2}$ " long cavity with lustrous white Natrolite crystals in Gabbro matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.



67. PYROMORPHITE. Wheal Goat, Brittany, France. Select, pure mass composed of lustrous light brown intergrown feathery crystallised masses, some of the crystal masses radiating out from a central point. Rich old specimen from this classic location.  $2x2x1\frac{1}{2}$ ". £13.
68. PYROMORPHITE. Plynlimon, Cardiganshire. Specimen A - Lustrous, light green, spiky hexagonal crystals richly encrusting crystallised Quartz.  $2\frac{1}{2}x2$ ". £3.25; Specimen B - As Specimen A - with Pyromorphite covering two sides of the specimen.  $2x1\frac{1}{2}x1\frac{1}{2}$ ". £3.25.
69. PYROXENE. Renfrew Co., Ontario, Canada. Sharp, well formed, terminated olive green crystals to  $\frac{1}{2}$ " in size, intergrown on Quartz matrix.  $2\frac{1}{2}x1\frac{1}{2}x1\frac{1}{2}$ ". £4.50.
70. QUARTZ. Sonora, Mexico. Unusual, translucent to transparent, single well terminated sharp hexagonal crystals of a faint amethystine combined with Smoky colour. Specimen A -  $2\frac{1}{2}$ " long  $x1\frac{1}{2}x1\frac{1}{2}$ ". £4.50; Specimen B - 2" long  $x1\frac{1}{2}x1\frac{1}{2}$ ". £3.75; Specimen C - doubly terminated and mostly transparent  $1\frac{1}{2}$ " long  $x1x\frac{1}{2}$ ". £2.25.
71. QUARTZ. Egremont, Cumberland. Sharp, doubly terminated translucent pyramidal crystals of a smoky colour with inclusions of sparkling black Specularite, ranging up to  $\frac{3}{4}$ " in size, and scattered and partially embedded in a matrix of bright crystallised platy black Specularite.  $2\frac{1}{2}x1\frac{1}{2}x1$ ". £4.50.
72. QUARTZ. Wheal Jane, Kea, Cornwall. Specimen A - Choice, translucent to transparent slightly milky, sharp, terminated hexagonal crystals to 1" in length  $x\frac{3}{4}$ " across the axis, thickly intergrown and free standing on massive Quartz vein-stuff.  $5x4x2\frac{1}{2}$ ". £13; Specimen B - As Specimen A -  $4x2\frac{1}{2}x2$ ". £6.50. Both specimens are good for display.
73. RUTILE variety SAGENITE. St. Gotthard, Ticino, Switzerland. Lustrous, deep reddish black, elongated needle crystals to 1 cm. in length, criss-crossing on a  $\frac{1}{2}x\frac{1}{2}$ " area on one end of a matrix composed of intergrown lustrous white saddle shaped Dolomite crystals.  $2\frac{1}{2}x1\frac{1}{2}x1\frac{1}{2}$ ". £8.50.
74. SIDERITE. South Crofty Mine, Illogan, Cornwall. Lustrous, light brown sharp lenticular crystals mostly around  $\frac{1}{4}$ " in size, thickly intergrown and completely covering crystallised Quartz.  $2\frac{1}{2}x2$ ". £6.50.
75. SIDERITE. Tincroft Mine, Illogan, Cornwall. Well formed, translucent tan coloured modified octahedral crystals to  $\frac{1}{4}$ " in size, scattered and intergrown with elongated milky Quartz crystals.  $1\frac{1}{2}x1\frac{1}{2}$ ". £1.25.
76. SIDERITE. Mont St. Hilaire, Quebec, Canada. Choice, sharp, translucent tan coloured rhombic crystals to  $\frac{1}{4}$ " on edge, nicely scattered on a matrix of cellular crystallised lustrous white Albite.  $3\frac{1}{4}x3x2\frac{1}{2}$ ". £13.
77. NATIVE SILVER. Kongsberg, Norway. Thin silvery metallic platy masses sparsely scattered on and in white Calcite with odd small masses of greyish Argentite.  $3x2x1\frac{1}{2}$ ". £3.25.
78. NATIVE SILVER. St. Andreasberg, Harz, Germany. Select coiled wiry masses replaced by greyish Argentite covering the surface of massive grey Galena/Pyrites vein-stuff, with odd small sharp crystals of STEPHANITE to 2 mm. in size, scattered amongst the coils.  $3\frac{1}{2}x2\frac{1}{2}x2$ ". £27.



79. SMALTITE. Bieber, Hesse, Germany. Sharp, bright silvery crystal to 3 mm. in size, intergrown on a  $\frac{1}{2}$ " area on Quartz/Smaltite veinstuff, with odd Smaltite crystals partially embedded on the reverse of the specimen.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
80. SMITHSONITE. Broken Hill, N.S. Wales, Australia. Lustrous, silky, translucent pale greyish botryoidal crystalised mass  $1\frac{1}{2}$ " in diameter implanted on blackish botryoidal Psilomelane with odd creamy crystals of Smithsonite of the "rice grain" form in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £6.50.
81. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Very sharp, transparent colourless elongated spiky crystals to  $\frac{3}{4}$ " in length lying flat on and free standing on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
82. SODDYITE. Kalungwe, Shaba, Zaire. Choice, mustard yellow, small sharp crystals richly intergrown in areas on cellular light brown uraniferous matrix.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £16.50.
83. SPEULARITE. Florence Mine, Egremont, Cumberland. Specimen A - Bright black sharp platy crystals thickly intergrown and encrusting both sides of Hematite matrix with odd transparent doubly terminated scattered crystals of Quartz to  $\frac{1}{4}$ " in size.  $2\frac{1}{2} \times 2$ ". £7; Specimen B - Bright black platy crystals thickly encrusting massive botryoidal Hematite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
84. SPHALERITE. Trepca, Yugoslavia. Very bright black large sharp crystals to  $\frac{1}{2}$ " on face edge thickly intergrown on massive Sphalerite with minor amounts of Galena and Pyrite, and with very attractive lustrous creamy coloured radial sprays of spiky Aragonite crystals scattered on the surface of the specimen.  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £11.
85. SPHALERITE. Panasqueira, Beira-Beira, Portugal. Specimen A - Lustrous black sharp well formed crystals to 1 cm. on face edge intergrown in parallel growth to form a dome shaped mass, on crystalised silvery Arsenopyrite with odd traces of brownish Siderite.  $2\frac{1}{2} \times 2$ ". £11; Specimen B - As Specimen A - but showing two masses of crystalised Sphalerite each approx. 1" in size implanted on crystalised silvery Arsenopyrite, with the reverse of the specimen showing crystalline Muscovite Mica and odd lenticular Siderite crystals.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £8; Specimen C - Lustrous black well formed crystals to 1 cm. in size, intergrown on Muscovite matrix with minor crystalised Arsenopyrite and Siderite in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50.
86. SPHALERITE variety RUBY BLENDE. Treece, Kansas, U.S.A. Large, sharp, well formed crystals of a light brownish red colour to  $\frac{3}{4}$ " in size, richly scattered on massive honey coloured Sphalerite with odd curved creamy coloured saddle shaped crystals of Dolomite in association. The smallest Sphalerite crystals are transparent and of a good ruby red colour.  $4\frac{1}{2} \times 4 \times 1\frac{1}{2}$ ". £16.50.
87. STANNITE. East Pool Mine, Illogan, Cornwall. Rich, slightly tarnished, metallic greyish mass associated with a little Quartz, golden Chalcopyrite and blades of blackish Wolframite.  $2 \times 2 \times 2$ ". £4.50.
88. STEPHANITE. Freiberg, Saxony, Germany. Greyish metallic small sharp crystals to 3 mm. in size, scattered in cavities in cellular massive Stephanite matrix with minor Siderite in association.  $2 \times 1 \times 1$ ". £7.
89. STIBNITE. Lubilhac, Haute-Loire, France. Choice, silvery grey, metallic bladed crystalline mass associated with minor drusy Quartz. There is some crystal development in cavities. The specimen was collected during the last century from this old location.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £9.50.



90. STIBNITE. Bajuz, Rumania. Fine, bright, silvery grey sharp well formed elongated crystals to 1" in length, aggregated in sprays and thickly intergrown all over matrix.  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £27.
91. NATIVE SULPHUR. Agrigento, Sicily, Italy. Specimen A - A large single translucent bright yellow mostly complete well formed crystal.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen B - A transparent light yellow sharp complete single crystal.  $1\frac{1}{2} \times \frac{3}{4}$ ". £2.25.
92. TARNOWITZITE. Tsumeb, Otavi, S.W. Africa. Lustrous, creamy coloured, sharp crystals, some being doubly terminated and showing an interesting colour zoning, to  $\frac{1}{4}$ " in size, thickly intergrown and encrusting cellular Dolomite matrix.  $3 \times 2\frac{1}{4}$ ". £7.75.
93. TETRAHEDRITE. Crinnis Mine, Nr. St. Austell, Cornwall. A large, silver grey, well formed crystal 1" in size, implanted on a solid mass of greyish massive Tetrahedrite and golden Chalcopyrite with very minor Quartz and odd other slightly distorted Tetrahedrite crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £9.
94. TOURMALINE. Haslau, Bohemia, J.S.S.R. Very bright sharp black crystals to  $\frac{1}{2}$ " in size, thickly intergrown and encrusting two sides of Tourmaline/Quartz matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £9.
95. WAVELLITE. Highdown Quarry, Filleigh, Devon. Silky creamy white radiated crystalised masses thickly encrusting a dark slate. Select specimens from the type location for this mineral. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75; Specimen B - with four sides covered in Wavellite -  $2 \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen C -  $1\frac{1}{2} \times 1$ ". 80p.
96. WILLEMITE. Lusaka, Zambia. Specimen A - Unusually large, sharp, translucent creamy coloured elongated terminated crystals to  $\frac{1}{4}$ " in length, thickly lining a  $1\frac{1}{2}$ " cavity in matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £6.50; Specimen B - Very large elongated crystals to 1 cm in length thickly intergrown on massive Willemite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50. Bright green fluorescence under short wave u.v.
97. WOLFRAMITE. East Pool Mine, Illogan, Cornwall. Pure, jet black, bright bladed crystalline mass with odd threads of golden Chalcopyrite. Choice rich specimen.  $4\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £9.
98. WULFENITE. Stephanie Mine, Mesica, Slovenia, Yugoslavia. Superb, bright orangey platy crystals to 1 cm. in size, thickly intergrown and forming a pure crystalised cellular mass with no matrix attached. Excellent display specimen and an unusually large piece for this location.  $6 \times 5 \times 3$ ". £33.
99. WULFENITE. San Francisco Mine, Sonora, Mexico. Fine, transparent delicate sharp platy crystals to  $\frac{1}{2}$ " on edge and of a bright golden yellow colour, thickly intergrown and free standing on matrix with minor orangey small botryoidal masses of Mimeteite. Very colourful specimen.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £11.
100. ZINCITE. Franklin, Sussex Co., New Jersey, U.S.A. Specimen A - Large rich blood red masses embedded in white Calcite with minor black crystalline masses of Franklinite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.50; Specimen B - Blood red mass intergrown with blackish crystalline Franklinite.  $1\frac{1}{2} \times 1 \times 1$ ". £1.25;
101. ZIRCON. Miask, Ilmen Mts., Russia. Choice, lustrous, pale brown, very large well formed crystals to  $\frac{3}{4}$ " on face edge, thickly intergrown and scattered on both sides of creamy Calcite matrix. Excellent large specimen from this old location.  $5 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £23.



RICHARD W. BARSTOW  
26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

Tel. NO.: St. Just 880  
(STD 073 677)

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 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 a 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 1976

1. ADAMITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A - Very choice lustrous lime green coloured large fan shaped sprays of sharp, terminated crystals thickly covering Limonitic Gossan. The largest spray of crystals is approx. 1" in size.  $2 \times 2 \times \frac{1}{4}$ ". £16.50; Specimen B - Choice, pale lime green, sprays of crystals to  $\frac{1}{2}$ " in size, thickly encrusting Gossan.  $2 \frac{1}{2} \times 2 \frac{1}{4}$ ". £8; Specimen C - Sharp, unusually large, translucent well formed crystals, some being doubly terminated, to 1 cm. in size, thickly intergrown and scattered on Gossan.  $3 \times 1 \frac{1}{4}$ ". £7; Specimen D - Unusual pale creamy green cruded axe-like crystal sprays to  $\frac{1}{4}$ " in diameter, intergrown and scattered on a  $1 \frac{1}{2} \times 1 \frac{1}{4}$ " area on Gossan.  $2 \times 2$ ". £4.50; Specimen E - Bright, lime green coloured sprays of terminated crystals thickly intergrown and covering Gossan.  $1 \frac{1}{2} \times 1$ ". £3.25.
2. ALLEMONTITE. South Ham, Wolfe Co., Quebec, Canada. Rich, metallic grey, pure mass with very minor Quartz and small blades of Stibnite in association.  $1 \frac{1}{2} \times 1 \frac{1}{4} \times 1$ ". £2.25.
3. ALUMINITE. Newhaven, Sussex. Select, pure snow-white, large botryoidal mass with very minor light brown Limonite in association.  $4 \frac{1}{2} \times 3 \frac{3}{4} \times 2 \frac{1}{2}$ ". £3.25.
4. ANALCIME. Dean Qry. St. Keverne, Lizard, Cornwall. Well formed, snow white, crystals and crystalline masses to  $\frac{1}{2}$ " in size, associated with much crystallised Calcite on Gabbro matrix. Most of the specimen is frosted over with small sparkling STILBITE crystals.  $4 \frac{1}{2} \times 2 \frac{1}{2}$ ". £4.50.
5. ANALCIME. Talisker, Isle of Skye, Scotland. Specimen A - A  $1 \frac{1}{4} \times 1$ " cavity in Basalt matrix thickly lined with sharp, lustrous, creamy white Analcime crystals to  $\frac{1}{4}$ " in size, with other smaller cavities also containing Analcime.  $2 \frac{1}{2} \times 2 \frac{1}{2}$ ". £3.25; Specimen B - A  $1 \frac{1}{2} \times 1$ " cavity in Basalt lined with crystals of lustrous Analcime to 5 mm. in size, with a 1" cavity on the reverse of the specimen also lined with crystals.  $2 \frac{1}{2} \times 2$ ". £2.75;
6. ANATASE. Tysse, Norway. Specimen A - Choice, large, sharp, dark indigo blue coloured crystals to  $\frac{1}{4}$ " in size, scattered on the faces of a portion of a clear well formed Quartz crystal, with smaller Quartz crystals attached.  $1 \frac{1}{2} \times \frac{1}{2}$ ". £5.50; Specimen B - A large, completely transparent, sharp terminated Quartz crystal with odd sharp Anatase crystals to 5 mm. in size, thinly scattered on two faces.  $2" \text{ long} \times 1 \frac{1}{4} \times \frac{1}{4}$ " across the axis. £3.25.
7. ANGLESITE. Teumeb, Otavi, S.W. Africa. A portion of a very large, translucent, creamy coloured crystal showing some sharp faces.  $2 \times \frac{1}{2} \times \frac{1}{4}$ ". £4.50.



33. NATIVE COPPER. Fowey Consols Mine, Tywardreath, Cornwall. Rich, dark coppery, hackly crystallised mass protruding from limonitic Gossan with minor fragments of Quartz attached.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £4.50.
34. CORNWALLITE. Phoenix Mine, Linkinhorne, Cornwall. Rich, deep green, slightly botryoidal crusts covering cellular Quartzose veinstuff. Specimen A -  $2\frac{1}{4} \times 1\frac{1}{4}$ ". £1.25; Specimen B -  $1\frac{1}{4} \times 1\frac{1}{2}$ ". 80p.
35. CORUNDUM. Isiola, Kenya. Specimen A - A choice well formed doubly terminated dark greyish barrel shaped hexagonal large single crystal. Excellent specimen for crystal study.  $4" \times 2\frac{1}{2}"$  by  $2\frac{1}{2}"$  across the axis at the terminations, swelling to  $3\frac{1}{2} \times 2\frac{1}{2}"$  across the axis at the middle. £9; Specimen B - A single, sharp, greyish, stout doubly terminated crystal.  $2\frac{1}{2}"$  long  $\times 2\frac{1}{2}"$  by  $2\frac{1}{2}"$  across the axis. £6.50.
36. RUBY CORUNDUM. Lagido, Tanzania. Specimen A - Rich, lustrous, raspberry red crystal sections to  $1"$  in size, richly scattered through granular light green ZOISITE.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}"$ . £4.50; Specimen B - A choice, very bright, raspberry red, hexagonal crystal section  $\frac{3}{4}"$  in size, embedded in light green Zoisite, with odd smaller crystal sections of Ruby Corundum.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1"$ . £2.50; Specimen C - As Specimen A -  $2 \times 1\frac{1}{4}"$ . £1.25.
37. CROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Choice, bright, orangey sharp terminated crystals mostly around 5 mm. in length, thickly intergrown and completely encrusting matrix. Very striking colourful specimen.  $3 \times 2\frac{1}{4}"$ . £16.50.
38. CUPRITE. Marke Valley Mine, Linkinhorne, Cornwall. Bright, deep red, sharp cubic crystals mostly around 2 mm. in size, thickly lining and intergrown in a half inch wide cellular vein cutting limonitic Gossan, with odd smaller crystallised areas of Cuprite. Choice old specimen.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}"$ . £13.00.
39. CUPROSKLODOWSKITE. Musonoi, Katanga, Zaire. Rich, light green, crystalline masses with very minor matrix attached. Specimen A - with some micro needly crystals.  $2\frac{1}{4} \times 1\frac{1}{2}"$ . £4.50; Specimen B -  $2 \times 1\frac{1}{4}"$ . £2.75p.
40. DIOPSIDE. Nordmark, Wermland, Sweden. Select lustrous olive green well formed elongated crystals to  $1\frac{1}{2}"$  in length, forming a pure intergrown cellular mass.  $3\frac{1}{4} \times 3 \times 2"$ . £8.00.
41. DOLOMITE. Eugui, Navarre, Spain. Lustrous transparent creamy coloured very sharp rhombic crystals to  $\frac{3}{4}"$  on face edge forming an intergrown group.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1"$ . £4.50p.
42. EPIDOTE. Harts Ranges, N. Terr., Australia. Choice, lustrous olive green elongated crystals intergrown and lying flat on massive epidote. Some of the crystals show good terminations, and range in length up to  $2"$ .  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ . £11.00.
43. FLUORITE. Cave-in-Rock, Hardin Co., Illinois, U.S.A. Fine translucent deep purple cubic crystals, some being unusually etched, to  $1"$  on face edge, intergrown and scattered on both sides of matrix with odd bright black well formed crystals of Sphalerite in association. Choice for display.  $6 \times 2\frac{1}{2} \times 2\frac{1}{2}"$ . £9.00.
44. FERITUNGSTITE. Bjordal Mine, Uganda. Very rich light yellowish cellular micro crystallised masses associated with a little black Ferberite and quartz. Specimen A -  $1\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}"$ . £3.25p; Specimen B -  $1\frac{1}{4} \times 1\frac{1}{4} \times 1"$ . £2.25p.
45. GALENA. Sweetwater Mine, Iron Co., Missouri, U.S.A. Choice bright metallic grey sharp modified cube-octahedral crystals to nearly  $\frac{3}{4}"$  in size, richly scattered on their edges and intergrown on crystallised creamy dolomite on limestone matrix.  $4\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}"$ . £13.00.
46. GALENA, pseudomorph after pyromorphite. Wheal Hope, Perranzabuloe, Cornwall. Specimen A - Select replacement of hexagonal pyromorphite crystals by greyish galena. Replaced crystals range up to 5 mm, and form an intergrown mass with minor matrix attached.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}"$ . £7.00. Specimen B - Well formed replaced hexagonal xls to 5 mm in size, thickly intergrown on altered slate matrix.  $2 \times 1\frac{1}{2}"$ . £5.50p.



47. NATIVE GOLD. La Maria, Colombia, Specimen A - Choice, bright golden crystalline metallic nuggety mass with very minor Limonite attached. 17 x 10 mm. £14.00; Specimen B - Pure, cellular golden crystalline masses, with minor Limonite attached. 10x10 mm. £9. each.
48. GOETHITE variety "WOOD IRON". Restormel Royal Iron Mine, Lostwithiel, Cornwall. Specimen A - Rich, light brown, concentrically banded masses and veinlets cutting Quartzose veinstuff.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75; Specimen B - Pure, light brown, concentrically banded vein section with very minor Quartz in association.  $2\frac{1}{2} \times 2 \times 1$ ". £2.25; Specimen C - As Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25.
49. GRAPHITE. Borrowdale, Cumberland. Rich, lead grey, mass with odd included fragments of matrix. Two sides of the specimen show Slickensides.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £2.25.
50. GROSSULARITE variety HESSONITE. Jeffrey Mine, Asbestos, Quebec, Canada. Lustrous, transparent, sharp, light orangey crystals to  $\frac{1}{4}$ " in size, intergrown on Biotite Schist.  $2\frac{1}{2} \times 2$ ". £2.75.
51. HEMATITE. Rio Marino, Isle of Elba, Italy. Specimen A - Select, large, bright black, well formed crystals to 1" in size, thickly intergrown in parallel growth on massive Hematite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £4.75; Specimen B - Bright black, sharp crystals to 1" in size, forming a group of crystals in parallel growth.  $2 \times 1\frac{1}{2} \times 1$ ". £3.25.
52. HEULANDITE. Lages, Santa Catarina, Brazil. Lustrous, pearly, creamy white, sharp crystals to  $\frac{1}{2}$ " in size, thickly intergrown and encrusting Basalt matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
53. HYDROZINCITE. Mina Ojuela, Mapimi, Durango, Mexico. Very rich, snow white, small needly crystals thickly encrusting cellular matrix, with small Calcite crystals covering the reverse of the specimen.  $3\frac{1}{2} \times 2$ ". £5.50.
54. ISO-STANNITE. Cligga Mine, Ferranzabuloe, Cornwall. Choice, pure, slightly tarnished greyish metallic masses with very minor silvery Arsenopyrite in association. Specimen A -  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.50; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75; Specimen C -  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £1.25.
55. LEGRANDITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A - Lustrous, yellow, spray of sharp, terminated crystals, 8x6 mm., on Limonitic matrix.  $\frac{1}{2} \times \frac{1}{2}$ ". £6.50; Specimen B - Odd lustrous yellow sharp terminated crystals, the largest being 5 mm. in length, thinly scattered on Limonite.  $2 \times 1\frac{1}{2}$ ". £4.50; Specimen C - A 5 mm. sized spray of sharp terminated crystals and odd smaller crystals implanted on Limonite.  $\frac{1}{2} \times \frac{1}{2}$ ". £3.25.
56. LEPIDOLITE. Pala, San Diego Co., California, U.S.A. Attractive, colourful, lavender coloured, pure platy crystalline mass.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.25.
57. LIMONITE Pseudomorph after PYRITES. Bjordal Mine, Uganda. Select replacement of sharp single striated cubic crystals of Pyrites by Limonite. Crystals approx.  $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ ". £1.25 each, Crystals  $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ". 80p. each.
58. LIVINGSTONITE. Huitzoco, Guerrero, Mexico. Pure, metallic greyish bladed crystalline mass, with a slight reddish tinge in places. 1x1". £4.50.
59. LUDLAMITE. Blackbird Mine, Cobalt, Idaho, U.S.A. Choice, lustrous, olive coloured sharp terminated crystals to 5 mm. in size, thickly intergrown and covering matrix. 1x1". £8.00.
60. META-CINNABAR. Mount Diablo Mine, Contra Costa Co., California, U.S.A. Sharp, blackish, lustrous crystals mostly around 1 mm. in size, thickly intergrown and scattered over matrix, with minor reddish Cinnabar in association. Specimen A -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50; Specimen B - 1x1x $\frac{1}{2}$ ". £2.25.
61. META-TORBERNITE. Old Gunnislake Mine, Gunnislake, Cornwall. Lustrous, light green platy crystals encrusting a 1x $\frac{1}{2}$ " area on Limonite Gossan with odd smaller crystal plates in places.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.25.



62. MIMETITE. Driggeth Mine, Caldbeck, Cumberland. Choice, lustrous, pale green, sharp curved hexagonal crystals to 3 mm. in size, thickly intergrown and covering cellular Quartz veinstuff.  $3\frac{1}{4} \times 3 \times 1\frac{1}{4}$ ". £4.50.
63. MIMETITE. Mexico Mine, Caldbeck, Cumberland. Lustrous, bright, lime coloured barrel shaped crystals to 4 mm. in size, thickly intergrown on a  $\frac{3}{4} \times \frac{1}{4}$ " area on cellular Quartz with much pitch-like black Psilomelane in association.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.00.
64. MOLYBDENITE. Wolfram Camp, Queensland, Australia. Rich, bright, metallic grey platy crystalline masses to  $\frac{1}{2}$ " in size, thickly scattered through milky Quartz with a little black bladed Wolframite in association.  $2 \times 2$ ". £3.25.
65. NATROLITE. Dean Quarry, St. Keverne, Lizard, Cornwall. Specimen A - Select bladed crystalline divergent lustrous white mass with a  $1.2 \times 1\frac{1}{4}$ " cavernous area with well formed sharp columnar crystals to  $\frac{1}{2}$ " in length protruding and criss-crossing into it. Very minor Calcite in association.  $3\frac{1}{4} \times 2\frac{1}{4} \times 2\frac{1}{2}$ ". £6.50; Specimen B - Select, lustrous, snow white, divergent bladed crystalline mass implanted on Gabbro with minor Analcime in association.  $3\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £2.75.
66. OPAL variety CACHALONG. Slip Quarry, St. Dennis, Cornwall. Rich, lustrous, translucent milky masses with conchoidal fracture associated with slightly smoky Quartz. Specimen A -  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £3.50; Specimen B -  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £2.75.
67. ORPIMENT. Getchell Mine, Humboldt Co., Nevada, U.S.A. Fine, bright, orangey yellow well formed crystals to over  $\frac{1}{4}$ " in size, thickly intergrown on crystalline Orpiment with minor Reddish Realgar. Very colourful specimens. Specimen A -  $3 \times 2 \times 1\frac{1}{2}$ ". £6.50; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £5.50; Specimen C -  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £2.50; Specimen D -  $1\frac{1}{4} \times 1$ ". £1.50.
68. PERICLINE (Variety of Albite). St. Gotthard, Ticino, Switzerland. Very choice sharp terminated creamy white crystals to  $\frac{1}{2}$ " in size, scattered over and free standing on matrix, with odd very sharp translucent creamy coloured crystals of ADULARIA to  $\frac{1}{2}$ " in size.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £17.00.
69. PHARMACOSIDERITE. Padn-an-Drea Mine, Redruth, Cornwall. Lustrous, light green small sharp crystals richly intergrown on Gossan matrix, with some of the crystals stacked up in small stalactitic masses in places.  $2 \times 1$ ". £3.50.
70. PSEUDOMALACHITE. Virneberg Mine, Rheindreibach, Rhineland, Germany. Choice, lustrous dark green small sharp crystals and crystalline masses thickly intergrown and encrusting milky Quartz.  $3 \times 1\frac{1}{2} \times 1$ ". £16.50.
71. PYRITES. Llallagua, Bolivia. Bright, golden, well formed octahedral crystals to 1 cm. in size, thickly intergrown and covering massive Pyrites, with odd sharp crystals of dark brown Sphalerite to  $\frac{1}{4}$ " in size, and with odd small black needle crystals of Cassiterite on the reverse of the specimen.  $3\frac{1}{2} \times 3 \times 1$ ". £7.00.
72. PYRITES. Trepcia, Yugoslavia. Very bright, golden, modified cubic crystals, to 1 cm. in size, and showing sharp striations, scattered over crystalline Pyrite/Sphalerite matrix, and almost completely frosted over with a crust of small sharp creamy Calcite crystals. The large Pyrites crystals protrude through the crust to form an interesting and attractive specimen.  $3\frac{1}{2} \times 2\frac{1}{4}$ ". £6.50.
73. PYROMORPHITE. Roughtengill Mine, Caldbeck Fells, Cumberland. Choice lime green sharp tapering hexagonal crystals to 5 mm in length thickly intergrown and encrusting cellular quartz veinstuff.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " £11.00.
74. PYROMORPHITE. Pontgibaud, Puy-de-Dome, France. Lustrous light yellowish elongated hexagonal crystals to  $\frac{1}{4}$ " in length, richly scattered and lying flat on matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ " £4.50p.
75. PYROMORPHITE. Tennant Creek, N. Terr., Australia. Lustrous lime green sharp squat terminated hexagonal crystals to 5 mm in size, richly scattered and free standing on gossan matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ " £4.50p.



68. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Very choice large sharp metallic bronzey hexagonal crystals, the largest being nearly  $\frac{3}{4}$ " in size, thickly intergrown on a  $2\frac{1}{2} \times 1\frac{1}{2}$ " cavernous area on massive pyrrhotite, with a little bright crystallised quartz, odd small crystals of light brown lenticular siderite, and minor bright crystals of Galena in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ " £17.00.
77. QUARTZ. Idarado Mine, Ouray Co., Colorado, U.S.A. Superb, lustrous group of sharp slightly milky, elongated terminated crystals, mostly clear, free-standing and criss-crossing on massive vein quartz. Most of the crystals are  $1''-1\frac{1}{4}''$  in length, with one free standing crystal  $2\frac{1}{4}''$  in length protruding from the rest. Excellent specimen for cabinet or museum display, which is virtually free of damage.  $5 \times 3\frac{1}{2} \times 2\frac{3}{4}''$  high. £44.00.
78. QUARTZ. Wheal Jane, Kea, Cornwall. Choice, sharp, elongated, terminated milky crystals to  $1''$  in length, richly encrusting and free standing on Quartzose veinstuff, with much bright black crystallised Sphalerite and a little iron Pyrites in association. Good specimen for display.  $9\frac{1}{2} \times 5\frac{1}{2} \times 2''$  high. £16.50.
79. QUARTZ variety AMETHYST. Minas Gerais, Brazil. Choice, bright, transparent, purple crystals to  $1$  cm. in size, thickly intergrown and completely encrusting Chalcedonic matrix. The colour is very even throughout all the crystals and the specimen is choice for display.  $7\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{2}''$ . £7.50.
80. SAMARSKITE. Antananalaza, Madagascar. Pure, resinous, black mass with conchoidal fracture, showing some good crystals faces on two sides.  $1\frac{1}{2} \times 1 \times \frac{1}{2}''$ . £1.75.
81. SCHOLZITE. Reaphook Hill, Flinders Range, S. Australia. Specimen A - Choice, lustrous, colourless to creamy elongated needle crystals to  $\frac{1}{4}''$  in length, thickly intergrown and covering large areas on Limonitic Gossan.  $3 \times 2''$ . £8; Specimen B - As Specimen A - with the crystals lining large cavities in matrix -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}''$ . £4.50; Specimen C - As Specimen A - with the crystals thickly intergrown on a  $1\frac{1}{2} \times 1''$  area on matrix -  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{8}''$ . £3.50.
82. SCODODITE. Cligga Mine, Perranzabuloe, Cornwall. Rich crusts of pale olive green sparkling micro crystals on massive black bladed WOLFRAMITE. Specimen A -  $2\frac{1}{4} \times 1\frac{1}{4} \times 1''$ . £2.75; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{4}''$ . £2.25.
83. SERANDITE. Mont St. Hilaire, Quebec, Canada. A select lustrous salmon pink well formed composite crystal  $1\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}''$  in size, with hexagonal brownish plates of POLYLITHIONITE and a  $\frac{1}{4}''$  lime green coloured sharp crystal of LEUCOPHANITE attached. £13.00; Specimen B - Select salmon pink bladed crystalline mass with an area  $\frac{3}{4} \times \frac{1}{2}''$  showing well formed crystals, and with odd plates of Polylithionite attached in places.  $2 \times 1\frac{1}{4} \times 1''$ . £7.00.
84. NATIVE SILVER. Freiberg, Saxony, Germany. Choice, light silvery coiled wires, thickly intergrown on massive gray Argentite.  $1 \times 1''$ . £9.00.
85. SMITHSONITE. Broken Hill, N.S. Wales, Australia. Lustrous, translucent, creamy coloured curved "rice grain" crystals to  $5$  mm. in size, attractively scattered over both sides of velvety black stalactitic Psilomelane.  $2 \times \frac{1}{4}''$ . £1.25.
86. SPECULARITE. Parkside Mine, Frizington, Cumberland. Bright black sharp platy crystals to  $5$  mm. in size, thickly intergrown and completely encrusting botryoidal Hematite, with a  $2 \times 1\frac{1}{4}''$  cavity on the reverse of the specimen lined with large bright, translucent, sharp smoky Quartz crystals to over  $\frac{1}{2}''$  in size, Attractive old time specimen.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}''$ . £12.00.
87. SPHENE. Risør, Norway. A large lustrous well formed brownish black terminated crystal  $1\frac{1}{2} \times 1''$  in size, implanted on matrix with other partial crystals of Sphene.  $2 \times 1\frac{1}{4}''$ . £3.25.
88. SPHENE. Capelinha, Minas Gerais, Brazil. Specimen A - Small, sharp, transparent pale yellowish bright crystals, the largest being  $\frac{1}{4}''$  in size, richly scattered over both sides of matrix with large crystals of well formed creamy ALBITE to  $1$  cm. in size, and numerous small, bright, olive green crystals of Epidote.  $2\frac{1}{2} \times 2\frac{1}{2}''$ . £5.50; Specimen B - Small, bright, sharp, transparent yellowish crystals scattered over both sides of matrix with much crystallised Albite, the largest crystal being  $\frac{1}{2}''$  in size, and with very minor crystallised Epidote in association.  $2 \times 2''$ . £3.25.



89. SPHALERITE. Wheal Jane, Kna, Cornwall. Lustrous, black, well formed crystals to  $\frac{1}{4}$ " in size, thickly intergrown and scattered over cellular Quartz veinstuff with odd sharp milky elongated terminated crystals of Quartz to  $\frac{1}{4}$ " in length, and minor crystallised Pyrite in association.  $5 \times 3 \times 1\frac{1}{2}$ ". £7.00.
  90. SPHALERITE. Příbram, Bohemia, Czechoslovakia. Very bright blackish sharp crystals to 5 mm. in size, richly scattered over drusy crystallised Quartz on massive milky Quartz matrix.  $3 \times 2 \times 1\frac{1}{2}$ ". £5.50.
  91. SPHALERITE. Boltsburn Mine, Rookhope, Co. Durham. Choice, very bright black, sharp crystals to  $\frac{1}{4}$ " in size, thickly intergrown and completely covering both sides of cavernous Sphalerite/Quartz matrix, with a rib of bright metallic grey intergrown Galena crystals, to  $\frac{1}{4}$ " in size, crossing the top of the specimen. Excellent old specimen which was collected in the early 1920's, choice for display.  $7 \times 6 \times 4\frac{1}{2}$ " high. £28.00.
  92. STIBNITE. Iyo Province, Shikoku Island, Japan. Pure, bright metallic grey intergrown striated crystallised mass. The longest crystals are approx. 1" in length.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £9.00.
  93. STILBITE. Jewel Tunnel, Poona, India. Select, lustrous, creamy coloured large terminated sheaves of crystals to  $1\frac{1}{2}$ " in size, thickly intergrown on Basalt matrix, and with sharp transparent colourless crystals of APOPHYLLITE to  $\frac{1}{4}$ " in size, richly scattered over the Stilbite crystals. Specimen A - Choice for display.  $5 \times 4\frac{1}{2} \times 2\frac{1}{2}$ ". £11.00; Specimen B -  $3 \times 2\frac{1}{2} \times 2$ ". £5.00.
  94. STILPNOEMLANE. Landsvark, Evja, Norway. Rich, dark greenish platy crystallised masses richly aggregated and scattered over pure cleavages of slightly pinkish Microcline Feldspar. Specimen A -  $3 \times 2 \times 1\frac{1}{2}$ ". £3.25; Specimen B -  $2 \times 1\frac{1}{2} \times 1$ ". £2.25; Specimen C -  $1\frac{1}{2} \times 1 \times 1$ ". £1.25.
  95. TANTALITE. Ankole District, Uganda. A well formed lustrous black terminated single crystal.  $1\frac{1}{2}$ " long  $\times$   $\frac{3}{4}$ " by  $\frac{3}{4}$ " across the axis. £4.50; Specimen B - A portion of a lustrous black crystal showing some good sharp crystal faces.  $1 \times \frac{3}{4} \times \frac{3}{4}$ ". £2.50.
  96. TYUYAMUNITE. Atomic King Mine, Moab, Utah, U.S.A. Rich lemon yellow thick crust covering uraniferous Sandstone.  $2 \times 1\frac{1}{2} \times 1$ ". £2.25.
  97. VANADINITE. Mibladen, Nr. Midelt, Atlas Mts., Morocco. Choice, bright, deep red sharp hexagonal crystals to  $\frac{1}{4}$ " in size, richly scattered and free standing on a light coloured matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £8.00.
  98. VESUVIANITE. Madoc, Ontario, Canada. Fine, very sharp, blackish lustrous terminated crystal  $\frac{1}{2}$ " in size, partially embedded in Calcite matrix.  $1 \times \frac{1}{2}$ ". £4.50.
  99. WOLFRAMITE. Panasqueira, Beira-Beixa, Portugal. Specimen A - Choice, bright black large striated doubly terminated sharp crystal 4" long  $\times$  2" by 1" across the axis, with another crystal  $2 \times 2$ " by  $\frac{3}{4}$ " attached in parallel growth and with other smaller terminated crystals also attached. There is a minor amount of drusy crystallised Siderite partially encrusting the terminations of the crystals, and a slight frosting of Calcite on one side. Overall size  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £44.00; Specimen B - Choice, lustrous black striated sharp doubly terminated single crystal. 4" long  $\times$  1" by 1" across the axis. £23.00.
  100. WOLFRAMITE. Wheal Vincent, Alternun, Cornwall. Rich, bright black, bladed mass intergrown with a little milky Quartz.  $3 \times 2 \times 1\frac{1}{2}$ ". £2.75.
  101. WULFENITE. Cuchillo Parado, Chihuahua, Mexico. Bright, transparent sharp yellowish tabular crystals to 4 mm. in size, richly scattered over cellular matrix with much silky botryoidal lime green Mimetite in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00.
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RICHARD W. BARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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 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.

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#### MARCH 1976

1. **ANGLESITE.** Monteponi, Iglesias, Sardinia. Select, large, sharp elongated terminated crystals to 1" in length, richly intergrown on crystalline Anglesite matrix. Some of the crystals show a partial alteration to Cerussite.  $2\frac{1}{2} \times 1$ ". £13.00.
2. **APATITE.** Ehrenfriedersdorf, Saxony, Germany. Two fine, sharp, terminated transparent pale blue crystals each approx.  $\frac{1}{4}$ " in size, implanted in a cavity in Quartzose matrix with minor smaller crystals of Apatite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50.
3. **APATITE.** Tremearne Cliff, Porthleven, Cornwall. Lustrous, translucent, pale blue hexagonal crystals to 5 mm. in size, intergrown and scattered on a  $\frac{1}{2} \times \frac{1}{2}$ " area on crystalline Orthoclase/Quartz rich Pegmatite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £1.25.
4. **APATITE.** Panasqueira, Beira-Beixa, Portugal. Very choice large translucent sea-green coloured sharp well formed hexagonal crystal of dimensions  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ", with a well terminated sharp black Wolframite crystal  $1\frac{1}{4}$ " long x  $1 \times 1$ " across the axis attached on one side. The base of the specimen is partially frosted with drusy crystallised creamy white Calcite. Overall size  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £27.50.
5. **NATIVE ARSENIC.** Burraton Coombe Qry., St. Stephen-by-Saltash, Cornwall. Pure, dark grey, metallic masses showing slightly pitted surfaces. Specimen A -  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25; Specimen B -  $1\frac{1}{4} \times 1$ ". £1.50.
6. **ARSENOPYRITE.** Parrall, Chihuahua, Mexico. Specimen A - Choice, bright, silvery sharp doubly terminated crystals to  $\frac{1}{2}$ " in size, forming a pure intergrown crystallised mass, with odd small elongated milky Quartz crystals in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.50; Specimen B - As Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £5.50; Specimen C - A pure bright intergrown group of sharp crystals, the largest being over a  $\frac{1}{2}$ " in size,  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
7. **AZURITE.** Copper Queen Mine, Bisbee, Cochise Co., Arizona, U.S.A. Bright, sparkling, small sharp deep blue crystals and crystal rosettes, thickly lining numerous large cavities in cellular massive Azurite, showing a concentric banded structure in places, with very minor green Malachite in association. Choice and very colourful specimen.,  $3\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £14.00.
8. **AZURITE.** Tynagh Mine, Co. Galway, Eire. Select bright blue small sparkling crystals richly lining cavities in cellular Azurite with a little creamy white Barytes and thin light green micro crystallised crusts of Pyromorphite in places.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11.00.



9. BARYTES. Hailemoor Mine, Egremont, West Cumberland. Specimen A - Choice, lustrous, creamy white sharp tabular crystals  $\frac{1}{2}$ " in size, thickly intergrown and completely encrusting orangey red massive Barytes. Nice specimen for display.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £12.00; Specimen B - Select lustrous pinkish white bladed tabular crystals to 1" in size, thickly intergrown and encrusting Hematite/Barytes matrix. Good display specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £8.00.
10. BARYTOCALCITE. Nentsberry Mine, Alston Moor, Cumberland. Fine, sharp, creamy spear-like crystals mostly around  $\frac{1}{2}$ " in size, thickly intergrown and completely encrusting Limestone matrix. All the crystals have a later thin encrustation of white micro crystalline Barytes. The crystals are large and well formed for this mineral and the sample came from an area of the mine known as the Admiralty Flats; a lease which belonged to the Greenwich Naval Hospital.  $5 \times 3\frac{1}{2} \times 2\frac{1}{2}$ " high. £23.00.
11. BOLEITE. Boleo, Baja California, Mexico. Four sharp perfect lustrous deep blue cubic crystals, each approx. 4mm. on face edge, partially embedded in light brownish Limonite Gossan. Excellent matrix specimen of this rare mineral from a new discovery at the old classic location.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £28.00.
12. BORNITE. Dolcoath Mine, Camborne, Cornwall. Very rich, attractively tarnished, purply metallic mass intergrown with a little Quartz and minor brassy Chalcopryite.  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ". £3.25.
13. BOTRYOGEN. Libiola, Liguria, Italy. Choice, sharp, lustrous, orangey coloured crystals to 3 mm. in size, forming a rich cellular crystallised mass with brownish Limonite in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £12.00.
14. CALCITE. Stank Mine, Furness, N. Lancashire. Lustrous transparent to translucent sharp elongated tapering terminated crystals, most having an attractive reddish brown hue, due to inclusions of Hematite, to 1" in length, intergrown, freestanding and completely encrusting a dome shaped matrix. Choice old time specimen suitable for display.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £22.00.
15. CALCITE. Sweetwater Mine, Iron Co., Missouri, U.S.A. A well formed translucent tapering terminated pale honey coloured crystal, showing internal zoning, with a  $1\frac{1}{2} \times 1$ " area of crystallised Galena and brassy crystallised Chalcopryite on one side. Overall size  $4\frac{1}{2}$ " long  $\times$   $2\frac{1}{2} \times 2\frac{1}{2}$ " across the base. £6.50.
16. CASSITERITE. Galicia, Spain. Select, lustrous, light brownish well formed large sharp twinned crystals, with minor smaller crystals attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £14.00.
17. CASSITERITE. St. Michaels Mount, Marazion, Cornwall. Sharp, bright blackish twinned crystals to nearly 1 cm. in size, intergrown in a  $1\frac{1}{2} \times 1$ " cavity in Quartz veinstuff, with odd lustrous black masses of Cassiterite, shavings of Muscovite Mica and a little Greisen wallrock attached.  $3 \times 2 \times 1\frac{1}{4}$ ". £11.00.
18. CASSITERITE. Great Work Mine, Breage, Cornwall. Specimen A - Bright, very sharp, brownish black twinned crystals to 4 mm. in size, thickly intergrown and completely encrusting a flat matrix.  $1\frac{1}{2} \times 1$ ". £4.50; Specimen B - Bright, blackish sharp twinned crystals to 5 mm. in size richly intergrown and scattered in cavities in massive Cassiterite/crystalline Chlorite veinstuff.  $2 \times 1 \times 1$ ". £3.25.
19. BELESTITE. Agrigento, Sicily, Italy. Specimen A - Lustrous, translucent sharp terminated creamy crystals to  $\frac{1}{2}$ " in length free standing and intergrown on Celestite/yellow sulphur matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50; Specimen B - Bright creamy well formed terminated crystals aggregated in divergent sprays to  $\frac{1}{2}$ " in length, on yellow Sulphur matrix, with a slight frosting in places of small spiky Aragonite crystals.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50.
20. CERUSSITE. Broken Hill, N.S. Wales, Australia. Specimen A - Select, lustrous, creamy white "jack straw" crystals to  $\frac{1}{2}$ " in length thickly intergrown and covering a  $2\frac{1}{2} \times 1\frac{1}{4}$ " area on blackish Psilomelane coated Quartz Gossan.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £5.50; Specimen B - As Specimen A with the crystals, covering most of the matrix -  $2\frac{1}{2} \times 2\frac{1}{4}$ ". £4.50.



21. CHALCOPYRITE. Wheal Buller, Nr. Redruth, Cornwall. Well formed bright, brassy, sharp twinned crystals, to 5 mm. in size, richly scattered over drusy crystallised Quartz covering Quartz/Chalcopryrite/Chlorite veinstuff.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
22. CHALCOPYRITE. Mid-Continent Mine, Treece, Kansas, U.S.A. Fine bright brassy very sharp sphenoidal crystals to 9 mm. in size, very richly scattered over a matrix of intergrown pale creamy pink curved "saddle" shaped crystals of Dolomite.  $4\frac{1}{2} \times 3\frac{1}{2}$ ". £12.00.
23. CHALCOPYRITE. Dreislar, Sauerland, Germany. Specimen A - Attractive iridescently tarnished sharp twinned crystals to 5 mm. in size, richly scattered over a matrix of intergrown large, sharp, pinkish white bladed crystals of Barytes, the crystals ranging up to 1" in size. There are also odd small creamy coloured rhombs of Dolomite scattered on the specimen.  $4 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £8.00; Specimen B - Bright slightly tarnished twinned crystals to 5 mm. in size, richly scattered over both sides of an intergrown bladed crystallised mass of lustrous pinkish white Barytes.  $2\frac{1}{2} \times 2\frac{1}{2}$ ". £4.50.
24. CHALCOPYRITE variety "BLISTER COPPER". Cooks Kitchen Mine, Camborne, Cornwall. Select, light brassy, well formed botryoidal mass.  $1\frac{1}{2} \times 1$ ". £2.50.
25. CHRYSOTILE (variety of Asbestos.) Penge Mine, Transvaal, S. Africa. Choice, silky, fibrous, greenish vein section. Good specimen for study or economic display.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25.
26. NATIVE COPPER. Creagbrowse Mine, Gwennap, Cornwall. Rich, hackly, crystallised mass with odd fragments of Quartz attached, and showing a dendritic feathery structure in places. The copper has an unusual dark greenish coating on it, which appears to be micro crystallised in places.  $3\frac{1}{4} \times 2 \times 1$ ". £7.00.
27. NATIVE COPPER. Wheal Gorland, St. Day, Cornwall. Specimen A - Very rich bright metallic heavy crystallised cellular mass with minor fragments of Quartz attached.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £8.50; Specimen B - Bright, metallic, crystallised masses richly intergrown on and forming thick veins in white leached Gossany Quartz.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ". £5.50; Specimen C - Bright metallic well crystallised cellular mass with a little milky Quartz in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25; Specimen D - Bright metallic crystallised masses and veinlets on and in cellular Gossany Quartz.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.25.
28. NATIVE COPPER. Santa Rita, New Mexico, U.S.A. Very bright coppery dendritic ramifying crystallised mass with odd small fragments of matrix attached.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
29. CROCOITE. Adelaide Mine, Dundas, Tasmania. Specimen A - Choice, bright orangey well formed elongated columinar crystals to 1 cm. in length, richly scattered over and intergrown in cellular light brown Limonitic matrix.  $3 \times 2 \times 1\frac{1}{4}$ ". £9.00; Specimen B - Bright orangey elongated columinar crystals to 1 cm. in length thickly intergrown and completely encrusting dark brown Limonitic matrix.  $2\frac{1}{2} \times 2$ ". £7.75; Specimen C - Rich, bright orangey translucent elongated crystals to 1 cm. in length, thickly intergrown with much brownish cellular Limonite in association.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £6.50. All the above are colourfull, attractive specimens.
30. CUPRITE. Carn Brea Mine, Illogan, Cornwall. Choice, bright, cellular masses composed of small sharp deep red octahedral crystals intergrown with a little crystalline Native Copper. Specimens each approx.  $1 \times \frac{1}{4}$ ". £1.25p each.
31. DIOPSIDE. Testa Garva, Val d'Ala, Piedmont, Italy. Specimen A - Well formed translucent pale sage green coloured elongated terminated crystals to  $\frac{1}{4}$ " in length, richly intergrown and free standing on a  $1\frac{1}{4} \times 1$ " area on massive Garnet matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen B - Lustrous transparent elongated olive green coloured crystals to 1 cm. in length lying flat on crystalline Chlorite matrix.  $1\frac{1}{4} \times 1$ ". £2.25.



32. DIOPTASE. Tsumeb, Otavi, S.W. Africa. Specimen A - Choice, bright emerald green, sharp well formed crystals mostly around 3 - 4 mm. in size, thickly intergrown and completely encrusting a  $3\frac{1}{2} \times 2\frac{1}{2}$ " area on cellular matrix. On the reverse of the specimen there are numerous sharp bright doubly terminated crystals to 4 mm. in size, scattered in large cavities. Choice for display.  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £23.00; Specimen B - Bright emerald green sharp translucent crystals to 4 mm. in size, richly intergrown and scattered over a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area on drusy crystallised Calcite covering Limestone matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £6.50; Specimen C - Bright emerald green sharp crystals to 4 mm. in size, thickly intergrown and lining large cavities in cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50.
33. DUFTITE. Tsumeb, Otavi, S.W. Africa. Specimen A - Fine, lustrous olive green, well formed rosettes of crystals thickly intergrown and forming cellular crystallised masses and covering most of a massive Duftite/Cerussite matrix. Associated with the Duftite crystals are numerous creamy white well formed crystals of CERUSSITE to 1 cm. in size, and a little blackish botryoidal Psilomelane.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £13.00; Specimen B - Choice, lustrous olive green small drusy crystals forming a rich cellular mass with much creamy white drusy crystallised Dolomite and odd well formed glassy crystals of Cerussite to 1 cm. in size, in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
34. EPIDOTE. Le Bourg d'Oisans, Isere, France. Select, lustrous olive green elongated columnar crystals thickly intergrown and completely encrusting matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00.
35. FLUORITE. West Pastures Mine, Nr. Stanhope, Co. Durham. Fine, transparent, light apple green coloured sharp cubic crystals to over  $\frac{1}{2}$ " on face edge, attractively scattered over and intergrown on a light brown matrix of crystallised Siderite with odd dark blackish slightly corroded crystals of Sphalerite in association. Choice specimen for display.  $6 \times 4$ ". £14.00.
35. FLUORITE. Cammock Eals Mine, Weardale, Co. Durham. Sharp, transparent, light green cubic crystals to 1 cm. in size, thickly intergrown on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.25.
36. FRANKLINITE. Franklin, Sussex Co., New Jersey, U.S.A. Choice, large, bright black octahedral crystals and crystalline masses to 15 mm. in size, richly embedded in and scattered through white Calcite with minor massive apple green Willemite in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £11.00.
37. GADOLINITE. Satersdal, Vest-Agder, Norway. Pure, jet black, resinous mass showing conchoidal fracture with very minor microcline Feldspar attached.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
38. GALENA. Blackdene Mine, Weardale, Co. Durham. Select, very bright, silvery grey pure metallic plates composed of numerous sharp intergrown cube-octahedral crystals to 1 cm. on face edge. The crystals cover both sides of the specimens. Specimen A -  $3\frac{1}{4} \times 3$ ". £11.00; Specimen B - with odd small crystals of Pyrite and Calcite in association.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
39. GALENA. Great Laxey Mine, Isle of Man. Choice, dark metallic grey modified cube-octahedral crystals, the largest having face edges of  $1\frac{1}{2}$ ", thickly intergrown and covering most of a Quartz/Slate matrix. Some of the Galena crystals show interesting etch patterns and there is a little blackish crystallised Sphalerite in association.  $6\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2}$ ". £17.00.
40. GALENA. East Wheal Rose, Newlyn East, Cornwall. A bright metallic grey group composed of two large well formed modified cubic crystals with face edges of approx. 1". Overall size  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.25.
41. GASPEITE. Ottershoot Orebody, Kambalda, W. Australia. Pure, light apple green, mass; rich example of this rare nickel mineral.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
42. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Bright, sharp, elongated terminated blackish crystals to 8 mm. in length scattered in a  $1\frac{1}{2} \times 1$ " drusy Quartz cavity in cellular Quartz matrix with areas of bright crystalline Goethite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £4.50.



3. NATIVE-GOLD. Ural Mts., Siberia, Russia. Very rich golden platy masses on and in milky vein Quartz.  $1\frac{1}{4} \times 1\frac{1}{4}$ ". £13.00.
44. NATIVE GOLD. Silverton, Colorado, U.S.A. Rich bright golden hackly masses on and in milky Quartz with much Galena and odd small masses of Chalcopyrite in association.  $1\frac{1}{4} \times 1 \times 1$ ". £11.00.
45. HEMIMORPHITE. La Esmeralda Mine, Durango, Mexico. Specimen A - Thick lustrous turquoise blue botryoidal mass covering Barites matrix.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00; Specimen B - As Specimen A - but of a slightly lighter blue colour -  $4 \times 2 \times 1$ ". £6.50. Both specimens are colourful and attractive for display.
46. HEMIMORPHITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A - Select transparent elongated terminated bladed crystals to 5 mm. in length, associated with numerous large bright creamy coloured sharp rhombic crystals of Calcite to 1" on face edge, completely encrusting a cellular Limonitic matrix. Choice for display.  $7 \times 5 \times 2$ ". £17.00; Specimen B - As Specimen A - but with the Calcite crystals ranging to just over  $\frac{1}{2}$ " in size.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00.
47. HESSONITE (variety of Grossular Garnet). Val d'Ala, Piedmont, Italy. Very bright, transparent, sharp orange crystals to 3 mm. in size, richly encrusting matrix with several translucent creamy coloured sharp APATITE crystals to  $\frac{1}{4}$ " in size, a little crystalline Diopside and greenish Clinocllore in association.  $2 \times 1\frac{1}{4}$ ". £6.50.
48. HEULANDITE. Jewel Tunnel, Poona, India. Choice, sharp, transparent, pearly colourless to creamy crystals, mostly around 8 mm. in size, thickly intergrown and completely encrusting Basalt matrix.  $2\frac{1}{4} \times 2$ ". £3.50.
49. HYDROZINCITE. Brownley Hill Mine, Nanthead, Cumberland. Very rich, thick, snow-white, mamillary crusts completely covering cellular matrix. Specimen A -  $3\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75.
50. JAMESONITE. Treore Mine, St. Endellion, Cornwall. Rich, metallic grey, fibrous mass, intergrown with milky vein Quartz.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £3.50.
51. MAGNETITE. Traversella, Piedmont, Italy. Specimen A - Large, lustrous black, sharp well formed crystals to 9 mm. in size, richly intergrown on a  $1\frac{1}{4} \times 1\frac{1}{4}$ " area on massive crystalline Magnetite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00; Specimen B - Sharp, lustrous black, well formed crystals to  $\frac{1}{4}$ " in size, intergrown and partially embedded in Magnetite/Chlorite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
52. MALACHITE Pseudomorph after AZURITE. Burra-Burra, Yorke Pen., S. Australia. Choice, large rosettes of well formed crystals entirely replaced by light green silky Malachite, thickly intergrown and associated with a little white Quartz. The crystal rosettes range up to 15 mm. in size, with individual crystals to 5 mm.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00.
53. MALACHITE. Carn Brea Mine, Illogan, Cornwall. Rich, thick, light green mammillary mass covering Chalcocite/Quartz veinstuff.  $2 \times 1\frac{1}{4}$ ". £3.25.
54. MALAYAITE. Meldon, Dartmoor, Devon. Very rich, waxy yellow, masses intergrown with Wollastonite Hornfels, with odd specks of Arsenopyrite. All specimens show a bright greenish white fluorescence under short wave u.v. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £5.50; Specimen B -  $2 \times 1\frac{1}{2}$ ". £3.75; Specimen C -  $1\frac{1}{2} \times 1 \times 1$ ". £2.50.
55. MARCASITE. Vintirov, Near Sokolov, Bohemia, Czechoslovakia. Choice, bright, light brassy coloured metallic pure mass of large sharp intergrown crystals, with no matrix attached. The crystals range in size up to  $\frac{1}{4}$ " and are stacked in parallel growth, the only point showing any attachment being at the base of the specimen.  $3 \times 2\frac{1}{4} \times 2$ ". £15.00.
56. MARCASITE. South Crofty Mine, Illogan, Cornwall. Specimen A - Sharp, light brassy metallic twinned spear shaped crystals to 1 cm. in size, richly intergrown on large areas on a Quartzose veinstuff.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ". £4.50; Specimen B - As Specimen A - with the Marcasite crystals being slightly smaller and richly intergrown in cavities.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.75; Specimen C - As Specimen A - with the crystals thickly intergrown on a  $1 \times \frac{1}{2}$ " area.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.25.



57. MILLERITE. Coedely Colliery, Llantrisant, Glamorgan, S. Wales. Select, light brassy divergent spray of needle crystals  $\frac{1}{2}$ " in length implanted in a cavity with lenticular crystallised Siderite in clay-ironstone.  $2 \times 2 \times 1\frac{1}{2}$ ". £6.50.
58. MIMETITE. variety CAMPYLITE. Drygill Mine, Caldbeck, Cumberland. Specimen A - Choice, lustrous, orangey yellow well formed barrel shaped crystals to  $\frac{1}{4}$ " in size, intergrown and completely encrusting the surface on one side of crystallised Quartz matrix.  $2 \times 1 \times 1$ ". £7.00; Specimen B - Select, lustrous, orange barrel shaped crystals to 5 mm. in size, forming an attractive intergrown mass with a little blackish Psilomelane attached.  $1 \times \frac{1}{4}$ ". £2.25.
59. MORDENITE. Tairua River, Tairua, New Zealand. Two cavities in altered metamorphosed Limestone matrix, each approx.  $\frac{1}{4} \times \frac{1}{4}$ " in size, one showing silky needle white crystals of Mordenite completely lining it, the other showing creamy coloured radiated tufts of Mordenite crystals scattered about in it.  $4 \times 2 \times 1\frac{1}{2}$ ". £2.50.
60. NATROLITE. Talisker, Isle of Skye, Scotland. Choice, lustrous, translucent, elongated terminated crystals to 1 cm. in length, intergrown and completely encrusting Basalt matrix. Most of the crystals are free standing and show radial growth.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
61. NICCOLITE. St. Austell Consols Mine, St. Stephen, Cornwall. Rich, pinkish metallic mass associated with a little silvery grey Smaltite, creamy Siderite and pale brassy Pyrite.  $2\frac{1}{4} \times 1 \times 1$ ". £2.25.
62. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Sharp, well formed dark olive green crystals to 3 mm. in size, thickly scattered in large cavities in cellular Quartz Gossan.  $2 \times 2 \times 1\frac{1}{4}$ ". £5.50.
63. PARAHOPEITE. No. 2 Kopje, Broken Hill Mine, Nr. Kabwe, Zambia. Select, well formed slightly ironstained creamy crystals to 4 mm. in size, thickly intergrown and encrusting cellular matrix.  $2\frac{1}{4} \times 1\frac{1}{2}$ ". £5.50.
64. PHARMACOSIDERITE. Penberthy Croft Mine, St. Hilary, Cornwall. Light green small well formed drusy crystals richly aggregated and encrusting cellular Quartz/Chlorite/Arsenopyrite vein stuff.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
65. PYRITES. Quiruvilca, Lahibertad Dept., Peru. Choice, very bright, brassy, modified complex crystals stacked one upon another to form a pyramidal shaped specimen. The individual crystals range up to  $\frac{1}{2}$ " in size, and the specimen is good for display.  $3 \times 2 \times 1\frac{1}{4}$ ". £16.50.
66. PYRITES. Gavorrano Mine, Tuscany, Italy. A plate of bright brassy intergrown slightly flattened crystals completely encrusted on one side and along two edges with lustrous white intergrown rhombic DOLOMITE crystals.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £4.50.
67. PYROLUSITE. Ilfeld, Harz, Germany. Bright, black, sharp bladed crystals to  $\frac{1}{4}$ " in length, thickly intergrown and completely encrusting massive crystalline Pyrolusite matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
68. PYROXENE. Bancroft, Ontario, Canada. A large, dark blackish green, well formed terminated crystal  $2\frac{1}{2}$ " long by  $\frac{1}{4} \times \frac{1}{4}$ " across the axis, with a large translucent creamy white well formed SCAPOLITE crystal  $1\frac{1}{2} \times 1\frac{1}{4}$ " in size attached on one side. Overall size  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £5.00.
69. QUARTZ. Wheal Jane, Kea, Cornwall. Specimen A - Very choice, plate completely encrusted with fine free standing elongated translucent to transparent slightly milky terminated crystals to  $1\frac{1}{2}$ " in length. There are odd small cubes of iron Pyrites scattered here and there on the specimen. Very attractive for cabinet display.  $7 \times 4\frac{1}{2} \times 2$ " high. £17.00; Specimen B - Choice, long, slender elongated transparent to translucent crystals to  $1\frac{1}{4}$ " in length free standing and encrusting the entire surface, one side and the reverse of the specimen. There are odd well formed cubes of iron Pyrites in places.  $5 \times 2\frac{1}{2} \times 2$ ", Choice for display - £11.00.



70. QUARTZ. Wheal Jane, Kea, Cornwall. Specimen A - Select translucent, slightly milky coloured stout elongated terminated crystals to  $1\frac{1}{2}$ " in length, and  $\frac{3}{4}$ " across the axis, attractively intergrown and free standing on matrix, with a slight dusting of drusy crystallised brassy iron Pyrites towards the terminations. Nice for display.  $3\frac{1}{4} \times 2\frac{1}{4} \times 2$ " high. £6.50; Specimen B - Transparent, sharp, elongated terminated crystals mostly around  $\frac{1}{2}$  -  $\frac{3}{4}$ " in length, with a faint greenish tinge due to inclusions of Chlorite, thickly intergrown and free standing on massive milky Quartz, with odd small light brassy crystals of Pyrite scattered here and there.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " high. £3.25; Specimen C - As Specimen B -  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ " high. £2.50; Specimen D - Lustrous milky coloured, pyramidal crystals mostly around 4 - 5 mm. in size, thickly encrusting matrix with numerous small very bright brassy cubic Pyrite crystals scattered on them.  $2\frac{1}{2} \times 2\frac{1}{2}$ ". £2.25.
71. QUARTZ variety MORION. Goonvean Claywork, St. Dennis, Cornwall. Choice, translucent light smoky coloured sharp pyramidal crystals to 1" in size, thickly intergrown and encrusting a dome shaped specimen. Good sample for display.  $4\frac{1}{2} \times 3\frac{1}{4} \times 4$ " high. £13.00.
72. RHODONITE. Broken Hill, N.S. Wales, Australia. Select, small group, of intergrown translucent rose coloured well formed tabular crystals.  $\frac{1}{4} \times \frac{1}{2}$ ". £2.25.
73. RHODOCHROSITE. Catamarca, Argentina. Choice, lustrous, slightly frosted large pink rhombic crystals to  $\frac{3}{4}$ " in size, thickly intergrown on massive Rhodochrosite.  $2\frac{3}{4} \times 1\frac{3}{4}$ ". £13.00.
74. RHODOCHROSITE (Replacing Calcite). Kassandra, Chalkidiki, Greece. Fine, large, stacked up Calcite crystals mostly around  $\frac{1}{2}$ " in size, which have been completely replaced by bright Pink Rhodochrosite. The crystals are free standing and intergrown and completely cover a cellular Rhodochrosite matrix. Very attractive specimen.  $5 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £16.50.
75. SCHEELITE. Carrock Mine, Carrock Fell, Cumberland. Small sharp translucent creamy coloured octahedral crystals, mostly around 1 mm. in size, richly encrusting areas of cavernous Quartz matrix with a little bladed Wolframite.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.50.
76. SCORODITE. Hemerdon Ball Openworks, Plympton, Devon. Specimen A - Lustrous light olive green sharp crystals to 2 mm. in size, richly lining numerous cavities in Quartz/Greisen matrix.  $3 \times 2 \times 1\frac{1}{4}$ ". £4.50; Specimen B - Slightly smaller lustrous olive green crystals richly intergrown and encrusting Greisen.  $2 \times 1 \times 1$ ". £2.25.
77. SIDERITE. South Crofty Mine, Illogan, Cornwall. Lustrous, light brown, sharp rhombic crystals to  $\frac{1}{4}$ " in size, thickly intergrown and lining large cavities in Quartz/Hematite veinstuff.  $4\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.
78. SIDERITE. Neudorf, Harz, Germany. Large, translucent, light brown, sharp rhombic crystals to  $\frac{1}{2}$ " in size, thickly intergrown on milky Quartz.  $2 \times 1\frac{1}{2} \times 1$ ". £4.50.
79. SIDERITE. Morro Velho Goldmine, Minas Gerais, Brazil. Lustrous, translucent, light tan coloured sharp lenticular crystals to  $\frac{1}{2}$ " in size, thickly intergrown and free standing on matrix, with odd small bright brassy Pyrrhotite crystals scattered here and there.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
80. NATIVE SILVER. Himmelfurst Mine, Freiberg, Saxony, Germany. Choice mass of slightly tarnished silvery intergrown curls and wires with a little massive greyish Argentite in association. Rich old specimen from this classic old location.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £22.00.
81. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Specimen A - Select lustrous light orange to pink sharp rhombic crystals to 1 cm. on face edge, thickly intergrown and completely encrusting surface and sides of matrix.  $4\frac{1}{2} \times 2\frac{1}{4} \times 2$ " high. £11.00; Specimen B - As specimen A - with crystals to  $\frac{1}{4}$ " in size, completely encrusting matrix,  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.



82. SPHALERITE. New Glencrieff Mine, Wanlockhead, Dumfries. Large, bright black sharp modified crystals to over 1" in size, forming a pure intergrown mass with drusy crystallised Quartz covering most of the reverse of the Specimen and a  $1\frac{1}{2}$ " creamy crystallised group of Calcite implanted on one end.  $4 \times 3 \times 1\frac{1}{4}$ ". £11.00.
83. SPHALERITE. Smallclough Mine, Nenthead, Cumberland. Select, large, bright black, sharp crystals to over  $\frac{1}{2}$ " in size, attractively scattered and implanted on drusy micro crystallised Quartz covering Limestone matrix. Good specimen for display.  $6 \times 4\frac{3}{4}$ ". £13.00.
84. SPHALERITE variety "RUBY BLENDE". Nentsberry Mine, Alston Moor, Cumberland. Rich bright sparkling small sharp dark ruby red crystals scattered on and encrusting Limestone. Specimen A -  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £2.80; Specimen B - Not quite so rich as Specimen A -  $2\frac{1}{2} \times 2\frac{1}{4}$ ". £2.25.
85. STANNITE. Mulberry Mine, Lanivet, Cornwall. Rich, tarnished, metallic masses intergrown with a little brassy Chalcocopyrite in Quartz veinstuff. Specimen A -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £1.25.
86. STILBITE. Dean Qry., Lizard, Cornwall. Select replacement of elongated hollow NATROLITE crystals to  $\frac{1}{2}$ " in length, and well formed ANALCIME crystals to  $\frac{1}{2}$ " in size, by drusy micro crystallised STILBITE. The replaced Natrolite and Analcime crystals are thickly intergrown and completely covering gabbro matrix.  $3\frac{1}{2} \times 3$ ". £6.50.
87. SYLVANITE. Cresson Mine, Cripple Creek, Teller Co., Colorado, U.S.A. Silvery metallic feathery masses scattered and aggregated on Phonolite matrix with a little purple Fluorite.  $3 \times 2\frac{1}{4}$ ". £5.50.
88. COLUMBITÉ/TANTALITE Alluvial Concentrate. Jos, Nigeria. Heavy black sand assaying  $Nb_2O_5$  - 67.80%,  $Ta_2O_5$  - 5.40%,  $SnO_2$  - 1.45%,  $TiO_2$  - 2.05%. Sold in plastic bags containing 2 oz. for 40p., 4 oz. for 75p.
89. TARbuttITE. No. 2 Kopje. Broken Hill Mine, Nr. Kabwe, Zambia. Rich, sparkling, creamy coloured small sharp crystals thickly encrusting Limonitic gossan matrix, with small clusters of micro PARAHOPEITE crystals aggregated in places on the Tarbuttite.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11.00.
90. TETRAHEDRITE. Kapnik, Rumania. Choice, bright, silvery grey tetrahedral crystals to 1 cm. in size, scattered and intergrown on crystallised Quartz matrix with a translucent light brownish 8 mm. sized crystal of Sphalerite in association.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ". £13.00.
91. TETRAHEDRITE. Cerro de Pasco, Peru. Very rich pure metallic grey heavy mass with odd spots of brassy Pyrite and Chalcocopyrite and with odd small well formed crystals in cavities.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ". £5.50.
92. TORBERNITE. Chingola Mine, Chingola, Zambia. Bright green sharp platy crystals to 3 mm. in size, richly intergrown and scattered over matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50.
93. TOURMALINE variety SCHORL. Governador Valadares, Minas Gerais, Brazil. Select, sharp, terminated black striated elongated crystal with several other smaller ones attached in parallel growth and a 1 cm. sized creamy well formed ALBITE crystal attached on one side.  $2\frac{1}{4}$ " long  $\times \frac{1}{4} \times \frac{1}{2}$ ". £3.25.
94. TUNGSTITE. Mount Pisgah, Canaan, Nelson, N. Zealand. Rich, mustard yellow masses aggregated in Quartz with light creamy orange waxy crystalline masses of Scheelite.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £4.50.
95. VALLERITE. Phalaborwa, Transvaal, S. Africa. Pure, platy crystalline, tarnished bronzey mass.  $2 \times 1\frac{1}{4}$ ". £3.25.
96. VARLAMOFFITE. Cligga Mine, Perranzabuloe, Cornwall. Rich light yellowish mass thickly covering greisen matrix.  $3 \times 2$ ". £1.25p.
97. WITHERITE. Rosiclare, Hardin Co., Illinois, U.S.A. Select lustrous creamy-white well formed crystals to  $\frac{1}{4} \times \frac{1}{2}$ " thickly intergrown on matrix.  $2\frac{3}{4} \times 1\frac{1}{2}$ ". £6.
98. WITHERITE. Castle-an-Dinas Mine, St. Columb, Cornwall. Rich black bladed mass with milky quartz, showing interesting lit-par-lit structure.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £3.



RICHARD W. BARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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 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 1976

1. ACTINOLITE. Tory Hill, Ontario, Canada. Select, large, sharp lustrous deep olive green crystal,  $2 \times 1\frac{1}{4}$ " in size, with several other crystals ranging up to 1" in size attached.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £6.75.
2. ADULARIA. St. Gotthard, Ticino, Switzerland. A very large translucent slightly milky sharp terminated complex single crystal, with a slight dusting of greenish Chlorite on some of the crystal faces.  $3\frac{1}{2} \times 2 \times 2$ ". £11.50.
3. ALLANITE. Mary Kathleen Mine, Queensland, Australia. Sharp, lustrous black, well formed crystals to  $\frac{1}{4}$ " in size, forming an intergrown group. Distinct crystals of this mineral are somewhat rare.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £9.00.
4. ANGLESITE. Leadhills, Lanarkshire, Scotland. Choice, lustrous, creamy coloured tapering spear like crystals to  $\frac{1}{2}$ " in length, spanning a  $1 \times \frac{1}{2}$ " cavity in massive Anglesite matrix.  $1\frac{1}{4} \times 1\frac{1}{4}$ ". £7.00.
5. NATIVE ANTIMONY. Allemont, Isere, France. Bright, silvery metallic mass with minor alteration to creamy coloured Antimony ochre in places.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £4.75.
6. APATITE. Ehrenfriedersdorf, Saxony, Germany. Specimen A - Select, transparent, pale greenish-blue, sharp terminated crystals to  $\frac{1}{4}$ " in size, implanted in a  $1 \times 1$ " cavity in matrix with a little Quartz in association.  $2 \times 2 \times 1\frac{1}{2}$ ". £6.50; Specimen B - Pale violet coloured translucent well formed terminated crystals, mostly around  $\frac{1}{4}$ " in size, intergrown on a  $1 \times 1$ " area on matrix.  $2\frac{1}{2} \times 2 \times 1$ ". £5.50.
7. ARSENOPIRYRITE. Trepca, Yugoslavia. Choice, bright silvery sharp crystals mostly around  $\frac{1}{4}$ " in size, thickly intergrown and associated with odd milky crystals of Quartz, a little brassy crystallised Pyrites and minor blackish Sphalerite, all encrusting a dome shaped matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00.
8. ARTINITE. San Benito Co., California, U.S.A. Fine, silky, white pure vein section showing a radiated structure and with large central cavities thickly lined with delicate needle crystals.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ " thick. £8.50.
9. ATACAMITE. Burra-Burra, Yorke Pen., S. Australia. Bright, sparkling, small sharp emerald green crystals richly lining small cavities in cellular Atacamite/Gossan matrix. Specimen A -  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £2.75; Specimen B -  $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{4}$ ". £1.50.
10. AXINITE. Botallack, St. Just, Cornwall. Specimen A - Choice, bright, clove-brown, sharp terminated crystals to 1 cm. in size, encrusting and free-standing on crystalline Axinite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £6.50; Specimen B - As Specimen A -  $1 \times \frac{1}{4} \times \frac{1}{4}$ ". £4.50.



11. AZURITE. Ting-Tang Mine, Gwennap, Cornwall. Rich, bright blue small sharp crystals lining numerous cavities in light brown Gossan matrix. Attractive and colourful specimen.  $3 \times 2 \times 1\frac{1}{4}$ ". £8.00.
12. BARYTES. Ladywash Mine, Eyam, Derbyshire. Lustrous, creamy, tabular bladed crystals to 1" in size, thickly intergrown in "cox comb" structure on massive Barytes. Each of the crystals has a slight dusting of micro crystallised pale brassy Marcasite.  $2\frac{1}{2} \times 2\frac{1}{2}$ ". £2.25.
13. BARYTES. Cleator Moor, W. Cumberland. Translucent to transparent lustrous colourless to creamy large terminated, well formed, crystals to 1" in size, intergrown and scattered on Limonitic matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £7.00.
14. BARYTOCALCITE. Nentsberry Mine, Nr. Alston, Cumberland. Choice, complete, rosette of bladed sharp crystals, mostly around  $\frac{1}{2}$ " in size, frosted over with a crust of white micro crystallised Barytes. The side of the crystal rosette is  $1\frac{1}{2} \times 1\frac{1}{4}$ " and is implanted on Limestone matrix. Overall size,  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
15. NATIVE BISMUTH. Schneeberg, Saxony, Germany. Choice, very pure, bright metallic silvery crystalline mass with minor massive dark greyish red Pyrargyrite in association. Very rich old specimen.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £7.25.
16. BLOMSTRANDINE. Kabuland, Iveland, Norway. Pure, heavy lustrous black mass with no matrix attached.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £2.25.
17. BIXBYITE. Thomas Mountain, Utah, U.S.A. Specimen A - Two sharp very bright black modified cubic crystals each a  $\frac{1}{4}$ " in size, implanted on a creamy coloured matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £11.00; Specimen B - As Specimen A - but showing a single crystal  $\frac{1}{4}$ " in size.  $1\frac{1}{2} \times 1 \times 1$ ". £6.50.
18. CALCITE. Pallaflat, West Cumberland. Transparent to translucent colourless to slightly milky, sharp, tapering terminated crystals, intergrown in parallel growth, with some of the crystals being doubly terminated, and with some of the crystals tinged a reddish colour in places by inclusions of Hematite. Crystals range in size up to  $1 \times \frac{1}{2}$ ", overall size of the specimen is  $3 \times 3 \times 1\frac{1}{2}$ ". £13.50.
19. CALCITE. Boltsburn Mine, Rookhops, Co. Durham. Unusual and attractive stalactite composed of lustrous creamy platy "nail head" crystals each approx. 1" in size, stacked one upon another. One side of the specimen has a light brownish colour due to a thin coating of Limonite.  $5\frac{1}{2}$ " long  $\times 2 \times 1\frac{1}{4}$ ". £6.50.
20. CALCITE. East Granby, Connecticut, U.S.A. A large, milky coloured, well formed, complex crystal  $3" \times 2\frac{1}{2} \times 2"$  in size, with portions of two smaller crystals attached and lustrous bright lime green crystals of PREHNITE to  $\frac{1}{4}$ " in size, aggregated on the two ends of the specimen.  $4 \times 2\frac{1}{2} \times 2"$ . £9.00.
21. CALCITE. Joplin, Missouri, U.S.A. Specimen A - A very large tapering sharp lustrous single crystal showing a good sharp termination. The colour varies from milky at the base grading through to transparent with a golden yellow colour at the termination.  $6"$  long  $\times 3$  by  $3"$  across the base of the specimen. £11.00; Specimen B - As Specimen A - but with the crystal having an overall translucent to transparent golden yellow colour, and showing some internal zoning.  $5"$  long by  $3 \times 2\frac{1}{2}"$  across the base. £7.00. Both specimens are attractive for display.
22. CALCIOVOLBORTHITE. Yellow Cat Dist., Utah, U.S.A. Specimen A - Rich, bright, greenish yellow crystalline crusts covering large areas on both sides of a conglomerate matrix.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ". £4.75; Specimen B - Rich, greenish yellow crystalline crust covering matrix.  $2 \times 1\frac{1}{4}$ ". £2.50.
23. CASSITERITE. Kinta District, Malaya. Very fine, pure mass, composed of numerous lustrous well formed creamy to light brown crystals. The crystals range in size up to  $\frac{1}{2}$ " and some show banding of different colours. Very fine rich specimen from an area which is not noted for good crystals of this mineral.  $4\frac{1}{4} \times 3 \times 2\frac{1}{2}$ ". £28.00.



24. CASSITERITE. East Pell Mine, St. Agnes, Cornwall. Choice, bright black, sharp elongated terminated crystals to 8 mm. in length, thickly intergrown and covering Cassiterite/Slate matrix. The specimen was collected early last century.  $2\frac{1}{2} \times 2$ ". £11.50.
25. CERUSSITE. Mibladen, Nr. Midelt, Atlas Mts., Morocco. Specimen A - Fine, transparent sharp, slightly creamy coloured, twinned crystals mostly around  $\frac{1}{4}$ " in size, thickly encrusting Barytes matrix with minor pale pinkish "cox comb" crystals of Barytes in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £16.50; Specimen B - Very choice, translucent to transparent large sharp twinned crystals to 1" in size, forming an intergrown group with very minor pale pink "cox comb" Barytes attached on one side.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £14.00. Both specimens show a strong lemon yellow fluorescence under u.v. light.
26. CHALCOPYRITE. Panasqueira, Beira-Beixa, Portugal. Very choice, large, bright brassy coloured sphenoidal crystals to  $1\frac{1}{4}$ " in size, thickly intergrown on massive Chalcopyrite. Attractive specimen for display.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ". £28.00.
27. CHALCOPYRITE. Great Laxey Mine, Isle of Man. Select, bright, brassy, sharp twinned crystals, some with an attractive slightly iridescent tarnish, to 8 mm. in size, richly dotted over a botryoidal mass of creamy intergrown saddle shaped DOLomite crystals. Very attractive specimen for display.  $3 \times 2\frac{1}{2} \times 2$ ". £12.00.
28. CHALCOPYRITE. Great Wheal Tolgus, Illogan, Cornwall. Well formed, large, brassy sphenoidal crystals to 1 cm. in size, richly intergrown and scattered over pale brown intergrown lenticular crystals of Siderite covering massive Siderite matrix, and with very minor small crystals of Barytes in association.  $3\frac{1}{2} \times 3 \times 2$ ". £9.00.
29. CHILDRENITE. George & Charlotte Mine, Tavistock Hamlets, Devon. Sparkling, sharp, small transparent coffee coloured crystals richly scattered over cellular dark brown crystalline Siderite covering Chloritised Slate veinstuff.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £8.00.
30. NATIVE COPPER. New Cornelia Mine, Ajo, Arizona, U.S.A. Attractive bright metallic thick crystallised flat dendritic sheet.  $6\frac{1}{2} \times 2\frac{1}{2}$ ". £6.50.
31. NATIVE COPPER. Goonhilly Down, Lizard, Cornwall. Specimen A - Thick vein section composed of massive deep red Cuprite, with small crystal lined cavities, with thick bright metallic hackly sheets of native Copper intergrown, between light green Chrysocolla encrusted Serpentine walls.  $4\frac{1}{2} \times 3 \times \frac{1}{2}$ " thick. £6.50; Specimen B - As Specimen A -  $3\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £3.25; Specimen C - As Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$  cm. thick. £2.25; Specimen D - A hackly bright metallic sheet of Native Copper  $1 \times \frac{1}{2}$ " in size sticking up from a thin veinlet of Cuprite cutting Serpentine.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " high. £1.25.
32. COVELLITE. Stewart Mine, Butte, Silver Bow Co., Montana. Pure, iridescently tarnished metallic platy crystalline mass with very minor Galena in association.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £4.75.
33. CROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Choice, sharp, terminated bright orangey crystals to 4 mm. in size, richly scattered over both sides of Limonite matrix with minor light green micro crystallised Pyromorphite in association. Very sharp and perfectly formed crystals for this mineral.  $2 \times 1$ ". £4.50.
34. CROMSTEDTITE. Wheal Jane, Kea, Cornwall. Rich, lustrous, bluish crystals and crystal masses aggregated on and in massive Pyrite matrix, with a little brownish Siderite.  $1\frac{1}{2} \times 1 \times 1$ ". £3.25;
35. CUPRITE. North Wheal Basset, Illogan, Cornwall. Select, pure, cellular mass composed of numerous sparkling dark maroon coloured sharp octahedral crystals, the largest crystals ranging up to 3 mm. in size,  $3\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ". £12.00.
36. CUPRITE. Phoenix Mine, Linkinhorne, Cornwall. Very rich, deep red, cellular mass associated with much light green botryoidal MALACHITE, and a little milky Quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £4.50; Specimen B - Pure, bright, deep red crystalline mass with small sharp octahedral crystals in cavities and with minor metallic Native Copper in association.  $1 \times 1 \times 1$ ". £1.75.



37. DAVIDITE. Radium Hill, Olary, S. Australia. Select replacement of a modified portion of a large Pyrite crystal by lustrous light brown resinous DAVIDITE. Interesting and unusual pseudomorph.  $\frac{3}{4} \times \frac{1}{2} \times \frac{1}{4}$ ". £5.00.
38. DOLOMITE. Treece, Kansas, U.S.A. Choice, lustrous light pink sharp "saddle shaped" crystals mostly around  $\frac{1}{4}$ " in size, thickly intergrown and completely encrusting matrix. Very attractive for display.  $6 \times 4 \times 2$ ". £9.00.
39. EOPHOSPHORITE. Taquaral, Minas Gerais, Brazil. Fine, lustrous, sharp, light brown terminated crystals to 8 mm. in length, thickly intergrown and scattered over a matrix of intergrown well formed ROSE QUARTZ crystals.  $1\frac{1}{2} \times 1$ ". £14.00.
40. EPIDOTE. Le Bourg d'Oisans, Isere, France. Choice, sharp, lustrous, olive green elongated terminated crystals to  $\frac{1}{4}$ " in length thickly encrusting and free standing on massive Epidote. Rich specimen from this classic old location.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ " high. £16.50.
41. ERYTHRITE. Saalfeld, Thuringia, Germany. Light pinkish-purple crystalline crusts and areas showing well formed velvety crystals on Barites/Slate matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.
42. GADOLINITE. Ytterby, Nr. Stockholm, Sweden. Rich, lustrous, black masses intergrown with Pegmatite matrix. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £1.50.
43. GALENA. Sweetwater Mine, Ellington, Missouri, U.S.A. Very fine, brilliant, silvery grey, large, sharp, cubic crystal  $2\frac{1}{2} \times 2\frac{1}{2}$ " in size, with another crystal  $1\frac{1}{2} \times 1\frac{1}{2}$ " in size attached on one side together with a little creamy coloured crystallised Dolomite and odd smaller modified Galena crystals. Excellent specimen for display.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ " high. £24.50.
44. GALENOBISMUTITE. Gladhammer, Nordmark, Sweden. Silvery grey metallic masses aggregated in Quartz/Gneiss matrix with a little golden Chalcopyrite in association.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.50.
45. GOETHITE. Wheal Owles, St. Just, Cornwall. A  $\frac{1}{2} \times \frac{1}{2}$ " cavity in Quartz/crystalline Goethite matrix lined with bright blackish sharp crystals, mostly around 2 - 3 mm. in size.  $2 \times 1\frac{1}{2} \times 1$ ". £2.50.
46. NATIVE GOLD. Lakeview and Star Mine, Kalgoorlie, W. Australia. Thin lamellar masses associated with Pyrite on Slickensided faces of Pyrite/Quartz/Chlorite veinstuff.  $3 \times 2\frac{1}{4} \times \frac{1}{2}$ ". £6.50.
47. GROSSULARITE variety HESSONITE. Jeffrey Mine, Asbestos, Quebec, Canada. Bright, transparent light peach coloured very sharp crystals to 5 mm. in size, richly encrusting both sides of matrix.  $2 \times 1\frac{1}{2}$ ". £4.50.
48. GUMMITE. Grafton Centre, New Hampshire, U.S.A. Very rich, yellowish mass with bright orangey areas and numerous spots of lustrous black URANINITE.  $3 \times 2\frac{1}{2}$ ". £7.00.
49. HEMIMORPHITE. Mina Ojuela, Mapimi, Durango, Mexico. Select, transparent, sharp terminated tabular crystals mostly around 4 - 5 mm. in length, richly scattered over and free standing on intergrown sharp lustrous creamy white rhombic crystals of Calcite ranging up to  $\frac{1}{2}$ " in size, encrusting limonitic matrix. The reverse of the specimen shows numerous sprays and areas of slightly larger Hemimorphite crystals.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.50.
50. HOFEITE. No.2 Kopje, Broken Hill Mine, Nr. Kabwe, Zambia. Choice, sharp, crystals to 4 mm. in size, thickly scattered over and encrusting a cellular brownish Gossan matrix. Very rich specimen of this rare mineral.  $5 \times 3$ ". £23.00.
51. HYDROCERUSSITE. Mendip Hills, Somerset. A select, lustrous creamy platy crystallised mass  $1 \times \frac{1}{2}$ " in size, partially embedded in greyish Pyrolusite with minor Calcite and smaller areas of Hydrocerussite.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £8.00.
52. JACOBSONITE. Langban, Wermland, Sweden. Pure, rich, lustrous black crystalline mass.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.50.
53. JAMESONITE. Somberete, Zacatecas, Mexico. Fine bright silvery grey thick striated bladed crystals to  $\frac{1}{2}$ " in length intergrown and spanning cavities in crystallised Pyrite matrix. Large and well formed crystals for this mineral.  $1\frac{1}{2} \times 1$ ". £5.50.



54. JAROSITE. Laurium, Attica District, Greece. Specimen A - Rich, light brown, small sharp crystals lining large cavities in dark cellular Gossan.  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £6.75; Specimen B - As Specimen A but with the crystals being slightly smaller.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ". £4.75.
55. KYANITE. Carrowtrasna, Gortan Loch, Co. Donegal, Eire. Select, lustrous, light bluish bladed crystallised mass.  $3\frac{1}{2} \times 2$ ". £3.50.
56. NATIVE LEAD. Langban, Wermland, Sweden. Rich, greyish metallic sheety masses covering a  $2\frac{1}{2} \times 1\frac{1}{4}$ " area on crystalline brown Manganophyllite matrix.  $3 \times 2\frac{1}{2} \times 1$ ". £11.25.
57. LEADHILLITE. Belton Grain Vein, Wanlockhead, Dumfries, Scotland. Choice, pearly, creamy coloured platy crystallised mass with minor Gossan attached.  $1 \times \frac{1}{2} \times \frac{1}{2}$ ". £7.00.
58. LEPIDOLITE. Minas Gerais, Brazil. Well formed, light purple, hexagonal crystal books to 5 mm. in size, richly intergrown on a  $1 \times 1$ " area on lustrous creamy white bladed crystalline Albite variety Cleavelandite.  $2\frac{1}{2} \times 2$ ". £2.25.
59. MALACHITE. Kambove, Katanga, Zaire. Pure, bright green, crystalline mass with cavities lined with small bright sharp well formed distinct crystals. Attractive specimen.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1$ ". £3.50.
60. MALACHITE. Bogoslovsk, Ural Mts., Russia. Pure, bright green, velvety needly crystalline masses with very minor reddish Hematite in association. Select specimens from this rich old Copper mine. Specimen A -  $3\frac{1}{2} \times 2 \times 2$ ". £13.50; Specimen B -  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.75.
61. MALACHITE. Copiapo, Atacama Desert, Chile. Bright green sharp needly crystals richly lining a  $1 \times \frac{1}{2}$ " cavity in dense red Hematite matrix with veinlets and masses of lustrous deep red Cuprite.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.50.
62. MANGANITE. Hotazel Mine, Cape Province, South Africa. Select, bright black sharp crystals to 4 mm. in size, thickly encrusting massive Manganite.  $4\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £7.25.
63. MARCASITE. Parc Mine, Llanrwst, Carnarvonshire. Specimen A - Very bright brassy sharp bladed crystals to  $\frac{1}{4}$ " in size, thickly encrusting a botryoidal Calcite matrix with odd translucent creamy Calcite crystals to 8 mm. in size implanted on the Marcasite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.50; Specimen B - As Specimen A -  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £2.25; Specimen C - As Specimen A but without the Calcite crystals -  $1 \times 1$ ". £1.25.
64. MIMETITE. Driggeth Mine, Caldbeck, Cumberland. Choice, lustrous, light pea-green sharp curved crystals to 3 mm. in size, thickly intergrown and encrusting cellular Quartz veinstuff. Specimen A -  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{3}{4}$ ". £4.50; Specimen B -  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ". £2.75.
65. MIMETITE. Santa Eulalia, Chihuahua, Mexico. Very choice, lustrous, yellowish green, sharp skeletal hexagonal crystals to 5 mm. in size, thickly encrusting and free standing on all sides of a dome shaped crystallised Calcite matrix. Very attractive specimen for display.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £13.50.
66. MOLYBDENITE. Hingston Down, Nr. Callington, Cornwall. Rich, bright, silvery grey metallic flexible crystalline platy masses encrusting creamy coloured Aplite rock. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.75; Specimen B -  $2\frac{1}{4} \times 1$ ". £1.25.
67. MUSCOVITE. Hidden, North Carolina, U.S.A. Excellent large translucent, slightly greenish, very sharp hexagonal crystals to  $1\frac{1}{2}$ " in size, completely encrusting and free standing on both sides of matrix, with very minor brownish Limonite on one area of the reverse of the specimen. Extremely well formed specimen of this mineral which is choice for cabinet display.  $5\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2}$ ". £24.00.
68. OLIVENITE VARIETY "WOOD COPPER". Wheal Gorland, St. Day, Cornwall. Specimen A - Select light green banded mass surrounding a  $\frac{1}{2} \times \frac{1}{2}$ " cavity lined with small sparkling crystals in Quartzose Gossan.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50; Specimen B - Rich light green rounded banded masses thickly scattered through Quartz Gossan with odd small crystals in cavities.  $2\frac{1}{4} \times 1\frac{1}{2}$ ". £3.25.



69. PLATTNERITE. Mina Ojuela, Mapimi, Durango, Mexico. Sparkling black small sharp crystals thickly encrusting creamy translucent Calcite crystals covering Limonitic Gossan.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £8.00.
70. PSEUDOMALACHITE. Kambove, Katanga, Zaire. Choice, very rich, dark green lustrous banded mass with large cavities lined with bright velvety crystalline pseudomalachite with minor dark brownish matrix attached. Attractive fine specimen for this mineral.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £24.00.
71. PYRITES replacing MARCASITE. Wheal Jane, Kea, Cornwall. Specimen A - Select, light brassy lenticular crystals of Marcasite mostly around  $\frac{1}{2}$ " in size, which have been replaced by Pyrites intergrown in areas on black massive Sphalerite with numerous small silvery sharp crystals of Arsenopyrite and odd rods of Quartz in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.50; Specimen B - As Specimen A -  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50; Specimen C - With much crystallised Sphalerite and only minor crystallised Arsenopyrite in association, but otherwise as Specimen A -  $1\frac{3}{4} \times 1\frac{1}{4} \times 1$ ". £2.25.
72. PYROMORPHITE. Tennant Creek, N. Terr., Australia. Lustrous light yellowish green sharp elongated hexagonal crystals to  $\frac{1}{4}$ " in length richly scattered over dark Limonitic matrix.  $2\frac{1}{4} \times 1$ ". £2.75.
73. PYROMORPHITE. Leadhills, Lanarkshire, Scotland. Unusual light orangey pure cellular crystallised mass with numerous small sharp crystals lining cavities.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1$ ". £4.50.
74. QUARTZ variety ROCK CRYSTAL. Hot Springs, Garland Co., Arkansas, U.S.A. Specimen A - A very choice, undamaged, group of sharp elongated terminated, mostly transparent, hexagonal crystals to 2" in length, intergrown and free standing on massive Quartz. Very attractive specimen for display.  $3\frac{1}{2} \times 2\frac{3}{4} \times 2$ " high. £7.00; Specimen B - A very sharp well formed terminated transparent crystal  $2\frac{3}{4}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis with other crystals in parallel growth and protruding at angles around the base. Overall size.  $3 \times 1\frac{3}{4} \times 1$ ". £3.25.
75. QUARTZ. Blackdene Mine, Weardale, Co. Durham. Very bright, sharp, milky doubly terminated pyramidal crystals to  $\frac{3}{4}$ " in size, thickly intergrown and completely encrusting matrix, with the reverse of the specimen encrusted with translucent creamy sharp nail head crystals of Calcite to 1 cm. in size, Attractive specimen for display.  $5\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
76. QUARTZ. Levant Mine, Pendeen, Cornwall. Select, bright, dark reddish sharp pyramidal crystals mostly around  $\frac{1}{4}$ " in size, thickly intergrown and encrusting the entire surface on two sides of milky vein Quartz. The reddish colour of the crystals is due to inclusions of Hematite.  $2\frac{3}{4} \times 2 \times 1$ ". £3.50.
77. QUARTZ variety PETRIFIED WOOD. Navajo Co., Arizona, U.S.A. Choice, bright, reddish and yellowish well polished slice of a fossilised silica replaced section of a tree. Growth rings are clearly visible and the edge of the specimen still retains the structure of the bark.  $5 \times 4\frac{1}{2} \times \frac{1}{2}$ " thick. £9.00.
78. RAMMELSBERGITE. Lainijaur, Lappland, Sweden. Specimen A - Rich, bright metallic silvery masses with minor bronzey Niccolite embedded in and on greenstone matrix.  $3 \times 2 \times 1\frac{1}{2}$ ". £3.50; Specimen B - Rich, metallic silvery masses intergrown with greenstone.  $2 \times 2$ ". £2.50; Specimen C - Rich silvery metallic mass associated with much bronzey Niccolite.  $1\frac{1}{2} \times 1$ ". £1.50.
79. RHODOCHROSITE. Santa Domingo Mine, Chihuahua, Mexico. Bright, transparent, light rose coloured sharp crystals to 5 mm. in size, thickly intergrown on a 15 x 8 mm. area on Sulphidic matrix.  $1\frac{1}{2} \times 1$ ". £7.00.
80. NATIVE SILVER. Trout Lake Mine, Silver Centre, Ontario, Canada. Choice, well cut and polished vein section showing very rich silvery dendritic masses and threads of Native Silver intergrown with much light grey Cobaltite and a little Quartz. The two side walls of the vein are visible and the specimen weights approx. 2 lbs. 3 Oz. Excellent specimen for study or museum display.  $5\frac{1}{2} \times 5 \times \frac{1}{2}$ " thick. £34.00.



81. SMALTITE. Wheal Sparnon, Redruth, Cornwall. Rich, dark grayish metallic mass with a little Quartz and thin crusts of pinkish Erythrite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.25.
82. SMITHSONITE. Proprietary Mine, Broken Hill, N.S. Wales, Australia. Choice, silky, translucent creamy rounded "rice" grain crystals richly aggregated in clusters to 1 cm. in size and thickly scattered in large cavities in a cellular stalactitic matrix of lustrous black Psilomelane and greyish black Coronadite.  $3 \times 3 \times 2\frac{1}{2}$ ". £9.50.
83. SPHALERITE. Trepcia, Yugoslavia. Very choice, bright black large sharp striated crystals to  $\frac{3}{4}$ " in size, forming an intergrown group with a cluster of creamy translucent well formed Calcite crystals  $1 \times 1$ " implanted on one end. Good specimen for display.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £17.00.
84. SPHALERITE. Ladywash Mine, Eyam, Derbyshire. Lustrous, black, sharp crystals mostly around  $\frac{1}{4}$ " in size, aggregated in clusters and richly scattered over a drusy translucent colourless crystallised Fluorite matrix.  $4 \times 3 \times 1\frac{1}{2}$ ". £4.50.
85. SPHALERITE. Baxter Springs, Kansas, U.S.A. A very large lustrous brownish black well formed twinned crystal  $1\frac{1}{2} \times 1$ " in size, implanted with several smaller crystals on lustrous creamy saddle shaped crystals of Dolomite thickly encrusting Chert matrix. Associated with the Sphalerite are numerous bright metallic greyish sharp Galena Crystals to  $\frac{3}{4}$ " in size, and many small sharp golden crystals of Chalcopyrite. Very attractive specimen for display.  $5\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ". £12.00.
86. SPHALERITE. New Glencrieff Mine, Wanlockhead, Dumfries, Scotland. Large, bright black, well formed crystals to  $\frac{1}{2}$ " in size, forming an intergrown group and partially encrusted with small bright pyramidal Quartz crystals.  $2\frac{1}{4} \times 1\frac{1}{2}$ ". £2.50.
87. SPECULARITE. Florence Mine, Egremont, Cumberland. Select groups of bright black platy sparkling crystals thickly covering Hematite with odd bright, transparent sharp pyramidal crystals of Quartz in association. Specimens each approx.  $1 \times 1$ ", some have more Quartz than others. £1.25 each.
88. STILBITE. Jewel Tunnel, Poona, India. Bright pearly translucent creamy sharp tabular crystals to 1 cm. in size, thickly scattered over and free standing on creamy crystallised aggregates of PHILLIPSITE, covering Basalt matrix.  $2 \times 1\frac{3}{4}$ ". £3.50.
89. STOLZITE. Zinnwald, Bohemia, Czechoslovakia. Small sharp pale creamy coloured crystals aggregated in areas and scattered on milky Quartz with minor plates of Muscovite mica.  $2 \times 1\frac{1}{2} \times 1$ ". £7.00.
90. STRONTIANITE. Whitesmith Mine, Strontian, Argyllshire. Very rich lime green fibrous crystalline masses with minor white Berytes in association. Specimen A -  $3\frac{1}{2} \times 2$ ". £4.50; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50; Specimen C -  $2 \times 1$ ". £2.25.
91. THALENITE. Osterby, Wermland, Sweden. Rich, creamy to pale pinkish waxy masses intergrown with minor creamy Orthoclase Feldspar. Specimen A -  $3 \times 2 \times 1\frac{1}{4}$ ". £2.75; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen C -  $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{4}$ ". £1.25.
92. TITANITE. Val Cristallina, Graubunden, Switzerland. Choice, translucent lustrous olive green sharp crystals to 1 cm. in length free standing on matrix with much Chlorite dusted sharp crystals of Adularia in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £14.00.
93. TOURMALINE variety SCHORL. Trebell Mine, Nr. Lanivet, Cornwall. Select, bright black, sharp crystal rods to 1" in length thickly intergrown and embedded in milky vein Quartz.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{3}{4}$ ". £4.50.
94. TYROLITE. Falkenstein, Tyrol, Austria. Specimen A - Light green radiated crystalline masses scattered and aggregated on milky Quartz.  $3 \times 2$ ". £4.50; Specimen B - As Specimen A - but with odd spots of Azurite in association.  $2 \times 1\frac{1}{4} \times 1$ ". £3.25.



95. VANADINITE. Apache Mine, Nr. Globe, Gila Co., Arizona, U.S.A. Specimen A - Choice, bright orangey red sharp transparent hexagonal crystals mostly around 1 - 2 mm. in size, thickly encrusting and scattered over all sides of matrix, with a minor encrustation of micro crystallised black Mottramite in one area. Very attractive specimen.  $4 \times 3\frac{1}{4} \times 1\frac{1}{4}$ ". £9.00; Specimen B - Bright red sharp transparent hexagonal crystals to 2 mm. in size, richly scattered over matrix.  $3 \times 2\frac{1}{4} \times 1$ ". £3.25.
  96. WILLEMITE. Tsumeb, Otavi, S.W. Africa. Choice, very rich, cellular masses composed of numerous sharp translucent colourless to creamy crystals to 5 mm. in size. Crystals of this size are uncommon for Willemite. Specimen A -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £7.00; Specimen B -  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £5.50; Specimen C - with the crystals being slightly smaller -  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £4.50.
  97. WITHERITE. Rosiclare, Hardin Co., Illinois, U.S.A. Select, large, sharp terminated translucent creamy hexagonal crystal 1" in length  $\times \frac{1}{2}$ " across the axis implanted on a cellular matrix with three smaller Witherite crystals and odd small light purple crystals of Fluorite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £6.50.
  98. WOLFRAMITE. Wheal Unity, Gwennap, Cornwall. Very rich, bright black, bladed masses with very minor Quartz and plates of Mica in association. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75; Specimen B -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £1.50.
  99. WULFENITE. Cuchillo Parado, Chihuahua, Mexico. Select, bright, transparent sharp yellowish tabular crystals to 4 mm. in size, richly scattered over lime green silky botryoidal MIMETITE encrusting large areas of cellular Gossan. Colourful and attractive specimen.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00.
  100. WULFENITE. Stephanie Mine, Mezica, Slovenia, Yugoslavia. Fine, lustrous, orangey sharp blocky crystals to 1 cm. in size, forming a pure intergrown cellular mass with very minor matrix attached.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £6.50.
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RICHARD W. BARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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 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.

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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 1976

1. APATITE. St. Gotthard, Ticino, Switzerland. Choice, transparent colourless to creamy sharp hexagonal crystals to  $\frac{1}{4}$ " in size, scattered and aggregated on a cellular matrix, with several large lustrous creamy sharp ADULARIA crystals to  $\frac{3}{4}$ " in size, and a 1" creamy platy crystal of ALBITE in association. 2x2". £7.50.
2. APATITE. Wilberforce, Ontario, Canada. Lustrous, light brownish, elongated hexagonal crystals and crystal sections to  $\frac{1}{4}$ " in length, partially embedded in slightly pinkish Calcite matrix with a little blackish Hornblende in association.  $2\frac{1}{2}$ x2x2". £2.50.
3. APATITE variety FRANCOLITE. Fowey Consols Mine, Tywardreath, Cornwall. Select, sharp, lustrous transparent terminated crystals mostly around 2 - 3 mm. in size, richly encrusting Quartz/Slate vein stuff with a little golden Chalcopyrite.  $2\frac{1}{2}$ x2x1 $\frac{1}{2}$ ". £4.50.
4. APOPHYLLITE. Jewel Tunnel, Poona, India. Specimen A - Very choice, large, sharp lustrous translucent creamy coloured crystals to 1" in size, thickly intergrown and freestanding on matrix with delicate white needle balls and radial masses of OKENITE and small sharp Quartz crystals in association. Good specimen for display.  $6\frac{1}{2}$ x4x2 $\frac{1}{4}$ ". £14; Specimen B - Large, sharp, translucent lustrous crystals to  $\frac{3}{4}$ " in size, richly intergrown on both sides of one end of matrix with the rest of the specimen encrusted with small sharp clear Quartz crystals with odd pale greenish crystalised aggregates of Prehnite.  $2\frac{1}{2}$ x2 $\frac{1}{2}$ x2". £5.75; Specimen C - A very large sharp, lustrous, translucent, composite crystal with minor small sharp Quartz crystals in association.  $1\frac{1}{2}$ x1 $\frac{1}{4}$ x1". £2.75.
5. ARTHURITE. Hingston Down Mine, Nr. Callington, Cornwall. Very rich, light green crystalline crust covering a Granitic matrix. Good rich specimen from the type location for this mineral. 4x2x1 $\frac{1}{4}$ ". £4.50.
6. AURICHALCITE. 79 Mine, Gila Co., Arizona, U.S.A. Select, turquoise coloured sprays of sharp needle crystals richly scattered over small colourless Hemimorphite crystals lining a 2x1 $\frac{1}{4}$ " cavity in cellular Gossan matrix. Colourful and attractive specimen. 3x2x1 $\frac{1}{4}$ ". £4.75.
7. AUTUNITE. Mine La Faye, Grury, Saone-et-Loire, France. Rich, crust of small well formed light greenish yellow platy crystals covering matrix, with the reverse side encrusted with light yellowish micro crystalised PHOSPHURANYLITE. Bright fluorescence under u.v. light.  $3\frac{1}{2}$ x1 $\frac{1}{4}$ x1 $\frac{1}{2}$ ". £4.50.



8. AZURITE. Henderson Mine, Bisbee, Cochise Co., Arizona, U.S.A. Specimen A - Choice, bright, intense blue small crystals and ball shaped aggregates of crystals thickly encrusting matrix with light green slightly botryoidal Malachite in association. The reverse of the specimen also shows Azurite with much Malachite.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £23; Specimen B - Choice, bright blue, crystalline balls to  $\frac{1}{4}$ " in size, and thick crystallised crusts lining large cavities in cellular matrix together with light green botryoidal Malachite in association.  $3 \times 2 \times 2$ ". £18; Specimen C - Select, very bright blue, small sharp crystals and crystal aggregates thickly encrusting matrix with odd small spots of Malachite.  $3 \times 2$ ". £11; Specimen D - Bright blue crystalline balls to  $\frac{1}{4}$ " in size intergrown and encrusting matrix. Some of the balls where broken show an internal radiated structure.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £7. All the above specimens are excellent for display and are very colourful and are from a new find at Bisbee.
9. AZURITE. Laurium, Attica Dist., Greece. Specimen A - Select, bright blue, small sharp crystals aggregated on and encrusting a colourful interbanded green Malachite/blue Azurite matrix, with several small cavities lined with sparkling Azurite crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £8; Specimen B - Sparkling, bright blue, small sharp crystals encrusting brownish Limonite coated "dog tooth" calcite crystals on cellular brownish Calcite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £7.
10. BARYTES. Goosegreen Mine, Frizington, West Cumberland. Sharp, cluster of translucent terminated creamy grey crystals in parallel growth on a fragment of Dolomite matrix.  $1 \times 1$ ". £3.25.
11. BARYTES. New Glencrieff Mine, Wanlockhead, Dumfries, Scotland. Lustrous, creamy coloured sharp tabular crystals to 1" in length, aggregated in parallel growth on massive Barytes with two sharp terminated  $\frac{1}{2}$ " crystals free standing above the others.  $2\frac{1}{2} \times 2$ ". £3.50.
12. BERZELIITE. Langban, Wermland, Sweden. Light, yellowish, masses aggregated dark creamy pink granular Calcite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.75.
13. BIOTITE. Wilberforce, Ontario, Canada. A very large portion of a bronzy brown crystal block, showing some good crystal faces and with a minor amount of granular pale green Apatite in association.  $6\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ " thick. £3.25.
14. CABERITE (Magnesian Annabergite). Laurium, Attica District, Greece. Lustrous, small, sharp, bright green crystals aggregated in a cavity towards one end of Calcite rich matrix, with numerous crystalline masses and small crystals of Caberite scattered on the rest of the specimen.  $3 \times 2\frac{1}{4}$ ". £11.
15. CALCITE. Sweetwater Mine, Iron Co., Missouri, U.S.A. Choice, translucent, sharp, doubly terminated "nail head" crystals, the largest being 2" long  $\times \frac{1}{4}$ " across the axis, scattered and free standing on cellular matrix, the cavities of which are completely lined with sharp creamy saddle shaped Dolomite crystals on which are scattered numerous small, sharp, brassy Chalcopryrite crystals. Good specimen for display.  $8 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ". £11.
16. CALCITE. Ladywash Mine, Eyam, Derbyshire. A very large, sharp, lustrous, transparent to translucent faintly golden coloured scalenohedral crystal showing good terminations. The crystal shows internal zoning and contains speckles of golden Chalcopryrite.  $4 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ". £8.
17. CALCITE. Blackdene Mine, Weardale, Co. Durham. Sharp, transparent, creamy coloured flattened "nail Head" crystals to  $\frac{1}{4}$ " in size, richly scattered and aggregated on a portion of a large, deep purple cubic Fluorite crystal, with a little bright crystallised Quartz in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50.
18. CASSITERITE. Zinnwald, Bohemia, Czechoslovakia. Large, lustrous, sharp, deep brown crystals to 1 cm. in size, thickly intergrown on matrix.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £6.50.



19. CASSITERITE. Rosemollyn Streamworks, Nr. Roche, Cornwall. A 4"x1" glass tube full of coarse granular lustrous brownish black alluvial Cassiterite concentrate. This was collected whilst the Streamworks were in operation last century. £4.50.
20. CELESTITE. Scofield, Michigan, U.S.A. Select, sharp, transparent pale bluish terminated crystals to 8 mm. in length, thickly encrusting and free standing on both sides of matrix.  $3\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50.
21. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Large, transparent, sharp glassy tabular twinned crystals to  $\frac{1}{4}$ " in size, richly aggregated on cellular Tennantite matrix.  $2\frac{3}{4} \times 2\frac{1}{2}$ ". £7.75.
22. CERUSSITE. La Croix-aux-Mines, Vosges, France. Sharp, creamy, twinned crystals mostly around 4 - 5 mm. in size, richly scattered on and encrusting a light brown Gossan matrix. Interesting old specimen from this classic mining area.  $3 \times 2 \times 1$ ". £4.50.
23. CHALCOALUMITE. Grandview Mine, Grand Canyon, Arizona, U.S.A. Very rich, light, turquoise blue thick botryoidal crusts covering brownish Limonitic Gossan. Specimen A - With minor micro crystallised green Brochantite and light blue Cyanotrichite in association.  $3\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £14; Specimen B -  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £6.50; Specimen C -  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £3.25; Specimen D -  $1 \times 1$ ". £1.25.
24. CHALCOPYRITE. Picher, Oklahoma, U.S.A. Specimen A - Very choice, bright, golden sharp sphenoidal crystals to  $\frac{1}{4}$ " in size, some having an attractive slightly iridescent tarnish, thickly scattered over intergrown lustrous pinkish creamy sharp saddle shaped DOLOMITE crystals which completely encrusts all sides of a dome shaped matrix. There is a 1 cm. sized sharp, transparent, slightly golden coloured Calcite crystal implanted on the Dolomite on one side. Very fine specimen for display.  $5 \times 4\frac{1}{2} \times 3$ ". £17; Specimen B - As Specimen A - with the Dolomite completely encrusting the surface of matrix and with a  $1\frac{1}{2} \times \frac{3}{4}$ " complex sharp transparent golden CALCITE crystal implanted in the middle, together with several small Calcite crystals.  $4\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ". £9; Specimen C - As specimen A - with the crystals covering all sides but with no Calcite in association.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen D - As Specimen C -  $3 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.25.
25. COLUMBITES. Londonderry, W. Australia. A large, lustrous black, tabular crystal showing some good faces and well terminated, and with a little golden Muscovite mica attached in places.  $2\frac{1}{4} \times 1\frac{1}{2}$ ". £4.50.
26. NATIVE COPPER. Carn Brea Mine, Illogan, Cornwall. Select, pure, coppery metallic cellular sharply crystallised masses, with no matrix attached. Specimens each approx.  $1 \times \frac{1}{2}$ " in size. 40p. each.
27. CORUNDUM. Kajiado, Kenya. A well formed creamy blue hexagonal crystal  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ " in size, with another hexagonal crystal  $1\frac{1}{4} \times 1$ " in size attached on one corner. Overall size,  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.25.
28. CUPRITE. Wheal Gorland, St. Day, Cornwall. Specimen A - Bright, deep maroon coloured sharp octahedral crystals to 3 mm. in size, richly scattered in cavities in pure heavy crystalline NATIVE COPPER matrix with much massive Cuprite.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £9; Specimen B - Sharp, bright, deep red octahedral crystals mostly around 2 mm in size, richly lining cavities in pure cellular crystallised NATIVE COPPER.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
29. CUPRITE. Wheal Damsel, Guennap, Cornwall. Bright, sparkling, deep maroon coloured small sharp octahedral crystals richly encrusting numerous cavities in cellular massive Cuprite with odd fragments of Quartz and Limonite.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £8.
30. CUPROADAMITE. Laurium, Attica Dist., Greece. Very rich bright lime green cellular crystalline mass with large cavities lined with sparkling micro crystals with much light olive green needly crystallised AGARDITE in association, together with odd sharp translucent creamy SMITHSONITE crystals to  $\frac{1}{4}$ " in size. An interesting rich specimen from this famous old site.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £22.



31. CURITE. Chinkolobwe, Katanga, Zaire. Pure, bright orangey, mass with no matrix attached.  $1\frac{1}{4} \times \frac{1}{4}$ ". £2.50.
32. CYANOTRICHITE. Grandview Mine, Grand Canyon, Arizona, U.S.A. Very choice, light blue, velvety needly crystalised aggregates and crusts lining a  $2 \times 1\frac{1}{4}$ " cavity in brownish gossan matrix with dark green micro crystalised BROCHANTITE in association. There are also patches of crystalised Cyanotrichite scattered over the rest of the specimen and on the reverse side, together with much light blue slightly botryoidal CHALCOALUMITE. Very rich and colourful specimen.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £23.
33. DAWSONITE. Livorno, Italy. Rich, pearly, whitish flattened radiated crystalline masses scattered on and encrusting a light brown matrix.  $3 \times 2\frac{1}{4} \times 2$ ". £6.50.
34. DEMANTOID (Variety of Andradite). Val Malenco, Sondrio, Italy. Rich, lime green, translucent crystals and crystal masses to 5 mm. in size, thickly scattered and partially embedded in silky white asbestos rich matrix.  $4\frac{1}{2} \times 2\frac{1}{4}$ ". £13.
35. DIABOLEITE. Mammoth Mine, Tiger, Arizona, U.S.A. Specimen A - A bright blue crystalline mass  $\frac{1}{4}$ " in size, implanted on one end of Quartzose veinstuff with odd small Cerussite crystals in association and with pale creamy green earthy WHERRYITE infilling odd small cavities.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50; Specimen B - Bright blue small crystalline masses scattered in cavities in dark Quartzose veinstuff.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.50.
36. DOLOMITE. Traversella, Piedmont, Italy. Two very large translucent sharp creamy coloured rhombic crystals each approx.  $2 \times 1\frac{1}{2}$ " in size, implanted on a matrix of small needly Quartz crystals with odd smaller rhombic Dolomite crystals associated.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £17.
37. DUNDASITE. Monteponi, Nr. Iglesias, Sardinia. Very rich, snowy white micro crystalised crusts and cellular masses thickly lining large cavities in cellular Gossan matrix with minor creamy "jack straw" Cerussite in association.  $3 \times 2 \times 1\frac{1}{2}$ ". £9.
38. ENARGITE. Cerro de Pasco District, Peru. Select, pure, solid metallic grey bladed crystalline vein section with cavities lined with small bright sharp crystals and with a little golden iron Pyrites in association.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £11.
39. ERYTHRITE. Mount Cobalt, Queensland, Australia. Rich, bright, dark pinkish radiated aggregates of needly crystals thickly encrusting a  $2\frac{1}{4} \times 1\frac{1}{2}$ " area on a light coloured matrix.  $3 \times 2\frac{1}{2}$ ". £6.50.
40. EUDIALYTE. Norra Kerr, Ostergotsland, Sweden. Rich, light pinkish masses intergrown with "Hornblende together with pale creamy yellow crystalline masses of ROSENBSCHITE.  $3 \times 1\frac{1}{2} \times 1$ ". £2.50.
41. FLUORITE. South Caradon Mine, St. Cleer, Cornwall. A large, portion of an octahedral crystal of a translucent sea-green colour with a faint purplish tinge in places, made up of numerous stepped cubic crystals in parallel growth. There are odd portions of elongated transparent Quartz crystals attached in places together with small brassy crystals and masses of Chalcopyrite.  $3 \times 3 \times 1\frac{1}{4}$ ". £13.
42. FLUORITE. Caravia Mine, Asturias, Spain. Large translucent, light purple, cubic crystals with interesting etched edges, to  $1\frac{1}{4}$ " on face edge forming an intergrown group.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £7.
43. FLUORITE. Cave-in-Rock, Hardin Co., Illinois, U.S.A. A large, transparent to translucent, light yellowish cubic crystal with a pale blue internal colour band,  $1\frac{1}{2} \times 1\frac{1}{2}$ " in size, with a smaller crystal attached and partially invested with creamy lustrous Calcite crystals to  $\frac{1}{2}$ " in size.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £5.50.



44. FLUORITE. Allenheads Mine, Allenheads, Northumberland. Specimen A - Sharp, transparent zoned pale greeny grey cubic crystals to  $\frac{1}{4}$ " on face edge, intergrown and scattered on a stalactitic mass of bright black sharp intergrown Sphalerite crystals, with a minor encrustation of small creamy Dolomite crystals in places.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50; Specimen B - Smaller sharp, transparent, greeny grey cubic crystals to 1 cm. in face edge, scattered and intergrown on Limestone matrix with odd sharp bright black Sphalerite crystals to 8 mm. in size, creamy saddle shaped crystals of Dolomite and a thin encrustation of micro drusy crystallised Quartz directly covering the Limestone.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £5.
45. GAHNITE. Broken Hill, N.S. Wales, Australia. Lustrous, sharp, black crystals to 1 cm. in size, partially embedded in and scattered through translucent Quartz veinstuff.  $2 \times 2$ ". £6.50.
46. GALENA. Eyam, Derbyshire. Sharp, metallic, greyish well formed octahedral crystals mostly around  $\frac{1}{2}$ " on face edge forming an intergrown group on which are scattered small sharp clear terminated Calcite crystals and odd small colourless cubes of Fluorite.  $3 \times 1\frac{1}{2} \times 1$ ". £8.
47. GALENA. Sweetwater Mine, Iron Co., Missouri, U.S.A. Specimen A - Choice, bright, silvery grey metallic complex modified octahedral crystals to  $\frac{1}{4}$ " in size stacked and intergrown on matrix with numerous smaller complex Galena crystals scattered on them. There is a little lustrous creamy crystallised Dolomite scattered here and there amongst the crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £11; Specimen B - Bright metallic silvery grey sharp modified complex cube-octahedral crystals to 1 cm. in size, stacked one upon another and intergrown on matrix with a little crystallised Dolomite in association and odd small bright brassy crystals of Chalcopyrite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". £8.
48. GALENA. Blackdene Mine, Weardale, Co. Durham. Specimen A - A pure group of very bright sharp metallic modified cube-octahedral crystals to over  $\frac{1}{4}$ " in size, with very minor matrix and a small "nail head" Calcite attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen B - As Specimen A - with no matrix attached.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50; Specimen C - Bright metallic, sharp, cube-octahedral crystals to 8 mm. in size, scattered on both sides of drusy crystallised Quartz covering cellular Limestone matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25.
49. GOETHITE variety "WOOD IRON". Restormel Royal Iron Mine, Lostwithiel, Cornwall. Very rich, dark brownish, radiated banded masses with very minor Quartz veinstuff in association. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75; Specimen B -  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £2.25; Specimen C -  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.25.
50. NATIVE GOLD. Grass Valley, California, U.S.A. A polished slice of very rich dendritic Gold intergrown with a little Quartz matrix. Both sides have been polished.  $17 \times 15$  mm  $\times$  3 mm. thick. £7.
51. HARMOTONE. Bellsgrrove Mine, Strontian, Argyllshire, Scotland. Lustrous, sharp, translucent, creamy crystals to 8 mm. in size, richly scattered on cellular Calcite matrix with a large light brownish translucent Calcite crystal 1" in size, on one end which is partially encrusted with Harmotone crystals.  $2\frac{1}{2} \times 2$ ". £3.50.
52. HEDYPHANE. Langban, Wermland, Sweden. Rich, creamy masses aggregated in a dark reddish brown massive unidentified mineral with much bright metallic greyish black Magnetite. An old James R. Gregory label accompanies the specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £4.50.
53. HELVINE. Langesundfjord, Norway. Sharp, well formed, lustrous, golden coloured crystals to 3 mm. in size, richly scattered and partially embedded in a Sphalerite rich matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £24.
54. HEMATITE. variety KIDNEY ORE. Florence Mine, Egremont, Cumberland. Specimen A - Select, well formed botryoidal mass with a high lustre and of a dome shape and no bruising. Choice for display.  $4 \times 3 \times 3$ " high. £8; Specimen B - Choice, lustrous, botryoidal mass of attractive shape and form.  $2\frac{1}{2} \times 1\frac{1}{2}$  by  $1\frac{1}{2}$ " high. £2.50.



55. JAMBORITE. Ca' dei Ladria, Bologna, Italy. Small tufts and sprays of needly Millerite crystals replaced by pale green Jamborite scattered in a  $\frac{1}{2}$ " cavity in Quartz veinstuff.  $3 \times 2 \times 1\frac{1}{4}$ ". £4.50.
56. KERMESITE. Braunsdorf, Saxony, Germany. Choice, lustrous, deep carmine red radiated sprays of flattened needly crystals to 1 cm. in size, richly scattered over both sides of matrix with minor greyish Stibnite in association.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £27.
57. KINOITE. Christmas Mine, Gila Co., Arizona, U.S.A. Specimen A - Very rich, deep blue, small crystals and crystal aggregates scattered over matrix and over Apophyllite lined cavities.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11; Specimen B - Small deep blue crystals and crystal aggregates richly scattered over small sharp clear Apophyllite crystals encrusting matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £7.  
Specimen C - Small bright blue crystals scattered on Apophyllite lining cavities and matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £5.50; Specimen D - As Specimen C -  $1\frac{1}{2} \times 1$ ". £3.50.  
These are all rich examples of this rare recently described Copper mineral.
58. LEGRANDITE. Mina Ojuela, Mapimi, Durango, Mexico. Choice, large, sharp elongated terminated yellowish crystals to 8 mm. in length, richly scattered over and free standing on cellular Limonitic Gossan.  $2\frac{1}{2} \times 2 \times 1$ ". £34.
59. LEPIDOLITE. Varutrask, N. Sweden. Rich, well formed lustrous lavender coloured hexagonal crystals to 1 cm. in size, partially embedded in Quartz/Orthoclase matrix. Specimen A -  $3\frac{1}{2} \times 2$ ". £2.25; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25.
60. LINARITE. Blanshard Claims, Gingham, New Mexico, U.S.A. Rich, bright blue, small crystals and thick crystalline crusts covering platy Barytes veinstuff with odd spots of Galena and Cerussite.  $3 \times 2 \times 1\frac{1}{2}$ ". £6.50.
61. MALACHITE. Bogoslovsk, Ural Mts., Russia. Pure, bright green, mass both sides of which are encrusted with delicate green velvety crystals.  $2 \times 1\frac{1}{2}$ ". £2.50.
62. MARCASITE. Rensselaer, Indiana, U.S.A. Sharp, lustrous, light brassy twinned crystals mostly around  $\frac{1}{2}$ " in size, thickly intergrown and completely encrusting massive Marcasite.  $3\frac{1}{2} \times 3$ ". £5.50.
63. MENDIPITE. Mendip Hills, Somerset. Very fine large lustrous pinkish creamy bladed crystalline mass  $2\frac{1}{2} \times 1\frac{1}{2}$ " in size, embedded in light grey Pyroclastic matrix. Excellent rich specimen of this mineral from the type area.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £33.
64. MICROCLINE. Pikes Peak, Teller Co., Colorado, U.S.A. A sharp well formed lustrous creamy coloured single crystal with very minor creamy crystalline Cleavelandite attached on one side.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
65. MILLERITE. Zollverein Mine, Essen, Germany. Specimen A - Fine, bright, light brassy delicate needly crystals to  $\frac{1}{2}$ " in length richly aggregated as sprays in a 1" sized cavity in matrix. The cavity is completely lined with lustrous translucent creamy Calcite crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £16.50; Specimen B - Choice, bright, light brassy needly sprays of crystals richly filling several Calcite lined cavities in matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £11; Specimen C - As Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £6.50.
66. NATROLITE. Dean Qry., St. Keverne, Lizard, Cornwall. Lustrous, white, divergent bladed crystalline mass  $3$ " long  $\times$   $1\frac{1}{4}$ " implanted on gabbro matrix with a little crystalline Analcime in association.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.75.
67. MIMETITE. San Francisco Mine, Sonora, Mexico. Rich, lustrous, orange, globular crystalline masses thickly encrusting tabular yellowish WULFENITE crystals to 1 cm. in size, intergrown on a cellular matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.75.
68. MORDENITE. Jewel Tunnel, Poona, India. Specimen A - Choice, pale tan coloured lustrous crystalline balls to 1 cm. in size, richly scattered over pale creamy crystallised Phillipsite covering matrix.  $3\frac{1}{2} \times 1\frac{1}{2}$ ". £4.75; Specimen B - Lustrous, creamy crystalline balls to over  $\frac{1}{4}$ " in size, thickly intergrown and encrusting matrix with numerous small sharp clear Quartz crystals in association.  $5 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen C - A very large, lustrous creamy white crystalline ball. 1" in size, implanted on matrix with a little Phillipsite in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.75.



69. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Lustrous sharp olive green terminated crystals mostly around 2 mm in size richly encrusting and lining cavities in cellular pale green Fluorite matrix.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ " £8.00.
70. PEROUSKITE. Val Malenco, Dondria, Italy. Small, translucent, light brownish sharp crystals to 3 mm. in size, scattered over gneiss matrix, with a little Chlorite in association.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £5.50.
71. PHOSGENITE. Monteponi, Iglesias, Sardinia. A transparent flat glassy crystal 15 mm. in size, implanted in a cavity in solid bright granular Galena.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £12.
72. PSEUDOMALACHITE. Bisbee, Cochise Co., Arizona, U.S.A. Specimen A - Rich, deep green, small crystals and cellular crystalline masses thickly aggregated on and encrusting sharp, clear, Calcite crystals covering a cellular matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.75; Specimen B - Not so rich as Specimen A -  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.25.
73. PYROLUSITE. Platten, Bohemia, C.S.S.R. Specimen A - Small bright greyish metallic crystals thickly lining cavities in massive Pyrolusite.  $2 \times 1\frac{1}{2} \times 1$ ". £2.25; Specimen B - Bright greyish small metallic crystals richly encrusting massive Pyrolusite.  $2 \times 1$ ". £1.65.
74. PYROMORPHITE. Sonora, Mexico. Choice, lustrous, light green, elongated slightly curved terminated crystals ranging up to 5 mm. in size, thickly intergrown and completely encrusting a cellular gossan matrix, with small cavities on the back of the specimen also lined with crystals.  $3 \times 2\frac{1}{2} \times 1$ ". £23.
75. PYRITES. Rio Marina, Elba, Italy. Select, very sharp, bright single Pyritohedral crystals showing good slightly striated faces. Specimen A -  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £7; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50;
76. PYRITES. South Penstruthal Mine, Redruth, Cornwall. A sharp well formed bright brassy Pyritohedral crystal  $\frac{1}{2}$ " in size, implanted on Chlopyte/Quartz/Pyrite veinstuff with two smaller crystals attached and numerous elongated terminated clear Quartz crystals.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
77. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Specimen A - A very large well formed brassy terminated composite single crystal showing much parallel growth.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11; Specimen B - Sharp well formed light brassy terminated hexagonal crystals to  $\frac{1}{2}$ " in size, scattered and intergrown on matrix with numerous creamy slender needlely Quartz crystals in association.  $3\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £8; Specimen C - A sharp doubly terminated brassy single hexagonal crystal  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen D - Lustrous brassy hexagonal crystals to  $\frac{1}{2}$ " in size, forming an intergrown mass and partially encrusted with much light brown globular crystallised Siderite, and odd small crystals of Galena.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75.
78. QUARTZ variety RUTILATED. Minas Gerais, Brazil. Choice, elongated, clear terminated hexagonal crystal  $3\frac{1}{4}$ " long  $\times 1\frac{1}{2} \times 1\frac{1}{4}$ " across the axis with much lustrous golden sprays of needlely Rutile included in it. Individual needles of Rutile attain approx. 2" in length. The crystal shows attachment on one side and at the base but is otherwise well formed. Overall size  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £5.
79. QUARTZ variety AMETHYST. Guarrero, Mexico. Specimen A - Very fine sharp terminated elongated hexagonal crystals slightly milky at the bases grading through to a delicate purple at their terminations mostly around  $\frac{1}{2}$ " in size, scattered on and free standing on matrix. There is also a doubly terminated clear light purple crystal  $1\frac{1}{4}$ " in length lying flat on the matrix. The base of the specimen has been sawn flat.  $3\frac{1}{4} \times 2 \times 1$ ". £16.50; Specimen B - Choice, sharp, terminated clear elongated crystals of a delicate light purple colour to  $\frac{2}{4}$ " in length scattered and free standing on matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £13.



80. QUARTZ. Panasqueira, Beira-Beixa, Portugal. A choice, sharp, well terminated long hexagonal single crystal. The crystal is mostly clear internally and most of the prism faces are encrusted with small sharp light brown lenticular crystals of Siderite and creamy lustrous small crystals of Calcite. 8" long x  $1\frac{1}{2}$  x  $1\frac{1}{2}$ " across the axis. £12.
81. RHODOCHROSITE. Santa Domingo Mine, Chihuahua, Mexico. Lustrous, transparent sharp terminated rose coloured crystals to 6 mm. in size, intergrown on a 16 x 8 mm. area on a dark matrix.  $1\frac{1}{2}$  x 1". £7.
82. SIDERITE. Morro Velho Goldmine, Minas Gerais, Brazil. Large translucent lustrous sharp tan coloured crystals to over  $\frac{1}{2}$ " in size, richly intergrown on massive Siderite with odd small brassy crystals of Pyrrhotite.  $1\frac{1}{2}$  x  $1\frac{1}{4}$ ". £2.25.
83. NATIVE SILVER. Broken Hill, N.S. Wales, Australia. Rich, curled wires of Native Silver intergrown on large areas of creamy Calcite matrix with odd spots of Galena. Specimen A -  $1\frac{1}{2}$  x  $1\frac{1}{2}$ ". £16.50; Specimen B - Not so rich as Specimen A - and with a little more Galena -  $1\frac{1}{2}$  x 1". £3.25.
84. SMITHSONITE. Farnberry Mine, Alston Moor, Cumberland. Lustrous, translucent greeny yellow botryoidal crystalline mass lining large cavities in Limestone.  $2\frac{1}{2}$  x  $1\frac{1}{2}$  x  $1\frac{1}{2}$ ". £4.50.
85. SPHALERITE. Treece, Kansas, U.S.A. Superb, very large, bright deep brown sharp crystals to 1" in size, intergrown and completely encrusting a plate of massive Sphalerite. Some of the crystals are translucent and of a deep brownish red colour under a strong light. Reverse of the specimen is mostly encrusted with smaller sharp crystals of a reddish brown colour, some being transparent. Choice specimen for display.  $4\frac{3}{4}$  x  $4\frac{1}{4}$ ". £23.
86. SPHALERITE. Trepca, Yugoslavia. Bright, black, sharp crystals to  $\frac{1}{2}$ " in size, associated with numerous sprays of elongated transparent Quartz crystals to  $\frac{1}{2}$ " in length, transparent slightly creamy flattened "nail head" crystals of Calcite stacked upon one another, odd encrustations of small creamy Dolomite crystals, small area encrusted with small bright brassy Pyrite crystals and a little crystalline Galena. All are associated together and encrust a cellular sulphidic matrix. Very attractive and interesting combination of minerals.  $2\frac{1}{2}$  x  $2\frac{1}{2}$  x 2". £16.50.
87. SPHALERITE. Naica, Chihuahua, Mexico. Bright black sharp crystals to 1 cm. in size, showing good etch patterns encrusting a Pyritic matrix and associated with bright metallic grey sharp modified Galena crystals to  $\frac{1}{2}$ " in size and a large 1" sized sharp rhombic crystal of Calcite of a creamy colour which is implanted towards one end.  $3\frac{1}{2}$  x  $2\frac{1}{4}$  x  $1\frac{1}{4}$ ". £9.50.
88. NATIVE SULPHUR. Agrigento, Sicily, Italy. Select, translucent to transparent well formed bright yellow crystals to  $\frac{1}{4}$ " in size, thickly intergrown in parallel growth on matrix and fringed by small lustrous creamy spiky crystals of Calcite. The back of the specimen is completely encrusted with small Calcite crystals. Attractive specimen for display.  $7\frac{1}{2}$  x  $3\frac{1}{4}$  x 2". £14.
89. TILASITE. Langban, Wermland, Sweden. Rich, dark pinkish, masses associated with a little Rhodonite and granular Calcite. All specimens show a bright orange fluorescence under short wave u.v. Specimen A -  $2\frac{1}{2}$  x 2". £2.75; Specimen B -  $2\frac{1}{2}$  x  $1\frac{1}{4}$ ". £2.25; Specimen C -  $1\frac{1}{2}$  x 1". £1.25.
90. TOPAZOLITE (Variety of ANDRADITE). Roch niet, Val d'Aia, Piedmont, Italy. Specimen A - Small bright sharp transparent golden crystals richly scattered over matrix.  $2\frac{1}{2}$  x 1". £3.25; Specimen B - Sharp transparent golden crystals mostly around 2 mm. in size aggregated on a 15 x 7 mm. area on matrix.  $1\frac{1}{2}$  x  $1\frac{1}{4}$ ". £2.25.
91. META-TORBERNITE. Old Gunnislake Mine, Gunnislake, Cornwall. Specimen A - Lustrous, light green, platy crystals to 5 mm. in size, lying flat on and thinly scattered over a dark smoky Quartz matrix.  $2\frac{1}{2}$  x  $1\frac{1}{2}$ ". £2.50; Specimen B - Lustrous light green platy crystals richly aggregated in cavities in dark irony Gossan with a  $\frac{1}{4}$ " area of radiated dark brown crystalline Goethite.  $1\frac{1}{2}$  x  $1\frac{1}{2}$  x  $\frac{1}{2}$ ". £2.25.



92. TOURMALINE. Bovey Tracey, Devon. A bright black portion of a large crystal of the schorl variety  $\frac{1}{2} \times \frac{1}{2}$ " in size, implanted on pinkish granite matrix with a smaller sharper terminated crystal  $\frac{1}{4}$ " in size, attached on one side together with numerous slightly iron stained small Quartz crystals and odd pinkish crystals of Orthoclase Feldspar.  $2\frac{1}{2} \times 2$ ". £4.50.
  93. URANOPILITE. Wolsendorf, Bavaria, Germany. Bright yellow crystalline crusts richly covering a dark purple Fluorite matrix with much light greyish black Uraninite and odd threads of Pyrites in association.  $2\frac{1}{2} \times 2 \times 2$ ". £11.
  94. VANADINITE. Mibladen, Near Midelt, Atlas Mts., Morocco. Lustrous, bright reddish, sharp hexagonal crystals to 4 mm. in size, richly scattered on and free standing on matrix with odd spots of blackish Pyrolusite.  $3 \times 1\frac{1}{2}$ ". £2.50;
  95. VANADINITE. San Carlos, Chihuahua, Mexico. Choice, well formed, light orangey skeletal elongated hexagonal crystals to 1 cm. in length, richly scattered on creamy white cellular Calcite matrix with odd sharp translucent Calcite crystals in association.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £14.
  96. VANADINITE variety ENDLICHITE. Cuchillo Parado, Chihuahua, Mexico. Very lustrous coffee brown elongated hollow hexagonal crystals to 1 cm. in length thickly intergrown and completely encrusting a reddish Hematite matrix, with the reverse of the specimen also mostly covered with smaller crystals.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £11.
  97. WILLEMITE. Franklin, Sussex Co., New Jersey, U.S.A. Very rich, lime green mass with much spots and small crystalline masses of black Franklinite and a little white Calcite. Very bright fluorescence under u.v. light.  $2 \times 1\frac{1}{2} \times 1$ ". £2.75.
  98. WOLFRAMITE. Panasqueira, Beira-Beixa, Portugal. A sharp, bright black, striated well terminated and well formed single crystal with very minor small light brown crystals of Siderite attached in places.  $1\frac{1}{2}$ " long by  $1 \times \frac{1}{2}$ " across the axis. £7.
  99. WOLFRAMITE. Cligga Mine, Perranzabuloe, Cornwall. A very rich vein section showing Chloritised walls infilled with solid black bladed Wolframite with crystalline masses of deep brown lustrous Cassiterite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " thick. £3.25.
  100. SASSOLITE. Larderello, Tuscany, Italy. Rich, creamy white botryoidal mass associated with much whitish micro crystallised GINORITE.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £3.50.
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RICHARD W. BARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.No.: St. Just 880  
(STD 073 677)

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

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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 specimen(s), in good condition.

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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.

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JUNE 1976

1. ADAMITE. Mina Djuela, Mapimi, Durango, Mexico. Very fine lustrous lime-green sharp terminated crystals aggregated in large fan-shaped clusters to 1" in size, thickly intergrown on cellular Limonitic Gossan. Nice display specimen.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £24.00.
2. ADOITE. New Cornelia Mine, Ajo, Pima Co., Arizona, U.S.A. Rich, light greenish blue small needly crystals scattered on areas of Porphyry matrix. Specimens each approx. 1x1". £2.50 each.
3. AMPHIBOLE variety PARGASITE. Botallack, St. Just, Cornwall. Select, dark sage green, coarsely bladed crystalline masses with very minor associations of Axinite or Grossular Garnet. Specimen A -  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25; Specimen B -  $3 \times 2 \times 1$ ". £2.50; Specimen C -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £1.50.
4. ANALCIME. Talisker, Isle of Sky, Scotland. A 1x1" cavity in Basalt matrix thickly lined with lustrous white well formed Analcime crystals mostly around  $\frac{1}{4}$ " in size. There are other smaller cavities also lined with Analcime and some needly Mesolite.  $2\frac{1}{2} \times 2\frac{1}{2}$ ". £3.25.
5. ANAPAITE. San Giovanni, Sardinia, Italy. Two halves of a nodule each of which has a cellular interior richly lined with small sharp sparkling pale greenish Anapaite crystals. Overall size of nodule when fitted together  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
6. ANGLESITE. Wallclose Mine, Nr. Matlock, Derbyshire. Dark creamy coloured well formed crystals to 5 mm. in size, aggregated on a 15 x 10 mm area on crystalline Galena/Barytes veinstuff.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £4.50.
7. ANNABERGITE. (Cabrerite). Laurium, Attica District, Greece. Small sharp bright apple green crystals and crystalline masses aggregated in small cavities in matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £2.75.
8. APATITE. Botallack, St. Just, Cornwall. Lustrous, creamy coloured, hexagonal crystals and crystal sections to  $\frac{1}{2}$ " in length, richly embedded in dark brown Axinite matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.25.
9. APOPHYLLITE. Seiser Alp, Trentina, Italy. Sharp, bright, transparent crystals to  $\frac{1}{4}$ " in size, richly intergrown and scattered over a cellular matrix, with small sharp whitish crystals of Albite, small black octahedral crystals of Magnetite and odd, very small, lustrous brownish crystals of Sphene in association.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.



10. ARSENOPYRITE. Trepca, Yugoslavia. Choice, bright silvery, very sharp crystals to 1 cm. in size, thickly intergrown on Sphalerite/Arsenopyrite matrix, with odd sharp black crystals of Sphalerite to  $\frac{1}{4}$ " in size in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £11.00.
11. ARSENOPYRITE. Wheal Jane, Kea, Cornwall. Bright silvery sharp crystals mostly around 4 mm. in size, thickly intergrown on a  $1 \times \frac{1}{2}$ " area on Arsenopyrite/Slate veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ". £3.25.
12. ARAGONITE. Dartmoor Forest, Devon. Sharp, transparent, spear like crystals to  $\frac{1}{2}$ " in length, intergrown and free standing on a  $1 \times 1$ " area on a matrix of cellular crystallised Ankerite.  $2 \times 1\frac{1}{2}$ ". £4.50.
13. ARAGONITE. Laurium, Attica District, Greece. Lustrous well formed creamy coloured crystals with a faint greenish tinge to  $\frac{1}{4}$ " in size, thickly intergrown and completely encrusting matrix.  $3 \times 2\frac{1}{2}$ ". £4.50.
14. AZURITE. Burra-Burra, Yorke Pen., S. Australia. Bright blue sharp bladed crystals to 4 mm. in size, richly intergrown on cellular Malachite/Gossan.  $1\frac{1}{2} \times 1$ ". £4.50.
15. BARYTES. Frizington, West Cumberland, Pale bluish translucent to transparent lustrous bladed crystal mass with very minor Limonite attached.  $2 \times 1\frac{1}{2}$ ". £1.25.
16. BARYTES. Iglesias, Sardinia. Select, sharp, doubly terminated transparent golden coloured crystals to  $\frac{1}{2}$ " in size, richly intergrown and scattered over cellular Barytes matrix with a little Limonite in association.  $4 \times 2\frac{1}{2} \times 2$ ". £8.50.
17. BARYTES. Laurium, Attica District, Greece. Choice, sharp, wedge shaped translucent crystals with the termination faces having an attractive light reddish tinge due to inclusions of Hematite, thickly intergrown and encrusting cellular Gossan matrix. The Barytes crystals are mostly around 1 cm. in size.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £7.00.
18. BASTNAESITE. Torentrika, Madagascar. Select, well formed tabular terminated crystal mass with the outer surfaces coated with a creamy yellow alteration product.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £4.50.
19. BERYL variety EMERALD. Habachtal, Salzburg, Austria. Specimen A - A well formed, hexagonal, translucent greenish crystal 1 cm. in size, partially embedded in Biotite Schist, with another crystal 7 mm. in size, embedded on one side, together with several smaller crystals and crystal sections.  $3 \times 2$ ". £11.00; Specimen B - A choice, nearly  $\frac{1}{2}$ " sized, greenish hexagonal crystal partially embedded in Schist with odd smaller crystals.  $1\frac{1}{2} \times 1$ ". £9.00; Specimen C - A  $5 \times 5$  mm. sized greenish crystal partially embedded in Schist with odd smaller crystals.  $1 \times 1$ ". £3.25.
20. BEUDANTITE. Tsumeb, Otavi, S.W. Africa. Rich, crusts of light brown sparkling sharp micro crystals covering three sides of matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
21. NATIVE BISMUTH. Wheal Sparrow, Redruth, Cornwall. Rich metallic grey crystalline mass intergrown with much silvery Smaltite, the surfaces of which have altered to pale pinkish Erythrite.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.50.
22. BOURNONITE. Trepca, Yugoslavia. Bright, silvery grey, striated well formed crystals to  $\frac{1}{4}$ " in size, sparsely scattered and associated with large black sharp crystals of Sphalerite to  $\frac{1}{2}$ " in size, transparent creamy coloured nail head crystals of Calcite to 1 cm. in size, much bright silvery crystallised Arsenopyrite showing an unusual hacked structure and odd modified crystals of tarnished Pyrites. Very attractive and interesting association of minerals.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ " high. £14.00.
23. BRAUNITE. Spexaryd, Smaland, Sweden. Pure cellular dark black masses with cavities lined with sparkling micro crystals. Specimen A -  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £2.50; Specimen B -  $2 \times 1\frac{1}{2}$ ". £1.25; Specimen C -  $1 \times 1$ ". 80p.



24. CALAVERITE. Lakeview & Star Mine, Kalgoorlie, W. Australia. Choice, rich, veinlets and threads of brassy metallic Calaverite cutting through a Schistose matrix with minor areas of metallic grayish Petzite and odd specks of Native Gold in association. An unusually rich specimen from this classic gold mining camp.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £55.00.
25. CALCITE. Laurium, Attica District, Greece. Specimen A - Fine, sharp, lustrous creamy coloured "dog tooth" crystals to  $\frac{3}{4}$ " in length, intergrown and free-standing on matrix with a little pale bluish cubic crystallised Fluorite and areas of crystallised transparent Selenite in association. Attractive specimen for display.  $3 \times 2 \times 1 \frac{1}{2}$ ". £8.00; Specimen B - A select cluster of sharp, lustrous creamy "dog tooth" crystals, the largest being 1" in length, with a slight frosting in places of transparent crystallised Selenite.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £4.50.
26. CALCITE. Boltsburn Mine, Rookhope, Co. Durham. Large, sharp, creamy coloured squat "nail head" crystals to  $1 \frac{1}{2}$ " in size, attractively intergrown and free standing on Fluorite/Galena veinstuff.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £6.50.
27. CALCITE. St. Andreasberg, Harz, Germany. Sharp, well formed, translucent flat terminated chunky hexagonal crystals to  $\frac{3}{4}$ " in size, thickly intergrown on matrix with odd areas of small intergrown brassy cubic Pyrites crystals.  $5 \times \frac{3}{4} \times 1 \frac{1}{2}$ ". £13.00.
28. CASSITERITE. New Rosewarne Mine, Gwinnar, Cornwall. Lustrous, brownish black sharp twinned crystals to 1 cm. in size, thickly intergrown on Chlorite veinstuff.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £7.00.
29. CASSITERITE. Aberfoyle, Tasmania, Australia. A sharp, bright, deep brownish crystal showing some good faces, the reverse side having been embedded.  $1 \times \frac{1}{2} \times \frac{1}{2}$ ". £3.25.
30. CERARGYRITE variety EMBOLITE. Broken Hill, N.S. Wales, Australia. A very rich cellular oily green crystalline mass with odd specks of orangey Garnet and a little Limonite in association.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £7.00.
31. CERUSSITE. Tsumeb, Otavi, S.W. Africa. Specimen A - A very fine mostly transparent, smoky coloured sharp crystal showing good twinning and clean faces.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £23.00; Specimen B - A select very sharp glassy translucent to transparent tabular twinned crystal  $1 \frac{1}{2}$ " in length free standing on a dark cellular matrix with other smaller twinned crystals in association. Overall size  $3 \times 2$ " by  $2$ " high. £17.00.
32. CHROME-CERUSSITE. Kapi Mine, Dundas, Tasmania, Australia. Specimen A - Lustrous sharp pale yellowish green crystals mostly around 3 - 4 mm. in size, thickly intergrown on cellular Gossan matrix, with odd small patches of whitish Dundasite.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £4.50; Specimen B - Small sharp lustrous yellowish green crystals intergrown and scattered on Limonitic matrix with much whitish Dundasite and odd small orangey red crystals of Crocoite.  $1 \frac{1}{2} \times 1$ ". £2.50.
33. CHALCOCITE. Geavor Mine, Pendennis, Cornwall. Well formed metallic grey tabular crystals to 1 cm. in size, scattered and intergrown on a  $1 \times 1$ " area on cellular massive Chalcocite veinstuff.  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £6.50.
34. CHALCOPHANITE. Reaphook Hill, Flinders Range, S. Australia. Sparkling crystals of grayish black micro crystals lining cavities in Limonitic Gossan with odd needly sprays of creamy crystallised Scholzite.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £3.25.
35. CHAECOPYRITE. Casapalca, Junin, Peru. Specimen A - Very bright brassy sharp twinned crystals to  $\frac{1}{2}$ " in size, richly intergrown and scattered on matrix with odd elongated transparent crystals of Quartz, odd small sharp black crystals of Sphalerite and creamy crystalline masses of Calcite in association.  $2 \frac{1}{2} \times 2$ ". £14.00; Specimen B - Very large bright golden twinned crystals to nearly  $\frac{3}{4}$ " in size, thickly intergrown on Galena rich matrix with odd small crystals of Galena in association.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £13.00; Specimen C - Bright, golden sharp twinned crystals to  $\frac{1}{2}$ " in size, richly intergrown on matrix with odd small crystals of Sphalerite and a little Calcite in association.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £7.00.



36. CHENEVIXITE. Wheel Garland, St. Day Cornwall. Rich, deep greenish black, masses intergrown with Gossany Quartz and earthy light green Olivenite. Specimen A -  $2 \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.75; Specimen C -  $1\frac{1}{2} \times 1$ ". £1.25.
37. CLINOCLASE. Mammoth Mine, Tintic, Juab Co., Utah, U.S.A. Lustrous, bluish, radiated crystallised masses encrusting Gossany matrix.  $1\frac{1}{2} \times 1$ ". £3.50.
38. NATIVE COPPER. Broken Hill, N.S. Wales, Australia. Very bright metallic pure tree-like mass of sharp well formed crystals. Very attractive specimen.  $3 \times 1\frac{1}{2} \times 1$ ". £6.50.
39. NATIVE COPEER. Phoenix Mine, Linkinhorne, Cornwall. Dendritic crystalline flat ramifying plates. Each approx.  $1\frac{1}{2} \times \frac{1}{2}$ ". 80p. each.
40. CROCOITE. Adelaide Mine, Dundas, Tasmania. Australia. Select, pure, bright orangey red crystalline masses, with cavities showing good bright straw-like crystals. Specimen A -  $2 \times 2 \times 1$ ". £6.50; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.75.
41. CUPRITE variety CHALCOTRICHITE. Morenci, Arizona, U.S.A. Rich, light red, small needle crystals and felt-like masses thickly covering Gossany matrix with odd spots of bluish Chrysocolla. Specimen A -  $2 \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £2.50.
42. DESCLOISITE. Berg Aukas, Otavi, S.W. Africa. An unusual pure cellular mass of light orangey brown lustrous flat Descloisite crystals. The crystals show much parallel growth and range in size up to  $\frac{1}{2}$ ".  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £6.50.
43. CHROME-DIOPSIDE. Outokumpu, E. Finland. Specimen A - Pure lime green bladed crystalline mass with very minor Quartz in association and a well formed dark green portion of a UVAROVITE Garnet crystal 5 mm. in size, implanted towards one side.  $3 \times 1\frac{1}{2} \times 1$ ". £5.50; Specimen B - Very rich lime green divergent bladed crystalline mass intergrown with Quartz.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen C - Pure lime green crystalline bladed mass associated with a little Calcite and brassy Pyrrhotite,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50.
44. ENARGITE. Butte, Silver Bow Co., Montana, U.S.A. Choice, very sharp, bright silvery grey crystals to  $\frac{1}{4}$ " in size, thickly intergrown and scattered over cellular Enargite matrix with odd small sharp crystals of brassy Pyrites in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". £14.00.
45. GALENA. Sweetwater Mine, Iron Co., Missouri, U.S.A. A very large bright silvery grey metallic single cubic crystal, the faces showing much parallel growth. Excellent specimen for display.  $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{4}$ ". £22.00.
46. GALENA. Trepcu, Yugoslavia. Bright, sharp, twinned crystals to  $\frac{1}{4}$ " in size, stacked one upon another in parallel growth and covering a  $1\frac{1}{2} \times 1\frac{1}{4}$ " area on matrix with bright black crystals of Sphalerite to  $\frac{1}{2}$ " in size, odd elongated Quartz crystals and clusters of intergrown pale pinkish Manganoalcite in association. Attractive and unusual specimen.  $2 \times 2 \times 1\frac{1}{4}$ ". £8.00.
47. NATIVE GOLD. Ashanti Goldfield, Ghana. Very rich leaf-like scales thickly covering large areas and impregnating Quartzose matrix with odd specks of Galena in association. Very rich specimen from one of the worlds' most productive Goldmines.  $1\frac{1}{2} \times 1\frac{1}{4} \times \frac{1}{2}$ ". £17.00.
48. GROSSULARITE. Jeffrey Mine, Asbestos, Quebec, Canada. Sharp, transparent colourless crystals with a faint pinkish tinge, to 5 mm. in size richly lining cavities in massive Grossular Garnet. An unusual colour for this variety of Garnet.  $1\frac{1}{2} \times 1\frac{1}{4} \times \frac{1}{2}$ ". £2.25.
49. HARMOTONE. Bellsgrave Mine, Strontian, Argyllshire, Scotland. Select lustrous whitish translucent sharp twinned crystals to 1 cm in size richly scattered over a crust of smaller intergrown sharp Harmotone crystals covering Calcite matrix.  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £8.00.
50. HEMATITE variety 'IRON-ROSE'. St. Gotthard, Ticino, Switzerland. A large bright black rose-like platy crystal mass with much creamy crystalline Albite in association.  $2 \times 1\frac{1}{2} \times 1$ ". £14.00.



51. HEMATITE. Rio Marina, Elba, Italy. Bright, black, sharp well formed crystals to  $\frac{1}{4}$ " in size, intergrown and encrusting large areas of cellular Hematite matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
52. HEMIMORPHITE. Santa Eulalia, Chihuahua, Mexico. Select, lustrous, transparent terminated slightly creamy coloured sharp tabular crystals to 1 cm. in size, free standing on and completely encrusting limonitic Gossan. Specimen A -  $4\frac{1}{2} \times 3\frac{1}{2}$ ". £13.00; Specimen B -  $3\frac{1}{4} \times 2\frac{1}{4}$ ". £7.00.
53. IDOGRASE. Achmatovsk, Ural Mts., Russia. Well formed deep olive green crystals to  $\frac{3}{4}$ " in size, some being doubly terminated, implanted on and partially embedded in a buff coloured matrix. On one side of the specimen there is an encrustation of small olive green Demantoid Garnet crystals. Interesting old specimen collected early last century.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £23.00.
54. ILMENITE. Mount Painter, Flinders Range, S. Australia. Specimen A - A lustrous black almost complete large single crystal showing good faces.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.50; Specimen B - A sharp lustrous black complete single crystal  $1 \times \frac{3}{4} \times \frac{1}{4}$ ". £3.25; Specimen C - A portion of a large lustrous black crystal showing several good faces.  $1 \times \frac{1}{2} \times \frac{1}{4}$ ". £2.25.
55. INESITE. Broken Hill, N.S. Wales, Australia. Rich, lustrous pale pinkish radiated crystalline vein section with minor whitish crystalline Apophyllite in association.  $1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.25.
56. JAMESONITE. Bodannon Mine, St. Endellion, Cornwall. Pure silvery grey fibrous crystalline mass with minor alteration to yellowish Bindheimite in places.  $2 \times 1\frac{1}{4} \times 1$ ". £1.75.
57. JAMESONITE. Sombbreroete, Zacatecas, Mexico. Specimen A - Choice, bright silvery grey bladed crystals to 1" in length implanted on and intergrown with brassy bright crystallised Iron Pyrites.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £11.00; Specimen B - A pure bright silvery grey bladed striated crystallised mass with individual blades to nearly 1" in length.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00; Specimen C - Select, bright silvery grey striated bladed crystals to  $\frac{1}{2}$ " in length, lying flat on a plate of intergrown Pyrites crystals.  $1\frac{1}{4} \times 1\frac{1}{4}$ ". £5.50. These specimens are from a new occurrence in Mexico which has produced some of the finest Jamesonite specimens yet found.
58. LIBETHENITE. Rokana Mine, Kitwe, Zambia. Fine, lustrous, dark olive green crystals to over  $\frac{1}{4}$ " in size, scattered on greyish matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £13.00.
59. LIBETHENITE. Phoenix Mine, Linkinhorne, Cornwall. Small, sharp, deep olive green crystals thickly encrusting cellular gossany matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £7.00.
60. MALACHITE. Wheal Buller, Padruth, Cornwall. Lustrous light green botryoidal crusts and masses richly covering both sides of cellular Gossany Quartz with a little crystallised Cuprite in association. 3c2". £2.50.
61. MAUCHERITE. Sudbury, Ontario, Canada. Pure, bronze coloured granular mass with a slight greenish alteration on two sides.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50.
62. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous light creamy yellow crystal sprays to  $\frac{1}{4}$ " in size, thickly aggregated on cellular matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £4.50.
63. MIMETITE variety CAMPYLITE. Drygill Mine, Caldbeck, Cumberland. Very choice solid lustrous orangey vein section with large cavities lined with bright orangey barrel shaped crystals to  $\frac{1}{4}$ " in size. Along the sides of the vein there is a little Quartz and blackish Psilomelane in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ " thick. £17.00.
64. OLIVENITE. Tincroft Mine, Illogan, Cornwall. Fine, rich, cellular mass of sharp lustrous olive green elongated crystals to  $\frac{1}{4}$ " in length, with a little blackish Psilomelane in association.  $2 \times 1 \times 1$ ". £8.00.
65. PLATTNERITE. Mina Ojuela, Mapimi, Durango, Mexico. Small, sharp, sparkling black crystals completely encrusting limonitic Gossan. Specimen A -  $2\frac{1}{2} \times 2\frac{1}{2}$ ". £7.00; Specimen B -  $2 \times 1\frac{1}{2}$ ". £3.75.



66. PROUSTITE. Joachimstal, Bohemia, Czechoslovakia. Specimen A - Small, sharp, transparent red crystals, showing good terminations, the largest being 4 mm. in size, scattered over two sides of a pure mass of black slightly cellular NATIVE ARSENIC.  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £16.50; Specimen B - A pure deep red group of large crude crystals showing some good faces and with a slight dusting of very small Pyrites crystals.  $1 \times \frac{1}{2} \times \frac{1}{2}$ ". £13.00.
67. PSEUDOMALACHITE. Virneberg Mine, Rheinbreitbach, Rhineland, Germany. Very choice lustrous deep green crystals and crystal aggregates to  $\frac{1}{4}$ " in size, intergrown and scattered over milky Quartz veinstuff. The reverse of the specimen shows an area also with scattered Pseudomalachite crystals. Excellent old specimen from this classic location.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ". £67.00.
68. PUCHERITE. Londonderry, W. Australia. Thin yellowish micro crystallised crusts covering areas of whitish Feldspar.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50.
69. PYRITES. Wheal Jane, Kea, Cornwall. Specimen A - Bright, light brassy, sharp cubic crystals mostly around  $\frac{1}{4}$ " in size, thickly lining large cavities in cellular massive Pyrites.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50; Specimen B - As Specimen A - but with crystals up to 1 cm. -  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £2.75; Specimen C - Sharp bright brassy striated modified cubic crystals mostly around 4-5 mm. in size, thickly encrusting massive Pyrites with a little Quartz in association.  $2 \times 1\frac{1}{4}$ ". £1.50.
70. PYROLUSITE. Platten, Bohemia, Czechoslovakia. Choice, very bright black elongated bladed crystals mostly around  $\frac{1}{4}$ " in length, thickly encrusting and free standing on crystalline Pyrolusite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £16.50.
71. PYROMORPHITE. Broken Hill, N.S. Wales, Australia. Lustrous, light brownish translucent sharp terminated hexagonal crystals mostly around 2 - 3 mm. in size, completely encrusting the surface and one side of Galena matrix.  $3\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £9.00.
72. PYRRHOTITE. Morro Velho Goldmine, Minas Gerais, Brazil. Small, bright, sharp flat hexagonal brassy crystals richly scattered over a matrix of large intergrown sharp translucent creamy Calcite crystals mostly around  $\frac{1}{2}$ " in size, with two clusters of very sharp glassy transparent ALBITE crystals to  $\frac{1}{4}$ " in size. There is one very large Pyrrhotite crystal 8 mm. in size implanted near the middle of the specimen. Attractive and interesting specimen.  $3 \times 2\frac{1}{4} \times 1$ ". £11.00.
73. QUARTZ. Butte, Silver Bow Co., Montana, U.S.A. Lustrous, sharp elongated terminated transparent crystals grading to a milky colour at their bases, mostly around  $\frac{1}{2}$ " in length, free standing and associated with very bright brassy modified Pyrites crystals and a little blackish crystallised Sphalerite.  $2 \times 1 \times 1$ ". £3.50.
74. RHODOCHROSITE. Chalkidiki, Kassandra, Greece. Choice, lustrous light pink large rhombic crystals of Calcite to  $1\frac{1}{2}$ " on face edge completely replaced by Rhodochrosite. There is a frosting on the faces of smaller replaced crystals and there is no matrix attached.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £9.00.
75. ROCKBRIDGEITE. Herdorf, Westphalia, Germany. Pure, fibrous, crystalline lustrous brownish black mass with an encrustation of drusy crystallised Pyrite on one end.  $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ". £4.50.
76. SCHEELITE. Zinnwald, Bohemia, Czechoslovakia. Fine very lustrous sharp translucent straw-coloured octahedral crystals mostly around 2 - 3 mm. in size, richly encrusting large areas of crystalline Quartz with a little blackish Wulfenite and odd plates of Zinnwaldite Mica in association.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £27.00.
77. SCORODITE. Hemerdon Ball Openworks, Plympton, Devon. Lustrous, light greenish to pale blue sharp crystals to 2 mm. in size, richly lining cavities in Quartz/Greisen veinstuff. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen C - With the crystals being slightly smaller -  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £1.25.



78. **SIDERITE.** Neudorf, Harz, Germany. Lustrous, light brown, sharp rhombic crystals to  $\frac{1}{4}$ " on face edge thickly intergrown on crystallised Quartz veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ". £4.50.
79. **SIDERITE.** Wheal Jane, Kea, Cornwall. Specimen A - Lustrous, light brownish lenticular crystals to nearly 1 cm. in size, thickly intergrown on large areas on drusy crystallised Quartz covering banded Quartz/green Fluorite veinstuff.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50; Specimen B - As Specimen A - With the crystals completely encrusting Quartz/Fluorite veinstuff.  $1\frac{1}{2} \times 1 \times 1$ ". £1.50.
80. **SIDERITE.** Wheal Call, St. Just, Cornwall. Lustrous, translucent to transparent light brownish sharp hexagonal crystals to 5 mm. in size, intergrown and encrusting large areas of cellular Quartz with a little reddish Hematite.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1$ ". £4.50.
81. **NATIVE SILVER.** Kongsberg, Norway. A select single curled dark silvery wire with a fragment of Calcite attached at one end.  $1\frac{3}{4}$ " long. £6.50.
82. **SMITHSONITE.** Tsumeb, Otavi, S.W. Africa. Sharp, transparent lustrous slightly creamy coloured rhombic crystals to  $\frac{1}{4}$ " in size, richly scattered over matrix with clusters of creamy crystallised WILLEMITE in association. The reverse side of the specimen is almost completely encrusted with bright intergrown Smithsonite crystals.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £9.00.
83. **SMITHSONITE.** Laurium, Attica District, Greece. A pure, lustrous, sky blue silky banded mass showing botryoidal surfaces.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1$ ". £7.00.
84. **SPHALERITE.** Trepcza, Yugoslavia. Bright black very sharp, striated crystals mostly around 5 mm. in size, thickly encrusting a matrix composed of intergrown creamy translucent Calcite crystals to 1 cm. in size, Scattered here and there on the Sphalerite crystals are individual crystals of translucent creamy Calcite to 1 cm. in size.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £12.00.
85. **STANNITE.** Poopo, Oruro, Bolivia. Very rich metallic slightly tarnished mass with odd threads of Galena and Quartz.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.
86. **STICHTITE.** Dundas, Tasmania, Australia. Rich light purplish masses on and in Serpentine with thin veinlets of fibrous asbestos.  $1\frac{1}{4} \times 1$ ". £1.25.
87. **STILBITE.** Jewel Tunnel, Poona, India. Specimen A - Select, large, "bow tie" shaped sheaves of creamy white crystals to  $2\frac{1}{2}$ " in size, intergrown on matrix with odd smaller tabular Stilbite crystals.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{4}$ ". £17.00; Specimen B - Choice, lustrous, creamy white large crystal sheaf which free stands, and is  $1\frac{3}{4}$ " high by  $1\frac{1}{2} \times 1$ ", with another sheaf on one side protruding at right angles. There are odd sharp transparent glassy Apophyllite crystals scattered here and there on the specimen. Overall size  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £14.00. Both specimens are choice for display.
88. **SVANBERGITE.** Horrsjöberg, Varmland, Sweden. Rich, orangey brown, masses scattered through a bluish Skarn matrix.  $2 \times 1\frac{1}{2}$ ". £1.25.
89. **TENNANTITE.** Levant Mine, Pendeen, Cornwall. Small, sharp, bright silvery grey crystals lining a  $1 \times 1$ " cavity on Arsenopyrite rich veinstuff.  $2 \times 1\frac{1}{4} \times 1$ ". £7.00.
90. **TENORITE.** Mt. Vesuvius, Naples, Italy. Small, bright shining black crystal scales scattered on cellular lava.  $2 \times 1\frac{1}{2} \times 1$ ". £2.50.
91. **TORBERNITE.** Wheal Edward, St. Just, Cornwall. Select light greenish sharp tabular crystals mostly around 2 - 3 mm. in size, richly scattered over and free standing on iron stained milky vein Quartz. These specimens are from a new find at this old location. Specimen A -  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50; Specimen B -  $2\frac{1}{2} \times 2\frac{1}{4} \times 1$ ". £4.75; Specimen C -  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.75; Specimen D -  $1\frac{1}{2} \times 1 \times \frac{3}{8}$ ". £2.50.



92. TOURMALINE. Plumbago Mine, Newery, Maine, U.S.A. An unusual light sea green translucent to transparent well terminated single crystal showing good striated faces.  $1\frac{3}{4}$ " long x  $\frac{3}{4}$ x $\frac{1}{2}$ " across the axis. £22.00.
  93. TOURMALINE variety RUBELLITE. Meldon, Dartmoor, Devon. Rich, pinkish, crystal sections scattered through light purplish crystalline Lepidolite rich Pegmatite with large Phenocrysts of whitish Feldspar. Some of the Tourmalines have a light greenish centre. Specimen A -  $3$ x $3$ x $1\frac{1}{4}$ ". £3.25; Specimen B -  $2\frac{1}{2}$ x $2$ x $1\frac{1}{4}$ ". £2.25; Specimen C -  $2$ x $1\frac{1}{2}$ x $1\frac{1}{4}$ ". £1.50; Specimen D -  $1\frac{1}{2}$ x $1$ ". 8Op.
  94. TREMOLITE. Untersulzbachtal, Salzburg, Austria. Pure, lustrous, creamy white elongated fibrous Asbestiform mass.  $5\frac{1}{2}$ x $1$ ". £1.25.
  95. VIVIANITE. Wheal Kine, St. Agnes, Cornwall. Lustrous, deep indigo coloured crystal blades to 1 cm. in length aggregated in an area on Quartz/Slate matrix with much botryoidal Chlorite and odd small Siderite crystals in association.  $2\frac{3}{4}$ x $2$ x $1\frac{1}{2}$ ". £3.50.
  96. WAVELLITE. Avant, Arkansas, U.S.A. Select, radiated, lustrous lime green flat crystalline aggregates to 1" in diameter completely covering matrix with most of the reverse and the sides also covered. Attractive specimen for display.  $4$ x $3$ x $1\frac{1}{2}$ ". £8.00.
  97. WITHERITE. Fallowfield Mine, Hexham, Northumberland. Creamy white pseudo-hexagonal crystals to  $\frac{1}{2}$ " in size, richly intergrown on massive Witherite, with a later crust of drusy white micro crystallised Barytes covering the Witherite crystals.  $1\frac{3}{4}$ x $1$ x $1$ ". £6.50.
  98. WOLFRAMITE. Carrock Mine, Caldbeck, Cumberland. Choice, bright black, large crystal blade  $3\frac{1}{2}$ x $1\frac{3}{4}$ " embedded on milky vein Quartz with odd threads of creamy Scheelite in places.  $3\frac{1}{2}$ x $3$ x $1\frac{1}{2}$ ". £4.50.
  99. WULFENITE. Mina San Francisco, Sonora, Mexico. Choice, very bright, transparent golden yellow sharp tabular crystals to nearly  $\frac{1}{2}$ " in size, intergrown and free standing on a thin crust of botryoidal yellowish Mimete covering matrix.  $2\frac{1}{4}$ x $1\frac{1}{4}$ x $1$ ". £7.00.
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RICHARD W. BARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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 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 1976.

1. ACTINOLITE. Gull River, Norland, Ontario, Canada. Specimen A - Lustrous, jade-green well formed single crystal showing a good termination and good crystal faces.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen B - An elongated lustrous jade-green crystal showing some good faces.  $2\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{4}$ ". £1.25.
2. ANDRADITE. Belstone Consols Mine, Sticklepath, Devon. Specimen A - Lustrous, sharp, dark olive coloured crystals to over  $\frac{1}{4}$ " in size, intergrown on a  $1\frac{1}{2} \times 1\frac{1}{4}$ " area on massive Andradite.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £2.25; Specimen B - As Specimen A with the crystals lining a  $1 \times 1$ " cavity in massive Andradite.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £1.50.
3. APATITE. Fission Mine, Wilberforce, Ontario, Canada. A well formed translucent lustrous lime green coloured elongated crystal  $2$ " in length, lying flat on and partially embedded in Calcite matrix, with much purplish Fluorite in association.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ". £4.75.
4. ARAGONITE. Monte Poni, Iglesias, Sardinia. Very select lustrous creamy white ramifying tubose masses with well formed crystals covering most of the "tubes". Specimen A -  $4 \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". £11.00; Specimen B -  $2\frac{1}{2} \times 2 \times 2$ ". £7.00; Specimen C -  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50. All three specimens are choice for display.
5. ARDENNITE. Salm-Chateau, A'dennes, Belgium. Rich, golden, bladed crystalline masses associated with milky Quartz.  $1 \times 1$ ". £1.25.
6. ARSENOPYRITE. Panasqueira, Beira-Beixa, Portugal. Bright silvery sharp striated crystals to  $1$  cm. in size, thickly intergrown on massive Arsenopyrite.  $1\frac{1}{2} \times 1 \times 1$ ". £4.50.
7. ATACAMITE. Duke of Cornwall Mine, Kadina, S. Australia. Specimen A - A  $1\frac{1}{4} \times 1$ " cavity in Limonitic Gossan lined with small sharp bright green crystals.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ". £2.50; Specimen B - Small sharp bright green crystals richly scattered on and encrusting Limonitic Gossan.  $2 \times 1 \times 1$ ". £1.50.
8. AZURITE. Tynagh Mine, Co. Gllway, Eire. Bright blue well formed crystals to  $3$  mm. in size, richly encrusting two sides of Berytes matrix with minor Malachite in association.  $2 \times 2 \times 1$ ". £4.75.
9. AZURITE. Chessy, Rhone, France. A pure, bright blue, ball of crystalline Azurite with very minor Malachite on one side.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £4.00.



10. AZURITE. Wheal Gorland, St. Day, Cornwall. Rich, bright blue, crystalline masses with small crystals lining cavities, aggregated in a 1" area on massive Cuprite with minor Quartz and Malachite in association.  $2\frac{1}{2} \times 1 \times 1$ ". £3.25.
11. BARYTES. Carbonate Shake, Murton Mine, Scordale, Westmoreland. Choice, transparent, sharp, well terminated tabular crystals to  $2\frac{1}{2} \times 1\frac{1}{2}$ " in size, forming a group in parallel growth with no matrix attached. Good specimen for display.  $5 \times 3\frac{1}{2} \times 3$ ". £12.00.
12. BARYTES. Ale and Cakes Mine, Gwennap, Cornwall. Lustrous, translucent, sharp, terminated greenish grey crystals mostly around  $\frac{1}{2}$ " in size, richly intergrown and covering cellular Quartz vein stuff.  $2\frac{1}{2} \times 2 \times 1$ ". £6.50.
13. BARYTOCALCITE. Blagill Mine, Alston Moor, Cumberland. Sharp, translucent, terminated creamy coloured crystals to 8 mm. in length, free standing on and encrusting a  $2 \times 1\frac{1}{2}$ " area on massive Baryto Calcite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
14. BAYLDONITE. Wheal Carpenter, Gwinear, Cornwall. Specimen A - Small, sharp, apple green coloured crystals richly encrusting the entire surface of milky white cellular Quartz vein stuff.  $3 \times 2 \times 1$ ". £4.75; Specimen B - As Specimen A with the crystals covering both sides of matrix.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.50; Specimen C - As Specimen A -  $1\frac{1}{2} \times 1$ ". £2.25. Well formed crystals of this mineral are somewhat rare.
15. BERAUNITE. Coon Creek Mine, Polk Co., Arkansas, U.S.A. Small pale brown crystalline masses richly covering limonitic matrix.  $1 \times 1$ ". £1.25.
16. BEUDANTITE. Wheal Carpenter, Gwinear, Cornwall. Small, sparkling, sherry-coloured crystals richly encrusting large areas of Gossany Quartz. Specimen A -  $2 \times 1\frac{1}{2} \times 1$ ". £3.25; Specimen B -  $1\frac{1}{2} \times 1 \times 1$ ". £2.75.
17. BORACITE. Luneberg, Near Hannover, Germany. A sharp transparent crystal  $\frac{1}{2} \times 1\frac{1}{2}$ " in size, partially embedded in massive Anhydrite matrix.  $1\frac{1}{2} \times 1$ ". £7.00.
18. BOULANGERITE. Trepca, Yugoslavia. Unusual greyish botryoidal felted needle masses associated with intergrown plates of bright brassy highly modified Pyrites crystals and odd small sharp lustrous black crystals of Sphalerite. An unusual and interesting specimen.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
19. CALEDONITE. Redgill Mine, Caldbeck, Cumberland. Select, turquoise blue sharp micro crystals richly lining a  $\frac{1}{2}$ " cavity in Gossan.  $1 \times \frac{1}{2} \times \frac{1}{2}$ ". £2.25.
20. CASSITERITE. La Villeder, Morbihan, Brittany, France. A sharp, yellowish brown, single twinned crystal showing good faces.  $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ". £4.50.
21. CELESTITE. Agrigento, Sicily, Italy. Bright, translucent, sharp terminated crystals mostly around  $\frac{1}{2}$ " in length, free standing on and completely encrusting a sulphur rich matrix. Specimen A -  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50.
22. CERUSSITE. Broken Hill, N.S. Wales, Australia. Lustrous, creamy, elongated "jack straw" crystals mostly over  $\frac{1}{2}$ " in length, thickly covering brownish Gossany matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
23. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Bright metallic greyish crystals mostly around 3 mm. in size, thickly intergrown and covering massive Chalcocite.  $2 \times 1 \times 1$ ". £7.00.
24. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Bright, greyish, pure solid heavy metallic masses with very minor reddish Hematite in association. Specimen A -  $3 \times 2 \times 1\frac{1}{2}$ ". £2.25; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25.
25. CHALCOPYRITE. Trevaunance Mine, St. Agnes, Cornwall. Very fine tarnished large sharp twinned brassy crystals, the largest having face edges over 1" in size, free standing and scattered on Quartzose vein stuff with odd milky Quartz crystals in association.  $3 \times 2\frac{1}{2} \times 2$ ". £23.00.
26. CHALCOPYRITE variety "BLISTER COPPER". Cooks Kitchen Mine, Camborne, Cornwall. Select pale brassy botryoidal mass covering massive Chalcopyrite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25.



27. CHALCOPYRITE. Tincroft Mine, Illogan, Cornwall. Sharp, brassy, lenticular shaped crystals to 1 cm. in size, intergrown and scattered over Quartzose veinstuff with much small, light brown lenticular Siderite crystals in association.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £5.00.
- 28.. CHALCOSIDERITE. Phoenix Mine, Linkinhorne, Cornwall. Lustrous, dark green small, sharp crystals and crystal rosettes, richly encrusting dark Gossany matrix.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50.
29. CINNABAR. Moschellandsberg, Bavaria, Germany. Specimen A - Heavy, pure, deep red mass with very minor matrix attached.  $3 \times 2 \times 1\frac{1}{2}$ ". £7.00; Specimen B - A deep red pure mass with odd micro crystals in cavities and minor matrix attached.  $1\frac{1}{2} \times 1 \times 1\frac{1}{4}$ ". £3.25.
30. COBALTE. Skutterud, Nr, Modum, Norway. Rich, bright, silvery grey masses aggregated in matrix with a little Calcite and thin crusts of pinkish Erythrite in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.25.
31. CONNELLITE. Wheal Cock, St. Just, Cornwall. Rich, light blue, micro crystalised crusts covering Hematite rich veinstuff. Specimen A -  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75; Specimen B -  $2 \times 1\frac{1}{2} \times 1$ ". £1.50.
32. NATIVE COPPER. Quincy Mine, Keweenaw Pen., Michigan, U.S.A. Choice, metallic divergent ramifying hackly cellular mass with much Calcite enclosing bright pinkish Native Copper in association.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
33. CORNETITE. Mine de l'Etoile, Kambove, Katanga, Zaire. Specimen A - Light blue flattened radial crystal aggregates to  $\frac{1}{4}$ " in size, scattered on matrix.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50; Specimen B - Light blue flattened crystals richly intergrown on a  $\frac{1}{2} \times \frac{1}{2}$ " area on matrix.  $1\frac{1}{2} \times 1 \times 1$ ". £2.25.
34. CUPRITE. Poldary Mine, Gwennap, Cornwall. Select, bright, deep red small sharp cubic crystals intergrown and lining a  $1\frac{1}{2} \times 1$ " cavity in cellular Gossan.  $2 \times 1\frac{1}{4} \times 1$ ". £7.00.
35. CUPRITE. Goonhilly Down, Lizard, Cornwall. Rich, bright, deep red massive vein sections with minor greenish Chrysocolla and Serpentine attached. Specimen A - Showing odd crystalised areas and also a little Native Copper in association.  $3 \times 2\frac{1}{4} \times \frac{3}{4}$ " thick. £3.50; Specimen B - 2" by  $1\frac{1}{2} \times \frac{1}{2}$ " thick, £1.50.
36. CUPRITE. Wheal Basset, Illogan, Cornwall. Small sharp deep red octahedral crystals thickly lining a  $\frac{1}{2} \times \frac{1}{2}$ " cavity in Gossany Quartz matrix.  $1\frac{1}{2} \times 1 \times 1$ ". £1.75.
37. DELAFOSSITE. Copper Queen Mine, Bisbee, Conchise Co., Arizona, U.S.A. Small, sharp, lustrous greyish crystals richly lining cavities in dense irony Gossan with a little crystalised Native Copper and Cuprite in association.  $2\frac{1}{2} \times 2 \times 1$ ". £7.75.
38. DIGENITE. Wheal Hen, St. Just, Cornwall. Rich, greyish metallic masses associated with altered greenstone matrix. Some of the specimens show greenish or bluish alteration on their surfaces. Specimen A -  $\frac{3}{4} \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen B -  $2 \times 2 \times 1$ ". £2.25; Specimen C -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25.
39. DOLOMITE. Great Laxey Mine, Isle of Man. Sharp, lustrous, creamy rhombic crystals mostly around  $\frac{1}{2}$ " on edge, thickly intergrown and scattered over cellular Quartz with numerous bright Quartz crystals in association.  $2\frac{3}{4} \times 2\frac{3}{4}$ ". £7.00.
- ✓ 40. DOLOMITE. South Wheal Tamar, Bere Ferrers, Devon. Unusual creamy coloured very large lenticular shaped crystals of Calcite completely replaced by crystalline Dolomite forming a large rosette  $2\frac{1}{2} \times 2$ " in size, with a portion of a pale sea green cubic Fluorite crystal 2" on edge, and a little drusy crystalised Pyrite attached. Overall size  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £7.00.
41. DOLOMITE. Thorold, Ontario, Canada. Lustrous sharp pale pinkish rhombic crystals mostly around  $\frac{1}{4}$ " in size, thickly covering matrix with several sharp transparent creamy "dog tooth" Calcite crystals to  $\frac{1}{2}$ " in size in association.  $2\frac{1}{2} \times 2 \times 1$ ". £2.50.

42. EULYTIME. Johanngeorgenstadt, Saxony, Germany. Small, sharp, coffee coloured crystals richly scattered over a  $1 \times 2$ " area on one end of Gossany Quartz veinstuff with odd spots of Native Bismuth and thin creamy yellow crusts of Bismuth Ochre.  $2 \times 2 \times 1$ ". £22.00.
43. FLUORITE. Hilton Mine, Scordale, Westmoreland. A choice, mostly transparent, sharp pale yellow cubic crystal with face edges to  $1\frac{1}{2}$ " with a smaller cubic crystal with face edges  $\frac{1}{2}$ " attached on one side. The reverse of the specimen shows some attachment. Overall size  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
44. FLUORITE. Heights Mine, Weardale, Co. Durham. Specimen A - Select bright green transparent to translucent sharp cubic crystals to  $\frac{1}{2}$ " in size, intergrown and scattered over a cellular matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.00; Specimen B - Small transparent light green cubic crystals mostly around  $\frac{1}{4}$ " in size, richly encrusting matrix with the reverse of the specimen also showing some good crystals.  $4 \times 2\frac{1}{2}$ ". £6.50; Specimen C - A transparent bright green  $\frac{1}{2}$ " sized cubic crystal implanted on matrix together with several smaller crystals.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
45. FLUORITE. Goldenhohe, Jachymov, Bohemia, Czechoslovakia. Sharp, pale green, translucent octahedral crystals the largest being nearly  $\frac{3}{4}$ " in size, intergrown on a cellular matrix. Interesting "old time" specimen that was collected early last century.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £6.50.
46. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Large, translucent pale purplish cubic crystals to  $1\frac{1}{2}$ " on face edge forming an intergrown group with the crystals stacked draupon another and with the specimen mostly encrusted with bright transparent milky doubly terminated QUARTZ crystals to 1 cm. in size. The specimen is virtually free of damage and is excellent for cabinet display.  $5\frac{1}{2} \times 3\frac{1}{2} \times 4$ " high. £24.00.
47. FLUORITE. Naica, Chihuahua, Mexico. Choice, transparent, colourless to very pale sea green highly modified crystals with bevelled edges intergrown in parallel growth on Pyrite/Sphalerite veinstuff with large lustrous, creamy, rhombic crystals of Calcite to 1" in size, forming a ring around the Fluorite crystals, and much bright brassy drusy crystalised Pyrites around the sides of the specimen. Very attractive sample for display.  $4\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ". £22.00.
48. GALENA. Eyam, Derbyshire. A sharp metallic grey modified cube-octahedral crystals to 8 mm. in size richly scattered over small transparent cubic Fluorite crystals covering Limestone matrix. The specimen was collected during the last century.  $3 \times 1\frac{1}{2}$ ". £5.50.
49. GOETHITE. Crystal Peak, Florissant, Colorado, U.S.A. Sharp, elongated, chocolate brown spiky crystals to  $\frac{3}{4}$ " in length, forming a pure radiated mass.  $1\frac{1}{2} \times 1 \times 1$ ". £3.25.
50. NATIVE GOLD. Kola Gold Mine, Mysore, India. Small golden flakes and masses scattered on and in a dark blackish Quartz. Specimen A -  $1 \times 1$ ". £2.25; Specimen B -  $\frac{1}{2} \times \frac{1}{2}$ ". £1.50.
51. GYPSUM. variety SELENITE. Eagle Picher Mine, Niaca, Chihuahua, Mexico. A choice transparent large sharp striated well terminated single crystal, showing good faces,  $4\frac{1}{2}$ " long by  $3 \times 1\frac{1}{2}$ " across the axis. £6.50.
52. HEDENBERGITE. Broken Hill, N.S. Wales, Australia. Well formed olive green coloured lustrous crystals, to 1 cm. in size, intergrown in a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area on massive Garnet matrix with a little Galena and Sphalerite in association.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £5.50.
53. HEMATITE. Hodbarrow Mine, Millom, W. Cumberland. Unusual cone shaped lustrous brownish red radiated masses of Hematite of the "Pencil Ore" variety. Specimens are each approx.  $\frac{1}{2}$  -  $\frac{3}{4}$ " in length  $\times$   $\frac{1}{2}$ " across the base. 60p each.
54. HEMIMORPHITE. Santa Eulalia, Chihuahua, Mexico. Fine, transparent, sharp, terminated bladed crystals to 1 cm. in length thickly encrusting and lining large cavities in cellular limonitic Gossan. Specimen A -  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.00; Specimen B -  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £4.75.



55. HORNBLÉNDE. Arendal, Aust-Agder District, Norway. Well formed, sharp, black terminated crystals to over  $\frac{1}{2}$ " in length, scattered and intergrown and partially embedded in Calcite matrix.  $3 \times 2\frac{1}{2}$ ". £4.50.
56. HUEBNERITE. Adams Mine, Colorado, U.S.A. Bright, translucent, sharp reddish brown bladed crystals to  $\frac{1}{4}$ " in size, intergrown and free standing on cellular matrix.  $1\frac{1}{2} \times 1$ ". £4.50.
57. ILVAITE. Rio Marina, Isle of Elba, Italy. A very large, sharp, lustrous black terminated crystal  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis associated with another sharp terminated crystal  $1\frac{1}{4}$ " in length by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis, and numerous smaller crystals in parallel growth and a little drusy crystallised Quartz. There is no matrix attached to the specimen which is an excellent example of this mineral.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £47.00.
58. KINOITE. Christmas Mine, Gila Co., Arizona, U.S.A. Bright blue crystalline masses richly scattered over small transparent Apophyllite crystals lining a  $\frac{1}{4}$ " cavity in matrix with other areas showing Kinoite on the reverse of the specimen.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.
59. MALACHITE. Wheal Buller, Redruth, Cornwall. A light green pure cellular botryoidal mass with odd fragments of Quartz attached.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £1.50.
60. MANGANO-CALCITE. Broken Hill, N.S. Wales, Australia. Specimen A - Slender elongated well formed creamy crystals to 1" in length, thickly intergrown and free standing on matrix.  $5 \times 3\frac{1}{4}$ ". £6.50; Specimen C - Elongated creamy coloured crystals to  $\frac{1}{2}$ " in length, richly scattered over Calcite matrix.  $2 \times 2 \times 1$ ". £3.25. Both specimens show a strong orangey red Fluorescence under short wave u.v.
61. MARCASITE. Vintirov, Near Sokolov, Bohemia, Czechoslovakia. Very choice, bright golden metallic sharp twinned crystals to  $\frac{1}{2}$ " on face edge, stacked one upon another to form a pure mass with no matrix attached. The specimen is good for display, and is of unusually good quality for this mineral.  $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £14.00.
62. METACINNABAR. Mt. Diablo Mine, Contra Costa Co., California, U.S.A. Fine, bright black, sharp crystals to 3 mm. in size, thickly intergrown and completely encrusting the entire surface and one side of cellular Quartz. The crystals are particularly large for this mineral.  $4 \times 2\frac{1}{2} \times 2$ ". £23.00.
63. MIMETITE. Mexico Mine, Caldbeck Fells, Cumberland. Lustrous, orangey elongated curved hexagonal crystals to 4 mm. in length, thickly encrusting white cellular Quartz.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.50.
64. MIMETITE variety CAMPYLITE. Drygill Mine, Caldbeck, Cumberland. Specimen A - Bright light orangey, curved, barrel shaped crystals to 4 mm. in size, thickly lining large cavities in cellular black Psilomelane matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen B - As Specimen A -  $1 \times 1 \times \frac{1}{2}$ ". £2.50; Specimen C - A single very large, lustrous, pale yellowish orange barrel shaped crystal with minor matrix attached on one side.  $\frac{1}{2} \times 1\frac{1}{2}$ ". £1.50.
65. MOLYBDENITE. Kingsgate, N.S. Wales, Australia. Rich, bright, metallic, silvery grey foliated crystalline mass with minor milky Quartz.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £2.50.
66. NORBERGITE. Cardiff Mine, Wilberforce, Ontario, Canada. Small, orangey, crystalline masses embedded in Calcite with odd flakes of Graphite.  $1 \times 1$ ". £1.25.
67. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Choice, bright, light green sharp cubic crystals to 2 mm. on edge, richly scattered in and lining cavities in cellular Quartz Gossan, with minor drusy crystallised Scorodite in association.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £11.00.
68. PSEUDOBROOKITE. Topaz Mountain, Utah, U.S.A. Bright, blackish, elongated sharp needle crystals to 5 mm. in length aggregated in sprays in cavities in a light coloured cellular matrix, with small bright drusy Quartz crystals in association.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.



69. PSEUDOMALACHITE. Wheal Carpenter, Guinear, Cornwall. Very rich, thick, dark green slightly botryoidal crystalline crusts covering Quartz matrix. Specimen A -  $2 \times 1\frac{1}{4}$ ". £2.75; Specimen B -  $1 \times \frac{1}{2}$ ". 80p.
70. PYRITES. Naica, Chihuahua, Mexico. Bright, golden, metallic sharp striated modified crystals, some showing unusual form, to 1 cm. in size richly encrusting cellular Pyrite matrix, with much well crystalised translucent creamy spiky Aragonite investing large areas of the specimen. Attractive specimen for display.  $3 \times 2\frac{1}{2} \times 2$ ". £6.50.
71. PYROMORPHITE. Plynlimon, Cardiganshire. Choice, lustrous, light green, sharp spiky crystals thickly encrusting small Quartz crystals covering cellular matrix. Specimen A -  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £7.00; Specimen B -  $2 \times 1\frac{1}{2} \times 1$ ". £3.25.
72. PYROMORPHITE. Roughtengill Mine, Caldbeck, Cumberland. Select, rich, lustrous light yellowish green well formed hexagonal crystals thickly scattered over and encrusting cellular Quartz veinstuff. Specimen A - With crystals to nearly 5 mm. in size,  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £8.00; Specimen B - With crystals to 3 mm. in size.  $2 \times 1\frac{1}{2}$ ". £3.25; Specimen C - With crystals to 4 mm. in size,  $2\frac{1}{4} \times 1\frac{1}{4}$ ". £2.75; Specimen D - With crystals to 3 mm. in size.  $1\frac{1}{2} \times 1$ ". £1.75.
73. QUARTZ. Hot Springs, Garland Co., Arkansas, U.S.A. A fine completely transparent lustrous sharp perfectly terminated hexagonal single crystal. Specimen sits well and is choice for display.  $3\frac{1}{2}$ " long by  $2 \times 1\frac{1}{4}$ " across the axis. £7.00.
74. QUARTZ. Levant Mine, Pendeen, Cornwall. Very bright sharp, transparent, pyramidal crystals to  $\frac{1}{4}$ " in size, completely encrusting massive vein Quartz. Specimen A -  $3 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £2.25; Specimen B -  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £1.25.
75. QUARTZ. Parkside Mine, Frizington, West Cumberland. Very choice, large, doubly terminated, mostly transparent bright crystals, some having a slightly smoky tint and others having a slight reddish colouration due to inclusions of Hematite. The crystals range in size up to  $1\frac{1}{2}$ " and completely encrust a botryoidal mass of fibrous Hematite, with odd small plates of blackish Specularite scattered in places on the Quartz crystals. Fine display specimen.  $8 \times 5 \times 3$ ". £17.00.
76. RATHITE. Lengenbach Gry., Binnental, Switzerland. Rich, silvery grey, metallic masses aggregated in a 1" area on white Dolomite with sections of bright striated crystals to 4 mm. in size, in a cavity.  $2\frac{1}{4} \times 2 \times 1$ ". £13.00.
77. RHODONITE. Broken Hill, N.S. Wales, Australia. Specimen A - Choice, translucent to transparent bright raspberry red crystals and crystal sections to over  $\frac{1}{2}$ " in size, partially embedded and scattered in bright metallic Galena veinstuff.  $3 \times 2 \times 1\frac{1}{2}$ ". £11.00; Specimen B - A  $\frac{1}{2}$ " sized translucent raspberry red well formed crystal partially embedded in Galena with numerous smaller crystal sections of Rhodonite.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £3.50. Both specimens are very colourful.
78. RHODONITE. Treburland Mine, Alternun, Cornwall. Pure, bright pink, solid mass with minor crusts of blackish Pyrolusite on one side.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £1.50.
79. SCAPOLITE. Bancroft, Ontario, Canada. Well formed creamy coloured crystals  $\frac{1}{2}$ " in size, intergrown and scattered on matrix with numerous bright brown sharp, SPHENE crystals to 5 mm. in size, in association.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £7.00.
80. SCHEELITE. Choon Su, Chungchongpukdo Province, Korea. Specimen A - A superb large, lustrous, sharp brownish crystal with face edges to 2" on edge, with other crystals in parallel growth and no matrix attached. Overall size,  $3\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £44.00; Specimen B - Choice, very large sharp, lustrous brown crystal with face edges to  $1\frac{1}{2}$ " with other crystals in parallel growth.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1$ ". £37.00; Specimen C - A sharp, light brown, single pyramidal crystal with face edges to  $1\frac{1}{2}$ " in length.  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ". £22.00. These crystals are exceptionally large for this mineral and are excellent for museum or cabinet display.



81. SCHEELITE. Carrock Mine, Caldbeck, Cumberland. Specimen A - A well formed lustrous pale brownish crystal with face edges of  $\frac{1}{4}$ " implanted on crystalline Quartz with smaller crystal masses of Scheelite and plates of Muscovite mica in association.  $2 \times 1\frac{1}{4}$ ". £8.00; Specimen B - A bright, pale brown, crystal 5 mm. in size, partially embedded in massive Scheelite covering matrix, with odd portions of smaller Scheelite crystals and much creamy white Dolomite in association.  $3 \times 2$ ". £2.50. Both specimens show a bright blue fluorescence under short wave u.v.
82. SCORODITE. Schone Aussicht Mine, Dernbach, Nassau, Germany. Lustrous, well formed light greenish crystals to 5 mm. in length, thickly intergrown on a  $\frac{3}{4} \times \frac{1}{2}$ " area on Quartzose matrix. An old hand written label accompanies this specimen.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £7.00.
83. SMITHSONITE. Sinaloa, Chihuahua, Mexico. Select, thick, silky light pink botryoidal mass on cellular Smithsonite. Very attractive specimen.  $4 \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £9.00.
84. SMITHSONITE. Tsameb, Otavi, S.W. Africa. Choice, light pinkish yellow sharp rhombic crystals to 1 cm. on edge, intergrown and thickly encrusting the entire surface and one side of a sulphidic matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £11.00.
85. SPESSARTITE. Broken Hill, N.S.Wales, Australia. Very bright, translucent, deep reddish sharp crystals to  $\frac{1}{4}$ " in size, intergrown on massive Spessartite with odd specks of Chalcopyrite.  $1 \times \frac{1}{2}$ ". £2.25.
86. SPHALERITE. Picher, Oklahoma, U.S.A. Choice, bright, blackish large sharp crystals to 1" in size, showing interesting triangular markings on their faces intergrown and scattered on a plate of creamy saddle shaped Dolomite crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £11.00.
87. SPHALERITE. Trepca, Yugoslavia. Bright black sharp crystals to  $\frac{1}{2}$ " in size, associated with bright golden Pyrites crystals to  $\frac{1}{4}$ " in size, and odd translucent creamy Calcite crystals to 1 cm. in size, all attractively intergrown on massive Sphalerite/Pyrites vein stuff.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £11.00.
88. SPHALERITE. Kilhope Mine, Wearhead, Co. Durham. Lustrous black, well formed crystals mostly around  $\frac{1}{4}$ " in size, richly scattered in and lining a large druse of small Quartz crystals with the reverse of the specimen thickly encrusted with crystallised Sphalerite.  $3\frac{1}{4} \times 2\frac{1}{4} \times 1$ ". £3.50.
89. STANNITE. East Pool Mine, Illogan, Cornwall. A pure tarnished metallic mass with very minor specks of Arsenopyrite and threads of iron Pyrites.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £3.50.
90. NATIVE SULPHUR. Agrigento, Sicily, Italy. A large, sharp, transparent to translucent light yellowish well formed single crystal with most of the faces being complete, and a little blackish Bitumen in association.  $1\frac{1}{4} \times 1 \times 1$ ". £2.50.
91. TENNANTITE. Levant Mine, Pendeen, Cornwall. Small, irridescently tarnished sharp crystals lining cavities in massive grey Tennantite.  $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ". £2.50.
92. TREMOLITE (Asbestos). Asbestos, Quebec, Canada. Select, silky, light green vein section with individual fibres showing a typical Asbestiform structure that can be pulled away. Good specimen for economic study.  $2$ " wide by  $1\frac{1}{2} \times 1$ ". £2.25.
93. TYROLITE. Falkenstein, Tyrol, Austria. Pale greenish small platy crystals lying flat on Dolomite matrix. Interesting specimen from the type location.  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
94. URANINITE. Trenwith Mine, St. Ives, Cornwall. Very rich, dense lustrous black mass with minor fragments of included vein stuff.  $1\frac{1}{2} \times 1 \times 1$ ". £4.00.
95. URANOPHANE. Grants, Valencia Co., New Mexico. A bright yellowish spray of needle crystals 5 mm. in size, implanted in a cavity in Calcite matrix.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £4.50.



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RICHARD W. BARSTOW  
26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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

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

#### AUGUST 1976

1. ALBITE. Branchville, Fairfield Co., Connecticut, U.S.A. Specimen A - Select lustrous, creamy white, sharp crystals to 8 mm. in size, thickly intergrown in curved 'rose like' aggregates completely encrusting matrix.  $2\frac{1}{2} \times 2$ ". £4.50; Specimen B - As Specimen A - with odd books of Muscovite Mica in association and with Albite crystals to 1 cm. in size,  $1\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £3.25.
2. ALMANDINE. Fort Wrangell, Stikine River, Alaska. A very fine, sharp, deep lustrous raspberry red complex complete single crystal.  $1 \times 1 \times \frac{1}{4}$ ". £8.00.
3. ANATASE. Tremadoc, Carnarvonshire, N. Wales. Sharp, translucent, dark bluish brown crystals to 3 mm. in size, richly scattered on matrix and associated with much well crystallised creamy white ALBITE.  $1\frac{1}{4} \times 1\frac{1}{2}$ ". £6.50.
4. NATIVE ANTIMONY. Allemont, Isere, France. Select, very rich, silvery grey crystalline mass with very minor greyish Stibnite in association.  $2\frac{1}{4} \times 2 \times 1$ ". £6.50.
5. APATITE. Panassqueira, Beira-Beixa, Portugal. Specimen A - Choice, transparent pale sea-green sharp hexagonal crystals to 8 mm. in size, associated with several clear sharp terminated Quartz crystals to 1" in length, odd sharp silvery crystals of Arsenopyrite and a little crystallise. Muscovite Mica and small crystals and blades of Wolframite. All are crystallised together with the Apatite crystals covering most of the upper surface.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £22.00; Specimen B - A select, mostly transparent lustrous pale sea-green sharp hexagonal crystal,  $15 \times 15$  mm. in size, implanted on its edge on crystallised Muscovite mica/tarnished Arsenopyrite matrix.  $1\frac{1}{2} \times 1 \times \frac{1}{4}$ ". £8.00.
6. APATITE. Aplite Quarry, Meldon, Devon. Specimen A - Small, sharp, transparent, hexagonal crystals with a pale greenish tint to 3 mm. in size, richly covering large areas on Hornfels matrix.  $2 \times 2$ ". £3.25; Specimen B - As Specimen A - with the crystals completely encrusting Hornfels,  $1\frac{1}{4} \times \frac{1}{4}$ ". £2.25.
7. AUTUNITE. Autun, Saone-et-Loire, France. Specimen A - Select, well formed, greenish yellow tabular crystals to 5 mm. in size, richly covering areas on altered granite matrix.  $3\frac{1}{2} \times 1\frac{1}{4}$ ". £7.00; Specimen B - Sharp, well-formed lustrous greenish yellow tabular crystals to 3 mm. in size, richly encrusting large areas of Quartz/Granite matrix.  $1\frac{1}{4} \times 1$ ". £3.50. Both are very rich specimens from the type location for this mineral.



8. AUTUNITE. Merrivale Qry., Dartmoor, Devon. Rich crust of small sparkling lime green crystals thickly covering Granite matrix. Choice specimen for Fluorescent display.  $4\frac{1}{2} \times 3 \times 1$ ". £4.50.
9. AXINITE. Botallack, St. Just, Cornwall. Specimen A - Sharp, translucent, lustrous, terminated clove brown crystals to 1 cm. in size, thickly lining a  $1\frac{1}{2} \times 1$ " cavity in crystalline Axinite matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £7.00; Specimen B - Sharp, lustrous, translucent clove brown crystals to  $\frac{1}{4}$ " in size, thickly covering large areas and lining cavities in crystalline Axinite.  $2 \times 1\frac{1}{2}$ ". £4.50; Specimen C - Select, sharp, well formed terminated clove brown single crystals each approx.  $18 \times 10$  mm. in size. £1.25 each.
10. AZURITE. Burra-Burra, Yorke Pen., S. Australia. A choice, ball-like nodule of bright blue crystalline Azurite with numerous small crystals on the exterior and where broken on one end revealing a hollow lined with small sparkling crystals.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £7.00.
11. AZURITE. Tsumeb, Otavi, S.W. Africa. Choice, lustrous, deep blue sharp well formed single crystals, most showing good terminations. Each approx. 1" in length  $\times \frac{1}{2}$ " across the axis. £3.25 each.
12. AZURITE. Chessy, Rhone, France. A fine, cluster of bright blue sharp well formed terminated crystals aggregated in parallel growth and with no matrix attached. The largest crystal is 1 cm. in length.  $25 \times 15 \times 10$  mm. £14.00.
13. BARYTES. Felsobanya, Rumania. Choice, transparent, colourless to pale creamy sharp tabular crystals to 1" on face edge, free standing and intergrown on a plate of smaller Barytes crystals. Select specimen for display.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £22.00.
14. BARYTES. Rosiclare, Hardin Co., Illinois, U.S.A. Lustrous, sharp, transparent well formed crystals to 1 cm. in size, aggregated in rosettes and thickly scattered over Calcite matrix. The reverse of the specimen is completely encrusted with sharp, lustrous creamy elongated Calcite crystals to 1 cm. in length.  $6 \times 3 \times 1$ ". £11.00.
15. BARYTES. Silverband Mine, Great Dun Fell, Westmoreland. An unusual transparent to translucent sharp colourless single crystal grading to a pale yellowish colour at one end, showing an interesting internal colour zoning.  $2 \times 1 \times \frac{1}{2}$ ". £2.50.
16. BISMUTHINITE. William's Ford, Tasmania, Australia. Pure, bright metallic, silvery grey bladed crystalline mass.  $2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$ ". £4.50. An old James R. Gregory label accompanies the specimen.
17. BIXBYITE. Thomas Mountain, Utah, U.S.A. A select, sharp, bright, blackish cubic crystal.  $6 \times 6$  mm. in size, implanted on cellular Rhyolite matrix.  $1\frac{1}{4} \times 1 \times 1$ ". £6.50.
18. BORNITE. Dolcoath Mine, Camborne, Cornwall. Pure, solid metallic iridescently tarnished purplish mass with very minor Chalcopyrite in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.50.
19. BOURNONITE. Herodsfoot Mine, Lanreath, Cornwall. A very fine sharp, lustrous, metallic grey slightly tarnished single twinned "cog-wheel" crystal.  $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ". £54.00. Specimens of this quality were only found at the Herodsfoot Mine during the last century and are now extremely rare.
20. BREWSTERITE. Whitesmith Mine, Strontian, Argyllshire, Scotland. Sharp, transparent, terminated pale creamy lustrous crystals, mostly around 2 - 3 mm. in size, thickly encrusting Calcite veinstuff. Specimen A -  $4\frac{1}{2} \times 3 \times 2$ ". £14.00; Specimen B -  $2\frac{3}{4} \times 2\frac{1}{4} \times 1$ ". £6.50; Specimen C -  $2\frac{1}{4} \times 1$ ". £3.50; Specimen D -  $1 \times 1 \times \frac{1}{2}$ ". £1.50.
21. CALCITE. Bellsgrrove Mine, Strontian, Argyllshire. Select, lustrous creamy white, sharp flat terminated translucent hexagonal crystals to  $\frac{1}{2}$ " in size, intergrown and encrusting matrix with odd rounded crystallised aggregates of brassy Pyrites in association.  $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £13.00.



22. CALCITE. Carrack Mine, Caldbeck, Cumberland. A plate of sharp stout flat terminated creamy coloured hexagonal crystals to  $\frac{1}{4}$ " in size, completely encrusting & free standing on matrix.  $4 \times 3$ ". £7.00.
23. CALCITE. Blackdene Mine, Weardale, Co. Durham. Translucent lustrous creamy squat "nail head" crystals to 1" in size, forming an attractive intergrown group with very minor drusy Quartz in association.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £5.50.
24. CASSITERITE. Schlaggenwald, Bohemia, Czechoslovakia. Bright, sharp, deep brown well formed twinned crystals to 1 cm. in size, intergrown on large areas on Greisen matrix.  $2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £14.00.
25. CASSITERITE. Wheal Kitty, St. Agnes, Cornwall. Select, small groups of bright blackish sharp, twinned crystals with faces to 8 mm. in size, each approx. 15 x 10 mm. in size, £2.25 each.
26. CASSITERITE. Bunny Mine, Nr. St. Austell, Cornwall. Small, lustrous, deep brown twinned crystals to 5 mm. in size, scattered on dark elongated Quartz crystals with much needly blackish Tourmaline in association.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £1.25.
27. CELESTITE. Steetley Qry. Dundas, Ontario, Canada. Specimen A - An elongated flat tabular sharp terminated transparent pale bluish single crystal to  $2 \frac{1}{4}$ " long by  $\frac{1}{2}$ " across the axis. £2.25; Specimen B - A single translucent well formed terminated pale bluish to creamy single crystal  $1 \frac{1}{4}$ " long x  $\frac{1}{2}$ " across the axis. £1.25.
28. CERARGYRITE. Silver City Dist., Owyhee Co., Idaho, U.S.A. Rich, waxy, light brown masses and crusts covering veinstuff with minor Calcite in association.  $3 \frac{1}{2} \times 2$ ". £4.50.
29. CERITE. Bastnaes Mine, Vastmanland, Sweden. Rich, dark purple brown mass with speckles of Magnetite in association.  $1 \frac{1}{4} \times 1 \times \frac{1}{4}$ ". £1.25.
30. CHALCOALUMITE. Grandview Mine, Grand Canyon, Arizona, U.S.A. Specimen A - Rich, pale sky blue slightly botryoidal thick crust covering Limonitic Gossan with odd micro crystals of Zeunerite.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £3.25; Specimen B - Thick bright sky blue slightly botryoidal sparkling crystalline crust  $1 \frac{1}{2} \times 1$ " on Limonitic Gossan.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £2.50.
31. CHALCOPYRITE. Wheal Buller, Nr. Redruth, Cornwall. Sharp, twinned, brassy crystals to 5 mm. in size, richly scattered over drusy crystallised Quartz covering cellular Quartz/Chalcopyrite veinstuff.  $3 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £4.50.
32. CHALCOPYRITE. Dreislar, Sauerland, Germany. Specimen A - Very choice large bright brassy twinned crystals some with an attractive iridescent tarnish, mostly around  $\frac{1}{4}$ " in size, very richly scattered over intergrown lustrous creamy white bladed "cox-comb" crystals of BARYTES. Excellent specimen for display,  $7 \times 5 \times 2$ ". £28.00; Specimen B - As specimen A -  $4 \frac{1}{2} \times 4$ ". £13.00; Specimen C - Bright brassy twinned crystals to 5 mm. in size, attractively dotted on bright creamy white intergrown tabular BARYTES crystals.  $2 \frac{1}{2} \times 2 \frac{1}{2}$ ". £4.50.
33. CHENEVIXITE. Wheal Gorland, St. Day, Cornwall. Rich, greenish black, masses intergrown with earthy Olivenite and Gossany Quartz, with odd small needly Olivenite crystals in cavities.  $2 \times 1 \frac{1}{2} \times 1$ ". £1.50.
34. CHILDRENITE. Drakewalls Mine, Gunnislake, Cornwall. Bright, sparkling, sharp, coffee coloured crystals richly encrusting slate matrix. The crystals are mostly around 1 mm. in size, which is large for this location.  $3 \frac{1}{4} \times 1 \frac{1}{2}$ ". £6.50.
35. CINNABAR. Almaden, Ciudad Real, Spain. Very rich, solid, bright reddish masses with very minor inclusions of blackish veinstuff. Select specimens from this classic location. Specimen A -  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ". £3.25; Specimen B -  $2 \frac{1}{2} \times 2 \times 1 \frac{1}{2}$ ". £2.50; Specimen C -  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £1.50.
36. COBALTITE/SMALITE. Dolcoath Mine, Camborne, Cornwall. Rich, silvery grey, metallic mass with odd thin crusts of pale purple Erythrite in places.  $2 \times 1 \frac{1}{4} \times 1$ ". £3.25.



37. NATIVE COPPER. United Mine, Gwennap, Cornwall. A flat, thick, tarnished dendritic coppery coloured plate richly covering milky Quartz veinstuff. Interesting specimen from this famous old Copper Mine.  $2\frac{1}{2} \times 2$ ". £3.50.
38. NATIVE COPPER. South Caradon Mine, St. Cleer, Cornwall. Choice, bright, metallic coppery rich, hackly, crystalline mass with fragments of white Quartz attached and with odd large masses of dull blackish MELACONITE in places. Very rich specimen that was collected in the middle part of the last century.  $3\frac{1}{2} \times 3 \times 1\frac{1}{2}$ ". £13.00.
39. NATIVE COPPER. Wolverine Mine, Keweenaw Pen., Michigan, U.S.A. Select, rich, hackly, bright cellular mass with minor fragments of Calcite attached and odd crystalline metallic masses of NATIVE SILVER in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £6.50.
40. CROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Transparent, elongated light orange crystal rods to 5 mm. in length richly scattered over sparkling dark green micro crystals of PYROMORPHITE encrusting one side of light brown Limonitic Gossan.  $2\frac{3}{4} \times 1\frac{1}{4} \times \frac{1}{4}$ ". £1.25.
41. CUPRITE. Wheal Unity, Gwennap, Cornwall. Very rich, dark maroon coloured solid mass with odd drusy crystals in small cavities, with much slightly fibrous bright green Malachite and a little Gossany Quartz in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75.
42. CUPRITE. Wheal Basset, Illogan, Cornwall. Choice, bright sparkling, deep reddish cellular mass composed of numerous small sharp octahedral crystals with minor fragments of milky vein Quartz.  $3 \times 2$ ". £7.00.
43. CUPRITE. Marke Valley Mine, Linkinhorne, Cornwall. Pure, deep red, sparkling cellular mass of small sharp octahedral crystals.  $1\frac{1}{2} \times \frac{1}{2}$ ". £2.75.
44. DIOPHASE. Tsumeb, Otavi, S.W. Africa. Specimen A - Very fine translucent brilliant emerald green, sharp crystals to 1 cm. in size, thickly encrusting a  $1\frac{1}{2} \times 1\frac{1}{2}$ " area on Calcite covering Hematite rich matrix.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £23.00; Specimen B - As Specimen A - with the crystals attaining 1 cm. in size, and thickly covering most of the surface of Calcite rich veinstuff.  $2\frac{3}{4} \times 1\frac{1}{2} \times 1$ ". £17.00; Specimen C - Brilliant emerald green translucent sharp crystals to 5 mm. in size, thickly covering a  $2 \times 1\frac{1}{2}$ " area on cellular matrix with odd single crystals scattered on the remainder.  $2\frac{3}{4} \times 2\frac{1}{4}$ ". £14.00; Specimen D - Small transparent bright emerald green crystals to 4 mm. in size, very attractively scattered on and encrusting rhombic creamy Calcite crystals on massive Calcite matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £9.00; Specimen E - Sharp bright emerald green translucent crystals to 3 mm. in size, thickly encrusting cellular matrix with a little pale lime-green Duftite in association.  $1 \times 1$ ". £4.50. These specimens are from a new find at Tsumeb which has produced some of the finest Diopside specimens so far discovered.
- ✓ 45. DOLOMITE. Smallclough Mine, Nenthead, Cumberland. Bright, creamy coloured "saddle" shaped crystals thickly encrusting limestone matrix with a 1 cm. sized bright cubic Galena crystal implanted towards one side.  $2\frac{1}{2} \times 2\frac{1}{4}$ ". £1.50.
- ✓ 46. DUFRENITE. Phoenix Mine, Linkinhorne, Cornwall. Rich, radiated, deep greenish rounded crystalline aggregates to  $\frac{1}{4}$ " in diameter thickly covering large areas of dense iron stained Tourmaline veinstuff.  $3\frac{1}{4} \times 2\frac{1}{2}$ ". £7.00.
47. ERYTHRINE. Mount Cobalt, Queensland, Australia. Choice, bright, raspberry coloured silky needly fibrous crystallised mass with no matrix attached. Very attractive and colourful specimen.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £8.00.
48. EUDIALYTE. Norra Karr, Ostergotsland, Sweden. Rich, pinkish, waxy masses scattered through Syenite with minor creamy yellow masses of Rosenbuschite in association.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75.
49. FLUORITE. Boltsburn Mine, Rookhope, Co. Durham. A transparent pale purplish well formed single cubic crystal with minor small creamy "nail head" Calcite crystals partially encrusting one side.  $1 \times 1 \times 1$ ". £1.75.



50. FLUORITE. Heights Mine, Weardale, Co. Durham. Very choice, transparent, bright green sharp cubic crystals, some showing inter-penetrant twinning, to  $\frac{1}{4}$ " on face edge thickly encrusting most of the surface and lining a large cavity on one side of cellular altered Limestone matrix. Excellent specimen for display.  $6 \times 4 \times 3$ ". £54.00.
51. FLUORITE. Heights mine, Weardale, Co. Durham. Specimen A - Choice, transparent deep lavender coloured, mostly transparent, sharp cubic crystals to 1" on face edge, thickly intergrown on matrix with the reverse of the specimen also covered with smaller crystals. The colouration is strongest on the face edges of the crystals and is an unusual shade for the Weardale area.  $4 \times 3 \frac{1}{2} \times 1 \frac{1}{2}$ ". £16.50; Specimen B - As Specimen A - With the crystals intergrown to form a dome shaped specimen.  $2 \frac{1}{2} \times 1 \frac{3}{4} \times 1 \frac{1}{2}$ ". £8.00; Specimen C - As Specimen A - With the crystals intergrown on matrix.  $2 \frac{1}{4} \times 1 \frac{1}{4} \times 1$ ". £4.50.
52. FLUORITE. South Crofty Mine, Illogan, Cornwall. Deep bluish well formed cubic crystals to  $\frac{1}{2}$ " on face edge, showing slightly bevelled edges and some internal colour zoning, intergrown on massive Fluorite with minor small Quartz crystals and drusy Chalcopryite in association.  $1 \frac{3}{4} \times 1 \frac{1}{2}$ ". £2.25.
53. GERSDORFFITE. Mitterberg, Austria. Rich metallic grey masses associated with golden Chalcopryite and a little Calcite.  $1 \frac{1}{2} \times 1 \frac{1}{4} \times 1$ ". £1.50.
54. NATIVE GOLD. Consolidated Discovery Mine, Yellowknife, N.W. Terr., Canada. Rich, golden, thin plates and masses scattered in places towards one end and on one side of Hematite/Quartz veinstuff.  $3 \frac{1}{2} \times 1 \frac{3}{4} \times 1$ ". £8.00.
55. HEDYPHANE. Langban, Varmland, Sweden. Rich, lustrous, creamy coloured masses thickly aggregated in a brownish matrix. Specimen A -  $2 \frac{1}{2} \times 2 \times 1$ ". £3.25; Specimen B -  $1 \frac{3}{4} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £2.25.
56. HEMATITE. Mt. Fibia, Ticino, Switzerland. Select, bright black, crystal rosette 1 cm. in size, implanted on one end of a plate of small intergrown creamy Adularia crystals, with numerous small scattered platy crystals of Hematite.  $1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £6.50.
57. HEMIMORPHITE. La Esmeralda Mine, Chihuahua, Mexico. Pale turquoise blue thick lustrous botryoidal crust covering cellular matrix.  $3 \frac{1}{2} \times 2$ ". £4.50.
58. HEMIMORPHITE. Royal Mine, Matlock, Derbys. Small, sharp, sparkling colourless crystals thickly encrusting Barytes/Fluorite veinstuff.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £1.50.
59. IDOCRASE (Vesuvianite). Ala Valley, Piedmont, Italy. Sharp, bright, deep olive-black terminated crystals to  $\frac{3}{4}$ " in size, richly intergrown on matrix.  $1 \times 1$ ". £4.50.
60. JOSEITE. Glacier Gulch, Hudsons Bay Mt., Smithers, B.C., Canada. Very rich, bright silvery grey, platy crystalline masses on and in Quartz with minor Tetradymite and specks of Molybdenite in association.  $1 \frac{1}{2} \times 1 \times 1$ ". £4.50.
61. KYANITE. Sultan Hamad, Kenya. Choice, translucent, pale greenish blue bladed crystal mass.  $2 \frac{1}{2} \times 1 \times \frac{1}{2}$ ". £1.25.
62. LEADHILLITE. Redgill Mine, Caldbeck, Cumberland. Small, sharp, transparent well formed crystals richly aggregated in a  $\frac{1}{2} \times \frac{1}{2}$ " cellular area in Quartzose veinstuff. Excellent specimen for micro study.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £2.75.
63. LIROCONITE. Wheal Gorland, St. Day, Cornwall. Select, bluish green well formed crystals mostly around 2 - 3 mm. in size, richly scattered over Gossany Quartz with much pale olive green fibrous Olivenite in association.  $1 \frac{1}{4} \times 1 \frac{1}{4}$ ". £8.00.
64. MAGNETITE. Traversella, Piedmont, Italy. Specimen A - Select large sharp crystals to 8 mm. in size, richly scattered on and lining cavities in granular Magnetite/Calcite veinstuff.  $2 \frac{1}{2} \times 2 \times 1$ ". £8.00; Specimen B - Sharp bright black crystals to 5 mm. in size, richly lining numerous large cavities in massive Magnetite.  $3 \frac{1}{4} \times 2 \times 1 \frac{1}{4}$ ". £6.50; Specimen C - Sharp black crystals to  $\frac{1}{4}$ " in size, forming an intergrown group with very minor Calcite.  $1 \times \frac{3}{4} \times \frac{1}{2}$ ". £1.25.



65. MALACHITE. Burra-Burra, Yorke Pen., S. Australia. Specimen A - Select, bright green, lustrous botryoidal mass showing very good banding along its sides and with no matrix attached.  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ". £8.00; Specimen B - Choice, lustrous green, botryoidal nobbly mass with no matrix attached and of interesting shape.  $2 \times 1 \times 1$ ". £6.50; Specimen C - As Specimen B - but showing good banding on its sides -  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
66. MALACHITE. Laurium, Attica Dist., Greece. Specimen A - Lustrous, silky light green flattened crystal rosettes lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in cellular Gossan with small bright blue crystals of Azurite and a little colourless Calcite scattered on the rest of and the reverse side of the specimen.  $3 \times 2\frac{1}{4}$ ". £6.50; Specimen B - Select, lustrous green, needly crystals richly scattered in numerous cavities in cellular brown Gossan.  $2\frac{1}{2} \times 2$ ". £4.50.
67. NATIVE MERCURY. Almaden, Ciudad Real, Spain. Rich, bright silvery globules and small masses scattered on and in massive red Cinnabar/Quartzite. Specimen A -  $3 \times 2 \times 1\frac{1}{4}$ ". £5.50; Specimen B -  $2\frac{1}{2} \times 2 \times 1$ ". £3.25.
68. MIARGYRITE. Felsobanya, Rumania. A greyish metallic elongated crystal 1 cm. in length lying flat on Quartz crystals covering matrix with smaller crystalline grey masses of Miargyrite.  $2 \times 2 \times 1\frac{1}{4}$ ". £13.00.
69. MILLERITE. Zollverein Mine, Essen, Germany. Bright, brassy metallic needles and radiated tufts richly lining large cavities in crystallised Calcite on Slaty matrix. Very attractive specimen.  $2 \times 1\frac{1}{2} \times 1$ ". £13.00.
70. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous, creamy yellow, small needly crystals and crystal balls to over  $\frac{1}{4}$ " in diameter thickly covering matrix with numerous small bright green tufts of Malachite and lustrous pale brown to colourless sharp WILLEMITE crystals in association. The reverse of the specimen also shows much Mimetite.  $4\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$ ". £16.50.
71. MOLYBDENITE. Carrock Mine, Caldbeck, Cumberland. Rich, metallic grey, foliated plates and masses aggregated on one side of Quartz veinstuff with Muscovite Mica in association.  $3 \times 2 \times 1$ ". £1.25.
72. OLIVENITE. Wheal Unity, Gwennap, Cornwall. Small, needly, olive green crystals and tufted crystal masses scattered on one side of a large slightly iron stained sharp milky pyramidal Quartz crystal.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £5.50.
73. OLIVENITE variety WOOD COPPER. Wheal Unity, Gwennap, Cornwall. Choice, pale olive green well banded mass with minor fragments of Quartz veinstuff attached.  $2\frac{1}{4} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ". £8.00.
74. ORTHOCLASE. Littlejohn Claywork, Hensbarrow Moor, Cornwall. Specimen A - A group of sharp well formed twinned crystals with no matrix attached and a faint copper staining in places.  $1\frac{1}{2} \times 1 \times \frac{3}{4}$ ". £2.50; Specimen B - A single mostly complete Carlsbad twin crystal  $1\frac{1}{2}$ " long by  $\frac{1}{4} \times \frac{1}{4}$ " across the axis. £1.25.
75. PARARAMMELSBERGITE. Echo Bay Mine, Great Bear Lake, Northwest Terr., Canada. Pure rich bright pinkish metallic mass with minor matrix attached.  $1\frac{1}{2} \times 1$ ". £2.50.
76. PARATACAMITE. Sierra Gorda District, Antofagasta, Chile. Choice, small, sharp bright green crystals aggregated in areas on light brownish waxy CERARGYRITE covering Calcite rich veinstuff. Very rich example of this mineral, the specimen being collected early this century.  $4 \times 4 \times 1\frac{1}{2}$ ". £28.00.
77. PARATACAMITE. Levant Mine, Pendennis, Cornwall. Small, bright green, sharp sparkling crystals richly encrusting both sides of Quartzose matrix.  $1\frac{1}{2} \times 1 \times \frac{3}{4}$ ". £6.50.
78. PARSONSITE. Mine La Faye, Grury, Saône et Loire, France. Rich, light yellowish crusts of velvety needly crystals lining cavities in brownish Gossan with minor Kasolite and Renardite in association. Interesting combination of these rare secondary Uranium minerals.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ". £6.50.



79. PHOSPHURANYLITE. Wheal Edward, St. Just, Cornwall. Rich, bright yellow crusts covering the surface and one side of Hematised Slate veinstuff.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.50.
80. PSEUDOMALACHITE. Coombing Park Copper Mine, Nr. Carcoar, N.S. Wales, Australia. Select, deep green, thick mammillary crust covering dense Limonitic Gossan.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £3.50.
81. PYRARGYRITE. Comstock Lode, Nevada, U.S.A. A 4 mm. cluster of sharp lustrous deep red terminated crystals in a cavity with sparkling drusy Quartz in Quartzose veinstuff.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £4.50.
82. PYRITES. Wheal Jane, Kea, Cornwall. A group of large bright brassy striated cubic crystals to 1" on edge, showing much parallel growth and intergrown with no matrix attached.  $3\frac{1}{2} \times 2 \times 1\frac{3}{4}$ ". £3.50.
83. PYROMORPHITE. South Mine, Broken Hill, N.S. Wales, Australia. Lustrous, light greenish yellow well formed elongated hexagonal crystals to 4 mm. in size, richly scattered over cellular light brown Limonitic Gossan.  $3\frac{1}{2} \times 2$ ". £4.50.
84. QUARTZ. St. Gotthard, Ticino, Switzerland. A large mostly transparent sharp well terminated single squat crystal showing inclusions of platy greenish Chlorite and elongated rods of blackish Hornblende. Choice specimen for display. 5" long by  $3\frac{1}{2} \times 2\frac{1}{2}$ " across the axis. £16.50.
85. QUARTZ. Thunder Bay, Lake Superior, Ontario, Canada. Sharp, attractive, reddish pyramidal crystals with a light Amethystine tint in places thickly intergrown and covering massive Amethystine Quartz. Crystals are mostly around 1 cm. in size.  $3 \times 2\frac{1}{4}$ " x £3.25.
86. RUTILE. Minas Gerais, Brazil. Very rich coppery coloured long needle crystals to  $1\frac{1}{2}$ " in length enclosed in clear rock crystal. The specimen has been polished on both sides to show the Rutile to best advantage.  $2\frac{1}{2} \times 2$ ". £2.25.
87. SAMARSKITE. Iveland Dist., Satersdalen, Norway. Pure, heavy, lustrous pitchy-black mass showing conchoidal fracture.  $2\frac{3}{4} \times 1\frac{3}{4} \times 1$ ". £3.25.
88. SCHEELITE. Wheal Cock, St. Just, Cornwall. Rich, lustrous creamy crystal sections and masses aggregated on and in Chlorite rich veinstuff. Specimen A -  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ ". £4.50; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £1.50. Both specimens show a brilliant fluorescence under short wave u.v.
89. SCHOLZITE. Reaphook Hill, Flinders Range, S. Australia. Specimen A - lustrous, creamy, elongated needle crystals and crystal sprays to  $\frac{1}{2}$ " in length, thickly lining a  $1\frac{1}{4} \times 1$ " cavity in brown Limonitic Gossan with other smaller cavities also lined with Scholzite.  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £6.50; Specimen B - Elongated creamy transparent needle crystals and blades richly lining cavities in Limonitic Gossan.  $2 \times 2 \times 1\frac{1}{4}$ ". £4.50; Specimen C - A  $\frac{7}{8} \times \frac{1}{2}$ " area of well crystalised lustrous creamy Scholzite on Limonitic Gossan.  $2 \times 1 \times \frac{1}{4}$ ". £1.50.
90. SCHUETTEITE. Oceanic Mine, San Luis, Obispo Co., California, U.S.A. Bright yellowish crusts covering a light coloured matrix.  $1\frac{1}{4} \times 1$ ". £4.50.
91. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Select, sharp, translucent, pale lime coloured sharp rhombic crystals to over 1 cm. in size, thickly lining large cavities in cellular Smithsonite. Very rich and well formed specimen.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £6.50.
92. SMITHSONITE variety MONHEIMITE. Montevecchio, Guspini, Sardinia. Select, well formed translucent pale brownish crystals mostly around 4 - 5 mm. in size, thickly encrusting Quartzose veinstuff.  $2\frac{1}{2} \times 2$ ". £4.75.
93. SPHALERITE. Nentsberry Mine, Alston Moor, Cumberland. Choice, very bright, sparkling black sharp crystals thickly encrusting Limestone. Specimen A - With crystals mostly around 3 mm. in size, some being of the transparent "ruby" variety.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50; Specimen B - With crystals to 5 mm. in size.  $3 \times 2 \times 1\frac{1}{2}$ ". £4.50; Specimen C - With crystals to 5 mm. in size.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.75; Specimen D -  $1\frac{1}{4} \times 1\frac{1}{4}$ ". With crystals to 5 mm. in size. £1.25.



- ✓ 94. STIBNITE. Knipes Mine, Here Hill, Ayrshire, Scotland. Very rich metallic grey bladed crystalline mass with minor Quartz and crusts of yellow Stibiconite in association.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.50.
95. STILBITE. Jewell Tunnel, Poona, India. Choice, lustrous creamy well formed terminated crystal sheaves to  $1\frac{1}{8}$ " in size, intergrown on crystalline bladed Stilbite and with numerous sharp transparent whitish APOPHYLLITE crystals to  $\frac{1}{4}$ " in size, scattered over the Stilbite crystals. Attractive specimen for display.  $5 \times 4 \times 2\frac{1}{2}$ ". £11.00.
96. SYLVANITE. Offenbanya, Transylvania, Rumania. Select, silvery, feathery masses aggregated and lying flat on Quartz covering Porphyry matrix.  $3 \times 2\frac{1}{2} \times 1$ ". £6.50.
97. TENNANTITE. Wheal Jewel, Gwennap, Cornwall. Choice, bright, silvery grey, sharp crystals to 4 mm. in size, thickly lining a  $1\frac{1}{4} \times 1$ " cavity in cellular sulphidic matrix.  $2 \times 2 \times 1\frac{1}{4}$ ". £11.00.
98. TETRAHEDRITE. Kapnik, Rumania. Sharp, silvery grey, tetrahedral crystals to 5 mm. in size, richly scattered on matrix with numerous small clear Quartz crystals in association.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
99. TOPAZ. Tepetate, San Luis Potosi, Mexico. Specimen A - Choice, sharp, elongated transparent terminated crystals of a pale peach colour, some having pale reddish tips, to 1 cm. in length, intergrown and scattered on cellular matrix with odd small plates of black Hematite in association.  $1\frac{1}{4} \times 1 \times \frac{3}{4}$ ". £4.75; Specimen B - Select, clear, sharp terminated colourless crystals to 6 mm. in length richly scattered on cellular matrix.  $1\frac{1}{4} \times 1 \times \frac{3}{4}$ ". £3.50; Specimen C - Choice, clear, terminated crystals with a faint peach colour to 7 mm. in length, intergrown on cellular matrix.  $\frac{3}{4} \times \frac{3}{4} \times \frac{3}{4}$ ". £2.25.
100. TORBERNITE. Wheal Basset, Illogan, Cornwall. Specimen A - Choice, bright green, lustrous, tabular crystals to  $\frac{1}{4}$ " on face edge, scattered in cavities in cellular crystallised Quartz.  $1\frac{1}{4} \times 1$ ". £8.00; Specimen B - Bright green tabular crystals to 4 mm. on face edge, scattered in cavities in dark cellular Gossany Quartz.  $2 \text{cl} \frac{1}{2} \times 1$ ". £5.50.
101. WAVELLITE. Hot Springs, Garland Co., Arkansas, U.S.A. Select, lustrous, lime green, radiated, circular crystal masses to 1" in diameter, thickly covering all sides of brecciated light coloured matrix.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.
102. WOLFRAMITE. Panasqueira, Beira-Beixa, Portugal. Very choice, bright black, striated well formed terminated tabular crystals in parallel growth with a cluster of large sharp silvery ARSENOPYRITE crystals attached towards the base. Excellent specimen for cabinet display.  $3\frac{1}{2} \times 2\frac{1}{4} \times 2$ ". £55.00.
103. WOLFRAMITE. Wheal Jane, Kea, Cornwall. An unusual single bright black elongated rod-like bladed single crystal, 1" long  $\frac{1}{8}$ " across the axis. £2.25.

Dear Customer,

We shall be attending the GEMCRAFT EXPO at the CROWN HOTEL, HARROGATE, YORKSHIRE, on AUGUST 28th, 29th and 30th. Our STAND is NO.9A in the BRONTE ROOM, and we shall have on show numerous fine and interesting specimens in all price ranges. As usual, we will have a number of rare old-time Cornish and other specimens put to one side behind the counter for the specialist and more advanced collectors, and we will be happy to show these on request.

Hoping that you will be able to attend the Show - we look forward to seeing you.

Richard W. Barstow.



RICHARD W. BARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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 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 1976

1. ADAMITE. Mina Ojuela, Mapimi, Durango, Mexico. Specimen A - Select, lustrous, translucent to transparent lime green coloured crystals to nearly  $\frac{1}{4}$ " in size, thickly encrusting limonitic gossan.  $3 \times 2$ ". £7.00; Specimen B - As Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen C - Small sharp translucent lime green coloured crystals mostly around 2 - 3 mm. in size, thickly encrusting and lining cavities in limonitic gossan.  $2 \times 1\frac{1}{4}$ ". £2.50.
2. ADULARIA. Val Crïstallina, Graubunden, Switzerland. A large, sharp, translucent creamy coloured crystal  $1 \times 1 \times 1$ " in size, with several smaller sharp crystals attached. Overall size -  $1\frac{1}{4} \times 1 \times 1$ ". £3.25.
3. ANATASE. Tysse, Norway. Choice, transparent, sharp, elongated terminated single QUARTZ crystals with one or more small, sharp, doubly terminated Anatase crystals to 2 mm. in size implanted one side. Crystals vary from  $1\frac{1}{2}$  - 2" in length. £1.25 each.
4. ANDRADITE variety of GARNET. Stanley Butte, Utah, U.S.A. Very sharp, lustrous, olive coloured crystals to 1 cm. in size, thickly intergrown and encrusting both sides of matrix.  $2 \times 2 \times 1\frac{1}{4}$ ". £8.75.
5. ANGLESITE. Tsumeb, Otavi, S.W. Africa. A very large, well formed lustrous terminated colourless cloudy crystal  $1\frac{1}{2}$ " long x 1" across the axis implanted on cellular crystalline Anglesite matrix, with smaller sharp Anglesite crystals and a little Galena.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £23.00.
6. NATIVE ARSENIC. Burraton Coombe Qry., St. Stephen-by-Saltaash, Cornwall. Pure, metallic grey masses, with a slightly pitted surface. Specimen A -  $1 \times 1$ ". £1.25; Specimen B -  $\frac{1}{2} \times \frac{1}{2}$ ". 80p.
7. ARSENOPIRYRITE. Chalkidiki, Kassandra, Greece. Unusual, sharp, silvery, elongated terminated crystals to 8 mm. in length, intergrown and encrusting the entire surface and part of the sides and reverse of Quartz/Sulphide veinstuff, with odd small cubes of Iron Pyrites in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £8.00.
8. ATACAMITE. Copiapo, Atacama District, Chile. Rich, very dark, blackish green, bladed crystalline mass with odd thin crusts of pale green Malachite in association.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £1.50.
9. AZURITE. Moldava, Banat District, Hungary. Small, bright, blue sharp sparkling crystals thickly lining large cavities in Limonitic Gossan with odd small green needly crystals of Malachite in places. Attractive old specimen.  $2 \times 1\frac{1}{4} \times 1$ ". £4.50.



10. AZURITE. Concepcion del Oro, Zacatecas, Mexico. Select, bright blue, well formed crystals to 5 mm. in size, aggregated in rosettes and thickly scattered over cellular Quartzose matrix with minor thin crusts of light green Malachite. The reverse of the specimen also shows scattered rosettes of Azurite crystals.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £16.50.
11. NATIVE BISMUTH. Schneeberg, Saxony, Germany. Very rich vein section consisting of feathery metallic silvery crystalline Native Bismuth intermixed with cellular Quartz and numerous small bright silvery well formed crystals of CHLOANTHITE.  $2\frac{1}{4} \times 1\frac{1}{4} \times 1$ " thick. £13.00.
12. BISMUTHINITE. George & Charlotte Mine, Tavistock Hamlets, Devon. Rich, silvery grey, bladed crystalline masses aggregated in Chlorite/Quartz veinstuff.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £1.50.
13. BISMUTHINITE. Patino Mine, Uncia, Potosi Dist., Bolivia. Choice, very rich, bright silvery grey bladed crystalline mass associated with black Cassiterite, with small bright Cassiterite crystals in odd cavities.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
14. ✓ BORNITE. Carn Brea Mine, Illogan, Cornwall. Clusters of tarnished Bornite crystals showing curved faces, the clusters mostly around 8 mm. in size, aggregated on cellular Bornite/Quartz/Chlorite veinstuff. Individual crystal faces on the clusters range up to 2 mm.  $2 \times 2 \times 1\frac{1}{4}$ ". £13.00.
15. BROCHANTITE. Mammoth Mine, Tintic District, Utah, U.S.A. Bright, deep green, small sharp sparkling crystals richly encrusting cellular Chalcocite matrix. Attractive specimen with an old label stating it was collected by Richard Pearce in 1908.  $2\frac{1}{4} \times 1\frac{1}{2}$ ". £8.00.
16. CALCITE. Machen Quarry, Rudry, Glamorgan. Sharp, composite, translucent zoned "nail head" crystals to 1" in size, richly encrusting Limestone matrix. The specimen displays well.  $3\frac{1}{2} \times 3 \times 2$ ". £4.50.
17. CALCITE. Tynebottom Mine, Garrigill, Cumberland. Translucent, milky coloured, well formed squat "nail head" crystals to  $1\frac{1}{4}$ " in size, forming an intergrown group with minor fragments of Limestone attached on one side.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £2.50.
18. CASSITERITE variety "WOOD TIN". 2 Mile Gold Diggings, Nr. Grenfell, N.S. Wales, Australia. A glass tube,  $1\frac{1}{2} \times \frac{1}{4}$ ", containing rounded alluvial pebbles of light brownish well banded "Wood Tin". An old label states that it was collected in May 1881. £2.25.
19. CELESTITE. Girgenti, Sicily, Italy. Very choice, lustrous, creamy sharp crystals showing much parallel growth, to  $\frac{3}{4}$ " in length, thickly encrusting and free standing on matrix with minor bright yellow crystalline masses of Native Sulphur in association. Attractive specimen for display.  $6 \times 4\frac{1}{2}$ ". £16.50.
20. CERUSSITE. Flux Mine, Patagonia, Arizona, U.S.A. Select, pure, lustrous snow-white cellular mass of elongated "Jack Straw" crystals, ranging up to nearly 1" in length.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £9.00.
21. CHALCEDONY. North Roskear Mine, Illogan, Cornwall. Lustrous, translucent, toffee coloured botryoidal tubose mass on Dolomite/Chalcopyrite veinstuff.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £3.50.
22. CHALCOPHYLLITE. Wheal Gorland, St. Day, Cornwall. Well formed lustrous dark emerald-green platy hexagonal crystals to 6 mm in size aggregated in a  $1 \times \frac{3}{4}$ " area on one end of gossany quartz matrix.  $2 \times 2 \times 1\frac{1}{4}$ ". £6.50p.
23. CHILDRENITE. Crinnis Mine, Nr. St. Austell, Cornwall. Small, sparkling, sharp, pale coffee coloured crystals scattered over small Quartz crystals on Quartz veinstuff. Excellent specimen for micro study.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
24. CINNABAR. Mount Avala, Nr. Belgrade, Yugoslavia. Specimen A - Small, deep red, crystals to 2 mm. in size, scattered in cavities in a Quartzose matrix with odd small blobs of Native Mercury and small Quartz crystals.  $3 \times 2$ ". £4.50; Specimen B - A  $\frac{3}{4}$ " cavity in Quartzose matrix lined with small, sharp, deep red crystals to 2 mm. in size, and odd small specks of Native Mercury.  $2 \times 1\frac{1}{4}$ ". £3.50.



25. COLEMANITE. Boron Kern Co., California, U.S.A. Very choice, sharp, transparent, terminated spear-like crystals to  $\frac{1}{2}$ " in size, encrusting and free standing on the surface and the sides of botryoidal silky creamy Yellow Calcite.  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11.00.
26. ✓ NATIVE COPPER. Fowey Consols Mine, Tywardreath, Cornwall. Select, coppery, metallic branching crystallised masses on and in brecciated Quartz/Limonite Gossan. Attractive specimen from this famous old copper mine.  $2\frac{1}{2} \times 2 \times 2$ ". £6.50.
- 27.. CORUNDUM. Biet Bridge, Limpopo River, Rhodesia. A well formed barrel shaped pinkish purple crystal with another crystal attached on one side at right angles, and with minor Epidote attached to some of the crystal faces.  $1 \times \frac{3}{4} \times \frac{3}{4}$ ". £1.25.
28. COVELLITE. Stewart Mine, Butte, Silver Bow Co., Montana, U.S.A. Select, pure, bright, purply blue iridescent platy crystalline mass with very minor Galena in association.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.25.
29. CROCOITE. Kapi Mine, Dundas, Tasmania, Australia. Choice, bright orange, well formed elongated crystals, some showing terminations, mostly around  $\frac{1}{4}$ " in length completely encrusting matrix. Very striking and colourful specimen.  $3\frac{1}{4} \times 2\frac{1}{4}$ ". £14.00.
30. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Very dark, bright, maroon coloured octahedral crystals thickly intergrown and covering both sides of and cementing brecciated Quartz veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.00.
31. DANBURITE. Danbury, Fairfield Co., Connecticut, U.S.A. Specimen A - Sharp, elongated translucent creamy coloured, crystals and crystal sections, to 1" in length, thickly intergrown on a  $2\frac{1}{2} \times 1\frac{1}{2}$ " area an massive Danburite matrix, with odd spots of black Tourmaline.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £5.50; Specimen B - Well formed creamy translucent terminated elongated crystals to  $\frac{3}{4}$ " in length, intergrown on massive Danburite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
32. DESCLOISITE. Berg Aukas, Otavi, S.W. Africa. Choice, pure, lustrous, chocolate brown cellular masses composed of branch-like spear-shaped crystals, with individual crystals ranging to 1 cm. in size. Specimen A -  $3 \times 2 \times 2$ ". £11.00; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £6.50; Specimen C -  $1 \times 1$ ". £2.50.
33. DOLOMITE. Thorold, Ontario, Canada. A  $2\frac{1}{2} \times 2\frac{1}{4}$ " cavity in Limestone matrix completely lined with lustrous pale creamy pink curved crystals, mostly around 1 cm in size. Scattered on the dolomite are odd micro crystals of BRAVOITE and Chalcopyrite.  $4 \times 3 \times 2$ ". £7.00.
34. DUNDASITE. Monteponi, Nr. Iglesias, Sardinia. Rich, snow white botryoidal micro crystallised silky masses and crusts thickly covering both sides of cellular matrix with minor small rods of creamy Cerussite.  $2 \times 2 \times 1\frac{1}{4}$ ". £6.50.
35. ENARGITE. Butte, Silver Bow Co., Montana, U.S.A. Choice, bright, silvery grey, sharp terminated crystals to  $\frac{1}{4}$ " in size, thickly lining large cavities in cellular Enargite/Pyrite veinstuff. Select specimen of this important copper mineral.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". £14.00.
36. EPIDOTE. Le Bourg d'Oisans, Isere, France. Choice, lustrous, olive green elongated terminated crystals mostly around  $\frac{3}{4}$ " in length, free standing on and thickly encrusting massive Epidote.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £16.50.
37. FLUORITE. Bingham, New Mexico, U.S.A. Translucent, pale blue, cubic crystals to 1 cm. in size, richly encrusting Quartz/Barytes matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75.
38. FLUORITE. Stanhopeburn Mine, Weardale, Co. Durham. Unusual stepped translucent pale purplish elongated cubic crystals partially encrusted with large doubly terminated lustrous milky QUARTZ crystals to nearly  $\frac{3}{4}$ " in size. Attractive small specimen.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.75.
39. GALENA. Blackdene Mine, Weardale, Co. Durham. A sharp, greyish metallic cubic crystal showing some parallel growth,  $1\frac{1}{2} \times 1 \times 1$ " in size, implanted on Quartzose matrix with odd small colourless Fluorite crystals in association.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ". £5.50.



40. GEOCRONITE. Sala, Orebro, Sweden. Choice, metallic, grey masses associated with minor Galena and odd spots of brown Siderite. Specimen A - Very rich in Geocronite -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £11.00; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50; Specimen C -  $1 \times 1$ ". £2.25.
41. GLAUCODOT. Hekansbo, Vastmanland, Sweden. Select, rich, silvery metallic masses showing some crystal faces, intergrown with Dolomite, Pyrrhotite and a little Chalcopyrite. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen B -  $1\frac{1}{2} \times 1$ ". £2.50.
42. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Bright, blackish small, sharp, elongated crystals mostly around 2 - 3 mm. in length, thickly encrusting both sides of cellular Quartz/Hematite veinstuff.  $2\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{2}$ ". £5.00.
43. NATIVE GOLD. Kola Goldfield, Mysore, India. Rich, golden, specks and small masses on and in a dark Quartz veinstuff, with much Chalcopyrite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £11.00.
44. NATIVE GOLD. Strattons Independence Mine, Sierra Nevada, California, U.S.A. Bright golden small masses scattered on Quartzose matrix.  $2 \times 1 \times \frac{1}{2}$ ". £4.50.
45. GRAPHITE. Vegardshai, Norway. Select, pure, bright, greyish foliated columnar vein section with very minor Quartz attached on one side.  $3 \times 2 \times 1\frac{1}{4}$ " thick. £3.50.
46. GROSSULARITE variety HESSONITE. Val d'Ale, Piedmont, Italy. Sharp, transparent bright orange crystals to 3 mm. in size, thickly encrusting massive Garnet matrix with very minor greenish crystallized Clinoclone in association.  $3 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £5.50.
47. GYPSUM variety SELENITE. Girgenti, Sicily, Italy. Fine, large, transparent to translucent pale creamy coloured sharp terminated twinned crystals to  $1\frac{1}{4}$ " in length, free standing on and thickly encrusting cellular matrix.  $5 \times 3\frac{1}{2} \times 2$ ". £11.00.
48. HARMOTOME. Bellsgrave Mine, Strontian, Argyllshire. Specimen A - Lustrous, creamy white, sharp twinned crystals to 1 cm. in size, thickly intergrown and encrusting matrix.  $3 \times 2 \times 1\frac{1}{4}$ ". £4.50; Specimen B - as Specimen A - with crystals mostly around  $\frac{1}{4}$ " in size,  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.25.
49. HEDENBERGITE variety SAHLITE. Sala Mine, Vastmanland, Sweden. Rich, pale greenish lustrous bladed crystalline masses associated with minor blackish cleavages of Sphalerite. Specimen A -  $2\frac{1}{2} \times 2$ ". £2.75; Specimen B -  $2 \times 1\frac{1}{4}$ ". £1.50; Specimen C -  $1\frac{1}{2} \times 1\frac{1}{4}$ ". 8Op.
50. HEMATITE. Altenberg, Saxony, Germany. Unusual very sharp, bright black, twinned crystals to 4 mm. in size, intergrown and scattered over matrix with very minor pale brownish Siderite in association. The crystals are very complex and rarely found in this form.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2} \times \frac{1}{2}$ ". £9.00.
51. HEMATITE. Rio Marina, Elba, Italy. Bright, black, well formed crystals, some with a slight iridescence, to  $\frac{3}{4}$ " in size, forming an intergrown group on massive crystalline Hematite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25.
52. HEMATITE. Cavradi, Val Tavetsch, Grisons, Switzerland. A sharp bright black large platy crystal showing triangular etch patterns, attached to a clear tabular Quartz crystal, and with small reddish well formed RUTILE crystals orientated on the faces of the Hematite. Overall size  $1 \times \frac{3}{4} \times \frac{3}{4}$ ". £7.00.
53. ✓ HEMATITE variety "KIDNEY ORE". Florence Mine, Egremont, Cumberland. Choice, very lustrous, dark blackish red, botryoidal mass of select shape for display.  $4 \times 2\frac{1}{2} \times 2\frac{1}{2}$ " high. £6.50.
54. HEULANDITE. Old Kilpatrick, Dumbarton, Scotland. Lustrous, brick red, well formed, crystals mostly around  $\frac{1}{4}$ " in size, richly scattered over Basalt matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £5.50.
55. ILVAITE. Rio Marina, Isle of Elba, Italy. A fine, sharp, well terminated elongated dark brown single crystal with two smaller crystals in parallel growth.  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis. £8.00.



56. ISO-STANNIRE. Cligga Mine, Perranzabuloe, Cornwall. Solid, pure, attractively tarnished greyish metallic masses with very minor spots of Arsenopyrite in association. Specimen A -  $2\frac{1}{4} \times 2 \times 1$ ". £3.50; Specimen B -  $2 \times 2 \times 1$ ". £2.25.
57. JACOBSITE. Langban, Vermland, Sweden. Rich, lustrous black, crystalline masses thickly aggregated in Dolomite matrix with minor thin reddish patches of LITHARGE.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50.
58. LABRADORITE. Nain, Labrador, Canada. Choice polished specimen showing superb brilliant blue and golden play of colours. An interesting old label is attached which dates the specimen December 1879 and quoting the price paid for it then of £2.00(!).  $4 \times 2\frac{1}{2}$ ". £6.50.
59. LANGBANITE. Langban, Wermland, Sweden. Small well formed blackish crystals to 3 mm. in size, aggregated in a  $\frac{1}{4}$ " cavity in massive reddish brown Richterite matrix.  $2 \times 1\frac{1}{4} \times 1$ ". £4.50.
60. NATIVE LEAD. Langban, Wermland, Sweden. Select dull greyish flexible thin sheets and masses on and in brownish Manganoophyllite rich matrix. Specimen A -  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £11.00; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen C -  $1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.25; Specimen D - Pieces approx.  $\frac{1}{2} \times \frac{1}{4}$ ". £1.25 each.
61. LINARITE. Linares, Jaen Province, Spain. Small, sharp, bright blue crystals scattered in a 1" cavity in Quartzose veinstuff with a little pale bluish micro crystallized Caledonite and odd plates of Leadhillite in association. An old label accompanies the specimen.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £5.50.
62. ✓ LISKEARDITE. Marke Valley Mine, Linkinhorne, Cornwall. Rich, creamy white, botryoidal micro crystallized crust  $1 \times \frac{1}{2}$ " in size, on ferruginous goossany matrix, with odd small cavities on the reverse of the specimen also showing Liskeardite. An old label is attached to this specimen.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
63. MALACHITE. Bogoslovsk, Ural Mts. Russia. Select, greenish cellular botryoidal banded mass with one face which has been cut and polished and shows good concentric banding.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
64. MANGANOTANTALITE. Pilbarra, Western Australia. Specimen A - A choice, dark brown, well formed terminated single crystal  $1\frac{1}{4}$ " long by  $1 \times \frac{1}{2}$ " across the axis. £4.75; Specimen B - Pure, blackish brown, heavy mass showing a crude crystalline structure.  $3 \times 2 \times 1$ ". £3.25; Specimen C - As Specimen B -  $1\frac{1}{2} \times 1\frac{1}{4} \times \frac{1}{2}$ ". £1.50.
65. ✓ MARCASITE. Parc Mine, Llanrwst, Carnarvonshire. Specimen A - Choice, bright, golden metallic bladed "axe" like crystals to 1 cm. in size, richly intergrown and encrusting large areas of Calcite matrix.  $2\frac{1}{2} \times 2$ ". £3.25; Specimen B - As Specimen A - with the crystals ranging to  $\frac{1}{4}$ " in size and completely encrusting Calcite.  $1\frac{1}{4} \times 1$ ". £1.50.
66. MICROCLINE. Pikes Peak, Teller Co., Colorado, U.S.A. Specimen A - Two sharp well formed terminated greenish crystals of the MASONITE variety attached in parallel growth with no matrix attached. Each crystal is approx.  $1\frac{1}{4}$ " long by  $1 \times 1$ " across the axis, overall size  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00; Specimen B - A choice Group of lustrous creamy sharp terminated crystals with a faint iron staining in places. Largest crystal is  $1\frac{1}{2}$ " long by  $1 \times 1$ " across the axis.  $2 \times 1\frac{1}{2} \times 2$ ". £6.50.
67. NATROLITE. Aussig, Bohemia, Czechoslovakia. Creamy white elongated terminated rod like crystals mostly around  $\frac{1}{4}$ " in length forming a divergent spray of numerous crystals  $1\frac{1}{2}$ " in size in a 2" cavity in Basalt matrix.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £3.25.
68. ORTHOCLASE. Baveno, Lake Maggiore, Italy. A choice, lustrous, creamy sharp terminated Baveno twinned crystal  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis with a portion of a large Quartz crystal and several smaller Orthoclase crystals attached. There are odd small lustrous blackish Babingtonite crystals scattered in places. Overall size  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £11.00.



69. PARADAMITE. Mina Ojuela, Mapimi, Durango, Mexico. Very choice, translucent to transparent lemon yellow sharp terminated crystals to 8 mm. in size, thickly intergrown and scattered on Limonitic Gossan. Very fine example of this rare mineral.  $3 \times 1 \frac{1}{2} \times 1$ ". £44.00.
70. PLANCHEITE. Tsumeb, Otavi, S.W. Africa. Fine, very rich, light sky blue, thick slightly botryoidal velvety micro crystallised crusts richly covering both sides of matrix with large areas showing small sharp bright green DIOPHASE crystals in association.  $2 \frac{1}{2} \times 2 \times 1$ ". £11.00.
71. POLYBASITE. Smuggler Mine, Pitkin Co., Colorado, U.S.A. Rich, silvery grey, masses thickly aggregated on and in a  $1 \times 1$ " area of Quartz veinstuff with minor masses of pink Rhodochrosite in association.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £3.25.
72. POSNJAKITE. Drakewalls Mine, Gunnislake, Cornwall. Pale blue, small sharp crystals and thin micro crystallised crusts covering areas of Slate matrix. Specimen A -  $2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £2.50; Specimen B -  $1 \frac{1}{2} \times 1$ ". £1.50.
73. PREHNITE. Dean Qry., Lizard, Cornwall. Translucent pale lime coloured Crystal sprays to  $\frac{1}{4}$ " in size, thickly covering a  $2 \times 1 \frac{1}{2}$ " area on gabbro matrix with a little Calcite in association.  $2 \frac{1}{2} \times 2 \frac{1}{2}$ ". £2.50.
74. PSEUDOMALACHITE. Libethen, Near Nausohl, Czechoslovakia. Choice, deep green, slightly banded mass with minor fragments of Quartz in association. The surface of the Pseudomalachite shows a botryoidal structure in places. An old label accompanies the specimen.  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £3.25.
75. PUCHERITE. Puchershaft, Schneeberg, Saxony, Germany. Small, sharp, sparkling pale brownish crystals to 2 mm. in size, richly encrusting a  $1 \frac{1}{2} \times \frac{1}{2}$ " area on Gossan matrix with yellowish Bismuth Ochre in association.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$ ". £27.00.
76. PYRITES. Mina Noche Buena, Zacatecas, Mexico. Bright, light golden, very sharp, striated modified pyritohedral crystals to 1 cm. in size, thickly intergrown and encrusting cellular Pyrites matrix. Attractive specimen for display.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £8.00.
77. PYROMORPHITE. Burgan Mine, Nr. Shelve, Shropshire. Small, sharp, light green crystals thickly encrusting cellular Quartz veinstuff. Specimen A -  $3 \times 2 \times 1 \frac{1}{4}$ ", very rich in Pyromorphite - £4.50; Specimen B -  $1 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £2.25.
78. PYROPHYLLITE. Indian Gulch, Mariposa Co., California, U.S.A. Select, very rich, lustrous creamy radiated crystallised masses to  $\frac{1}{4}$ " in diameter, thickly aggregated in matrix.  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1$ ". £4.50;
79. PYRRHOTITE. Trepca Yugoslavia. Choice bright bronzey sharp hexagonal crystals to  $\frac{1}{4}$ " in size, forming an intergrown group with numerous elongated spiky Milky Quartz crystals and odd areas of felt like grayish needly Boulangerite in association.  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £9.00.
80. QUARTZ. Levant Mine, Pendeen, Cornwall. Select and unusual groups composed of long slender terminated translucent to transparent crystals free standing and intergrown on cellular veinstuff. Specimen A - With the entire surface covered in crystals ranging up to  $1 \frac{1}{4}$ " in length.  $5 \times 4 \times 2 \frac{1}{2}$ ". £11.00; Specimen B - With scattered crystals to  $1 \frac{1}{4}$ " in length on cellular creamy coloured matrix.  $4 \times 2 \frac{1}{2} \times 2$ ". £4.50; Specimen C - With the crystals completely encrusting matrix and ranging up to  $1 \frac{1}{2}$ " in length.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £2.50; Specimen D - A group of intergrown divergent crystals to  $1 \frac{1}{4}$ " in length, with minor matrix attached.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £1.25.
81. QUARTZ. Snailbeach Mine, Nr. Shelve, Shropshire. Select, lustrous, milky bi-pyramidal crystals mostly around 1" in size, intergrown and completely encrusting an attractively shaped matrix of Quartz/Calcite. There are odd small brassy crystals of Chalcopyrite scattered in places on the Quartz crystals. Interesting specimen for display - samples from this mining area are rather rare.  $9 \frac{1}{2} \times 5 \times 5$ " high. £22.00.



82. **SIDERITE.** Morro Velho Goldmine, Minas Gerais, Brazil. Sharp, lustrous, pale brownish lenticular crystals to  $\frac{3}{4}$ " in size, forming an intergrown group with odd small brassy crystals of Pyrrhotite to 3 mm. in size, slender rod like crystals of brassy CUBANITE to 2 mm. in length, and a little crystallised Albite in association.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £6.50.
83. **SIDERITE.** Mont St. Hilaire, Quebec, Canada. Select, large, lustrous, light brown sharp rhombic crystals to nearly 1" in size, scattered on and intergrown with a cellular mass of well crystallised lustrous creamy ALBITE.  $3\frac{1}{2} \times 3 \times 2\frac{1}{2}$ ". £13.00.
84. **NATIVE SILVER.** O'Brian Mine, Cobalt, Ontario, Canada. Rich, silvery, hackly metallic platy veinlet cutting a dark matrix, the silver protruding out in places.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
85. **SKUTTERUDITE.** Biebr, Hesse, Germany. Very choice, sharp, silvery grey, crystals and crystal sections to  $\frac{1}{4}$ " in size, scattered on and through crystalline Quartz veinstuff. Select old specimen collected early last century.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £16.50.
86. **SPHALERITE.** Smallclough Mine, Nenhead, Cumberland. Select sharp bright black crystals to  $\frac{1}{2}$ " in size, thickly intergrown and completely encrusting both sides and two edges of matrix. Choice specimen for display.  $3\frac{1}{2} \times 3\frac{1}{4} \times 1$ ". £14.00.
87. **SPHALERITE.** Příbram, Bohemia, Czechoslovakia. Transparent well formed lime coloured "gemmy" crystals to 5 mm. in size, intergrown in a Quartz lined  $\frac{3}{4}$ " cavity in Quartz/Galena/translucent lime green Sphalerite veinstuff.  $3 \times 2 \times 1\frac{1}{4}$ ". £11.00.
88. **SPHALERITE variety SCHALENBLENDE.** Příbram, Bohemia, C.S.S.R. Specimen A - Choice, creamy to light brown very rich concentricly banded masses associated with fragments of bright greyish Galena. Fine specimen with the structure particularly well developed.  $3 \times 2\frac{1}{2} \times 1$ ". £7.00; Specimen B - Creamy brown banded mass with small cavities showing a slight botryoidal structure and with odd specks of Galena in association.  $3 \times 1\frac{1}{2} \times 1$ ". £3.25.
89. **SPINEL variety CEYLONITE.** Mte. Somma, Vesuvius, Naples, Italy. Sharp, bright black, octahedral crystals to 3 mm. in size, scattered in cavities in Olivine rich matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £4.50.
90. **TARBUTITE.** Broken Hill, Zambia. Choice, sharp, transparent, colourless crystals mostly around 2 mm. in size, richly scattered over and encrusting cellular brown limonitic Gossan.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £7.75.
91. **TELLUROBISMUTHITE.** Mangfallsberget, Örebro, Sweden. Very rich, bright silvery metallic crystalline masses aggregated in and scattered through Dolomite matrix with odd speckles of Pyrites in association. An unusually rich specimen of this mineral.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £22.00.
92. **TETRAHEDRITE.** Kapnik, Rumania. Sharp, silvery grey, tetrahedral crystals to 1 cm. in size, scattered and intergrown on slightly milky Quartz crystals covering Quartz veinstuff with a little Sphalerite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £14.00.
93. **TORBERNITE.** Wheal Edward, St. Just, Cornwall. Select light green, sharp, tabular platy crystals to 2 mm. on edge richly scattered over iron stained Quartz crystals covering Quartz veinstuff. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen B -  $2 \times 1\frac{1}{4}$ ". £3.50; Specimen C -  $1\frac{1}{2} \times 1$ ". £2.50.
94. **TOURMALINE variety SCHORL.** Pierrepont, New York, U.S.A. Specimen A - Two large lustrous black well formed crystals attached on one side with very minor Quartz in association. The crystal faces range up to  $1\frac{1}{4}$ " in size, overall size -  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £3.50; Specimen B - A group of bright black sharp intergrown crystals, with crystal faces to  $\frac{3}{4}$ " in size,  $1\frac{1}{2} \times 1 \times \frac{3}{4}$ ". £1.50.



95. TYROLITE. Falkenstein, Tyrol, Austria. Pale green feathery platy crystalised masses lying flat on Quartz matrix. Specimen each approx.  $1\frac{1}{4} \times 1$ " in size. £1.25 each.
96. URANOTHORIANITE. Mandrare River, S. Madagascar. A single sharp blackish cubic crystal.  $7 \times 7 \times 5$  mm. £3.25.
97. WILLEMITE. Tsumeb, Otavi, S.W. Africa. Fine, translucent to transparent sharp colourless to pale greenish crystals to 3 mm. in size thickly encrusting and aggregated in cellular crystalised masses on matrix with numerous elongated yellowish MIMETITE crystals and odd specks of greenish Malachite in association.  $2\frac{3}{4} \times 2 \times 1\frac{1}{4}$ ". £13.00.
98. WITHERITE. Settlingstones Mine, Hexham, Northumberland. Choice, lustrous, sharp translucent crystals to nearly  $\frac{1}{2}$ " in size, thickly intergrown and encrusting massive Witherite/Limestone vein stuff.  $3 \times 2 \times 1\frac{1}{2}$ ". £6.50.
99. ✓ WOLFRAMITE. Wheal Peevor, Redruth, Cornwall. Very rich, bright black, bladed crystalline mass, the entire surface being frosted over with a crust of sparkling drusy Quartz crystals. Unusual specimen for this location.  $3 \times 1\frac{3}{4} \times 1\frac{1}{2}$ ". £3.25.
100. WULFENITE. Old Yuma Mine, Nr. Tucson, Arizona, U.S.A. Transparent pale yellowish lustrous sharp thin tabular crystals to  $\frac{1}{4}$ " in size, attractively scattered on a blackish cellular gossany matrix.  $2 \times 1\frac{1}{4}$ ". £4.50.
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RICHARD W. DARSTOW

26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL.NO.: St. Just 880  
(STD 073 677)

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 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 1976

1. ACTINOLITE. Zillertal, Tyrol, Austria. Select lustrous greenish bladed crystals thickly embedded in and scattered through mica schist. Specimen A -  $3\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £4.50; Specimen B -  $3 \times 1\frac{1}{4} \times 1$ ". £2.25; Specimen C -  $2 \times 1\frac{1}{2}$ ". £1.25.
2. ALMANDINE. Zillertal, Tyrol, Austria. A deep reddish lustrous well formed crystal  $1\frac{1}{2} \times 1$ " in size, partially embedded in Chlorite Schist with several smaller Almandine crystals.  $2\frac{1}{2} \times 2 \times 1$ ". £4.50.
3. AMBLYGONITE. Montebbras, Creuze, France. Pure, lustrous, creamy cleavage mass with minor small masses of pale bluish MONTEBRASITE.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
4. ANALCIME. Dean Qry. St. Keverne, Lizard, Cornwall. A sharp translucent well formed whitish crystal 1" in size, implanted on Calcite/Gabbro matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
5. ANALCIME. Long Craig, Old Kilpatrick, Dumbarton, Scotland. Lustrous, translucent, sharp crystals showing minor inclusions of reddish Hematite, to  $\frac{1}{2}$ " in size, intergrown and scattered on Rhyolite.  $2 \times 2 \times 1$ ". £2.50.
6. ANNABERGITE variety CABERITE. Laurium, Attica District, Greece. Choice, lustrous lime green crystals and crystal rosettes richly lining cavities to  $\frac{1}{2}$ " in size, in matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £6.50.
7. APATITE. Schlaggenwald, Bohemia, Czechoslovakia. Light purplish, sharp hexagonal crystals to  $\frac{1}{4}$ " in size, intergrown and encrusting a  $2 \times 1\frac{1}{4}$ " area on a Quarzose veinstuff. An interesting old label accompanies this specimen.  $3 \times 2 \times 1$ ". £9.00.
8. APOPHYLLITE. Jewel Tunnel, Poona, India. A sharp, glassy, transparent crystal  $15 \times 15$  mm. in size, implanted on a pearly crystallised slightly orangey sheaf of Stilbite with smaller Apophyllite crystals.  $2 \times 1 \times 1$ ". £1.50.
9. ARAGONITE. Rowrah, West Cumberland. Lustrous, transparent, slightly milky elongated sharp spear like crystals to  $\frac{1}{2}$ " in length richly encrusting brownish Dolomite matrix. Specimen A -  $3 \times 1\frac{1}{4} \times 1$ ". £4.50; Specimen B - with the crystals being slightly smaller -  $2 \times 1\frac{1}{4} \times \frac{1}{2}$ ". £2.25.
10. ARSENOPYRITE. Hingston Qry., Nr. Callington, Cornwall. Select, sharp, silvery single crystals and crystal groups varying from 10 mm. to 15 mm. in size. £1.25 each.



11. ARSENOPYRITE. Parrall, Chihuahua, Mexico. Specimen A - Very choice large bright sharp silvery crystals, mostly around 1" in size, intergrown and forming a dome shaped mass with minor small Quartz crystals around the base. The specimen is excellent for display.  $4\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{1}{2}$ " high. £44.00; Specimen B - Choice, very bright, silvery sharp crystals to  $\frac{1}{2}$ " in size, thickly covering and lining cavities in cellular Arsenopyrite with very minor Quartz in places.  $4 \times 2\frac{1}{2} \times 2$ ". £23.00; Specimen C - Select large, bright silvery sharp crystals to  $\frac{3}{4}$ " in size, thickly encrusting massive Arsenopyrite with minor small needly grey Boulangerite crystals.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
12. AZURITE. Burra-Burra, Yorke Pen., S. Australia. A select pure, bright blue, crystalline nodule, one end of which is partially broken to reveal small, very bright sparkling blue crystals lining the inside.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00.
13. BARYTES. Settlingstones Mine, Hexham, Northumberland. Specimen A - Choice, lustrous creamy coloured sharp wedge shaped crystals, mostly around 1 cm. in size, completely encrusting a dome shaped Barytes matrix. Good specimen for display.  $5 \times 4\frac{1}{2} \times 2\frac{1}{2}$ ". £17.00; Specimen B - A fine pure stalactitic mass of sharp lustrous creamy wedge shaped crystals, mostly around 1 cm. in size. Specimen sits well and is choice for display.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
14. BERYL variety AQUAMARINE. Tongafeno, Madagascar. A select bluish elongated hexagonal crystal  $1\frac{1}{2}$ " in length partially embedded in Quartz/Felspar matrix.  $3 \times 2 \times 1\frac{1}{2}$ ". £3.50.
15. BERYL variety AQUAMARINE. Ekaterinburg, Ural Mts., Russia. A lustrous translucent to transparent well formed pale bluish single crystal of good colour with a flattish termination at one end.  $1\frac{1}{2}$ " long by  $\frac{1}{2} \times \frac{1}{2}$ " across the axis. £13.00.
16. BISMUTHINITE. Fowey Consols Mine, Tywardreath, Cornwall. Elongated, needly, crystals to  $\frac{1}{2}$ " in length, scattered in and spanning cavities in cellular Chlorite/Quartz/Chalcopyrite veinstuff. Most of the Bismuthinite needles show a partial coating of Chlorite.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.00.
17. BISMUTHINITE. Brosso Mine, Piedmont, Italy. Rich, bright, silvery grey bladed crystals to 1" in length embedded in and scattered through brownish Siderite with blackish platy Hematite in association.  $3\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £8.00.
18. BOULANGERITE. Old Treburgett Mine, St. Teath, Cornwall. A  $1 \times \frac{1}{4}$ " cavity on one end of Siderite/Galena veinstuff infilled with felt-like silvery grey Boulangerite crystals and a  $\frac{1}{4}$ " distorted greyish Tetrahedrite crystal.  $2\frac{1}{2} \times 2$ ". £3.25.
19. BOULANGERITE. Forvik, Helgeland, Norway. Specimen A - Very rich, pure greyish, metallic mass with very minor spots of Quartz and Galena in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen B - Rich, silvery grey, masses intermixed with Quartzose veinstuff.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.75.
20. BREITHAUPHITE. Cobalt, Ontario, Canada. Pure, solid, pinkish metallic mass with odd fragments of Calcite in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.50.
21. BROOKITE. Fron-Oleu, Tremadoc, Carnarvonshire, N. Wales. A lustrous, brownish red, nearly complete crystal,  $5 \times 5$  mm. in size, implanted on and partially embedded in a portion of a translucent milky Quartz crystal on Quartz matrix.  $1\frac{1}{2} \times \frac{3}{4}$ ". £3.25.
22. CALAVERITE. Lakeview & Star Mine, Kalgoorlie, W. Australia. Specimen A - Select rich brassy bladed crystalline mass  $1 \times \frac{1}{2}$ " on one end of Schistose veinstuff.  $1 \times 1$ ". £6.50; Specimen B - A 1 cm. sized mass of brassy Calaverite on one end of Schistose veinstuff.  $1 \times \frac{1}{4}$ ". £3.25.
23. CALCITE. Blackdene Mine, Weardale, Co. Durham. Choice, sharp, creamy coloured flattened 'nail-head' crystals to  $1\frac{1}{4}$ " in size, intergrown and free-standing on translucent cubic greenish purple FLUORITE crystals. Attractive specimen for display.  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00.



24. CALCITE. Tzameb, Otavi, S.W. Africa. Sharp, transparent, slightly creamy rhombic crystals to 1 cm. in size, thickly scattered over and encrusting Limestone/Hematite matrix.  $3 \times 2 \times 1 \frac{1}{4}$ ". £5.50.
25. CARNOTITE. Dove Creek, Paradox Valley, Colorado, U.S.A. Rich, bright, yellowish mass impregnating Sandstone matrix.  $1 \frac{1}{2} \times 1 \times 1$ ". £1.50.
26. CASSITERITE. Uncia Mine, Lallagua, Potosi, Bolivia. Bright, black, small sharp twinned crystals mostly around 2 mm. in size, thickly encrusting cellular Cassiterite matrix with a little Quartz in association.  $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £4.50.
27. CASSITERITE variety "WOOD TIN". Gaverigan, Goss Moor, Cornwall. A select, banded alluvial pebble of solid light brown Cassiterite. The specimen was collected over 150 years ago when these workings were being operated.  $1 \times \frac{1}{4} \times \frac{1}{2}$ ". £1.50.
28. CELESTITE. Agrigento, Sicily, Italy. Sharp, lustrous, translucent, elongated terminated crystals, mostly around  $\frac{1}{2}$ " in length, completely encrusting and free standing on matrix, with a little yellowish Native Sulphur in association.  $3 \times 2 \frac{1}{4} \times 1 \frac{1}{4}$ ". £7.00.
29. CERUSSITE. Roughtengill Mine, Caldbeck, Cumberland. A sharp, lustrous, creamy twinned crystal  $\frac{1}{2}$ " in size, free standing on cellular Quartzose veinstuff with thin crusts of drusy crystallised Pyromorphite.  $2 \frac{1}{2} \times 1 \frac{1}{4} \times 1 \frac{1}{2}$ ". £6.50.
30. CERUSSITE. Mibladen, Nr. Midelt, Atlas Mts., Morocco. Very sharp, transparent twinned crystals to  $\frac{1}{4}$ " in size, richly scattered over both sides of lustrous creamy platy Barytes crystals.  $2 \times 1 \frac{1}{2}$ ". £4.50.
31. CERUSSITE. Tzameb, Otavi, S.W. Africa. A very choice, large, transparent to translucent slight creamy coloured twinned 'sixling' crystal of overall dimension  $2 \frac{1}{2} \times 2 \times 1$ ", implanted on a matrix of small intergrown rhombic Calcite crystals.  $3 \frac{1}{2} \times 2 \times 1 \frac{1}{4}$ ". £28.00.
32. CHALCEDONY replacing Fluorite Crystals. South Wheal Tamar, Bere Alston, Devonshire. Creamy intergrown sharp octahedral crystals of Fluorite to 1 cm. in size, and showing much parallel growth, completely replaced by Chalcedony. The crystals completely encrust a plate-like matrix.  $3 \frac{1}{2} \times 2 \frac{1}{2}$ ". £4.50.
33. CHALCOPYRITE. French Creek Mine, Chester Co., Pennsylvania, U.S.A. Select, unusual, sharp light brassy skeletal crystals to  $\frac{1}{4}$ " in size, thickly encrusting massive black Magnetite with minor crystallised octahedral Pyrite in association. An old label accompanies this specimen which was collected during the last century,  $5 \frac{1}{2} \times 3 \frac{1}{4} \times 2$ ". £23.00.
34. CHALCOPYRITE. Concepcion del Oro, Zacatecas, Mexico. Bright, light brassy, sharp twinned crystals to 1 cm. in size, scattered on Quartz/Andradite Garnet matrix, with sharp transparent elongated Quartz crystals in association.  $3 \frac{1}{2} \times 3 \times 1 \frac{1}{4}$ ". £6.50.
35. CHALCOSIDERITE. Phoenix Mine, Linkinhorne, Cornwall. Lustrous, dark green, sharp crystals and crystal rosettes thickly encrusting a  $2 \times 1$ " area on ferruginous matrix. An old label accompanies this specimen.  $2 \frac{1}{4} \times 1 \frac{1}{2} \times 1$ ". £7.00.
36. COBALTITE. Hakansbo, Vastmanland, Sweden. Specimen A - A sharp, bright, tin-white crystal 5 mm. in size, partially embedded in massive Pyrrhotite matrix.  $1 \frac{1}{2} \times 1 \frac{1}{4} \times 1$ ". £4.50; Specimen B - A sharp, well formed tin-white crystal 3 mm. in size, embedded in Pyrrhotite matrix.  $1 \frac{1}{2} \times 1 \frac{1}{4} \times 1$ ". £2.50.
37. COLUMBIT. Haddam, Connecticut, U.S.A. A well formed, lustrous black, elongated tabular crystal 1" in length, partially embedded in massive creamy Orthoclase.  $2 \times 1 \frac{1}{4} \times 1$ ". £4.50.



38. NATIVE COPPER. Proprietary Mine, Broken Hill, N.S.Wales, Australia. A superb, bright coppery, pure cellular, mass composed of numerous sharp fern-like crystal branches. Most of the crystal branches exhibit the 'herring bone' crystal structure for which this location was noted. The specimen is excellent for display.  $6 \times 4 \times 2\frac{1}{4}$ ". £68.00.
39. NATIVE COPPER. Santa Rita, New Mexico, U.S.A. Select, bright coppery flat ramifying thick dendritic crystallised sheet covering most of a light coloured matrix.  $2\frac{1}{2} \times 2\frac{1}{4}$ ". £8.00.
40. CROCIDOLITE. Griqualand-West, S. Africa. Specimen A - A fine, silky, brown vein section of the silicified "TIGERS EYE" variety which has been well polished on all sides.  $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ ". £5.50; Specimen B - A select, bluish green, fibrous vein section of the silicified "HAWKS EYE" variety which has been well polished.  $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ ". £4.50.
41. CUPRITE. Phoenix Mine, Linkinhorne, Cornwall. Small bright, deep reddish sharp octahedral crystals richly lining large cavities in massive red Cuprite with a little greenish Chrysocolla on one side.  $2\frac{1}{2} \times 2 \times 1$ ". £4.50.
42. CUPROADAMITE. Laurium, Attica District, Greece. Choice, lustrous pale bluish green, sparkling botryoidal crystallised masses thickly lining numerous large cavities in cellular Limonitic Gossan with a little creamy botryoidal Smithsonite and small spiky Aragonite crystals in association. Attractive and interesting specimen.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £7.00.
43. CURITE. Chinkolobwe, Katanga, Zaire. Rich, orangey, masses associated with blackish Uraninite and thin threads of yellowish Sodydite. Specimens each approx.  $\frac{3}{4} \times \frac{1}{2}$ ". 80p. each.
44. DIOPHASE. Tsumeb, Otavi, S.W. Africa. Select, bright green, small sharp crystals thickly encrusting a botryoidal olive green coloured matrix of MOTTAMITE.  $3\frac{1}{2} \times 2\frac{1}{2}$ ". £18.00.
45. DOLOMITE. Eugi, Navarro, Spain. A choice transparent sharp, bright, rhombic crystal  $1 \times 1$ " in size, free standing on numerous smaller sharp clear rhombic crystals mostly around 1 cm. in size, thickly encrusting matrix. Choice specimen for display.  $5 \times 3\frac{1}{2} \times 1\frac{1}{4}$ ". £23.00.
46. DOLOMITE. Great Laxey Mine, Isle of Man. Sharp creamy lustrous rhombic crystals mostly around  $\frac{1}{4}$ " in size, scattered and aggregated on intergrown bright translucent pyramidal Quartz crystals to  $\frac{1}{2}$ " in size, covering Quartz veinstuff.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £3.25.
47. DUFTITE. Tsumeb, Otavi, S.W. Africa. Rich, small, lime green, sparkling crystals encrusting a cellular matrix with small bright creamy rhombic Calcite crystals in association.  $3\frac{1}{2} \times 2 \times 1$ ". £7.00.
48. EDENITE. Wilberforce, Ontario, Canada. Sharp, lustrous, terminated greenish black crystals, to  $\frac{3}{4}$ " in size, thickly scattered and partially embedded in creamy Calcite.  $2 \times 1\frac{1}{4} \times 1$ ". £3.50.
49. ENARGITE. Butte, Silver Bow Co., Montana, U.S.A. Sharp, metallic grey, terminated crystals, mostly around 3 mm. in size, scattered on Quartzose veinstuff with odd blackish Sphalerite crystals in association.  $1\frac{1}{4} \times 1$ ". £4.50.
50. FERRIMOLYBDITE. Little Cottonwood Canyon, Salt Lake Co., Utah, U.S.A. Rich, light yellowish, masses on and in Quartzose matrix with speckles of silvery grey Molybdenite.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £3.25.
51. FIBROFERRITE. Copiapo, Atacama District, Chile. An old glass lidded round tin  $2 \times 2 \times \frac{1}{4}$ " in size, containing fibrous silky pale olive coloured masses of Fibroferrite to  $\frac{1}{4}$ " in size. £4.50.
52. FLUORITE. Mine Le-Dex, Puy-de-Dome, France. Select, transparent, pale turquoise blue cubic crystals with face edges to  $1\frac{1}{2}$ ", in parallel growth on massive Fluorite.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £8.00.



53. FLUORITE. Hilton Mine, Scordale, Westmoreland. Choice, transparent, light yellow sharp cubic crystals to nearly  $\frac{1}{2}$ " in size, intergrown and completely encrusting matrix. Specimen A -  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ". £8.00; Specimen B - with crystals covering both sides -  $2\frac{1}{2} \times 2 \times 1$ ". £6.50; Specimen C -  $2 \times 2 \times 1$ ". £4.50.
54. GALENA. Sweetwater Mine, Iron Co., Missouri, U.S.A. A choice, very large, bright silvery grey single cubic crystal with the faces showing some parallel growth. The specimen shows minor attachment on the back and is excellent for display.  $3\frac{1}{4} \times 3 \times 2\frac{1}{2}$ ". £18.00.
55. GOETHITE. Restormel Royal Iron Mine, Lostwithiel, Cornwall. Bright blackish sharp terminated crystals mostly around 2 - 3 mm. in size, thickly lining numerous large cavities in cellular fibrous radiated Goethite.  $1\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ". £4.50.
56. NATIVE GOLD. Ivanhoe Mine, Kalgoorlie, W. Australia. Small, golden metallic hackly masses and specks on and in slightly iron stained milky vein Quartz. An old label accompanies the specimen which was collected in 1903.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50.
57. GOSLARITE. Rammelsberg, Harz, Germany. Pure, glassy translucent, creamy to colourless mass. An old A Krantz, Mineral Dealer of Bonn, label accompanies the specimen.  $2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
58. GYPSUM variety SELENITE. Miel, Antwerp, Belgium. Specimen A - An intergrown group of sharp, transparent, well formed terminated crystals mostly around  $\frac{1}{2}$ " in size,  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £1.25; Specimen B - A ball shaped cluster of intergrown transparent to translucent crystals to 1 cm. in size.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". 80p.
59. HEULANDITE. Jewel Tunnel, Poona, India. Choice, lustrous, sharp creamy crystals to  $\frac{1}{2}$ " in size, thickly encrusting a cellular matrix with a  $1\frac{1}{4}$ " creamy crystal sheaf of STILBITE free standing on one side.  $4\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ". £11.00.
60. HYDROZINOITE. Parc Mine, Nr. Llanrust, Carnarvonshire. Very rich, creamy white, thick botryoidal crust covering fragments of vein stuff.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1$ ". £3.25.
61. KINOITE. Christmas Mine, Gila Co., Arizona, U.S.A. Small, bright blue, crystals and crystalline masses richly scattered in a  $\frac{1}{2} \times \frac{1}{4}$ " cavity in matrix, with small sparkling clear Apophyllite crystals.  $2 \times 1\frac{1}{4}$ ". £4.50.
62. LIMONITE replacing Pyrite Crystals. Oriental Mine, Saguache Co., Colorado, U.S.A. Sharp, single, light brown cubic crystals of Pyrite completely replaced by Limonite. Crystals vary in size from  $\frac{1}{4} \times \frac{1}{4}$ " to 1 cm. x 1 cm. and are priced from 10p to 40 p. each.
63. LOLLINGITE. Castle an Dinas Mine, St. Columb, Cornwall. Rich, lustrous, silvery grey slightly columnar metallic mass with minor Quartz in association.  $2 \times 2 \times 1\frac{1}{2}$ ". £3.25.
64. MAGNETOPLUMBOITE. Langban, Weirland, Sweden. Rich, blackish, masses aggregated and scattered in dark brown crystalline Manganophyllite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
65. MALACHITE. Burra-Burra, Yorke Pen., S. Australia. Specimen A - Choice, lustrous bright green, smooth, mamillary mass showing good banding around the edges.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £8.00; Specimen B - Select, bright green, botryoidal mass showing good banding around the edges.  $2\frac{1}{2} \times 2 \times 2\frac{1}{4}$ ". £5.50; Specimen C - Smoother, bright green, botryoidal mass also showing good banding around the edges.  $1\frac{3}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}$ ". £3.25.
66. MALACHITE. Bisbee, Cochise Co., Arizona, U.S.A. Pure, light green, silky radiated crystalline cellular masses with no matrix attached. Colourful and attractive specimen. Specimen A -  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £3.25; Specimen B -  $2 \times 1\frac{1}{4} \times 1$ ". £2.50; Specimen C -  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £1.50.



67. MALACHITE. Copper Queen Mine, Bisbee, Cochise Co., Arizona, U.S.A. Fine, bright green, sharp crystals to 3 mm. in size, richly scattered in cavities in dark reddish Cuprite/Limonite matrix, with odd small masses of Native Copper in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". \$4.75.
68. MARCASITE. South Crofty Mine, Illogan, Cornwall. Choice, large, bright, light brassy, sharp spear-like crystals to  $\frac{1}{2}$ " in size, intergrown and scattered on massive Marcasite/Quartz veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". \$11.00.
69. MIMETITE. Driggeeth Mine, Calstock, Cumberland. Select, lustrous, pea-green small sharp barrel shaped crystals to 3 mm. in size, richly encrusting cellular Quartz veinstuff. Specimen A - with Minette covering the surface and one side of the sample -  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". \$4.50; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". \$2.75; Specimen C - with crystals to 4 mm. in size, -  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". \$1.50.
70. OLIVENITE variety "WOOD COPPER". Wheal Unity, Gwennap, Cornwall. Choice, lustrous, radiated light brownish to olive coloured thick bands and masses cutting through and cementing slightly cellular fragmented Quarzose Gneiss. Select rich old specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". \$16.50.
71. PERIDOTITE. Rauris, Salzburg, Austria. Specimen A - Fine, lustrous, sharp creamy crystals with a faint brownish iron staining in places, to  $\frac{1}{4}$ " in size, forming an intergrown pure crystal mass with very minor Schist attached on one side.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". \$14.00; Specimen B - Select, lustrous, sharp, creamy crystals with a faint iron staining in places, to  $\frac{3}{4}$ " in size, forming a pure crystal mass with a  $\frac{1}{4}$ " flattened Quartz crystal attached on one side.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". \$6.50.
72. PETZITE. McIntyre Mine, Timmins, Ontario, Canada. Small, silvery grey, metallic masses scattered in Quartz with specks of Native Gold.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ ". \$4.50.
73. PIEDMONTITE. St. Marcel, Piedmont, Italy. Rich, bladed, reddish brown, crystalline masses intergrown with a little Calcite and greyish Pyrolusite. Specimen A -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". \$4.50; Specimen B -  $1\frac{1}{2} \times 1$ ". \$1.75.
74. PLUMBIOFERITE. Jakobsgberg, Nordmark, Sweden. Bright black, platy crystalline masses associated with granular black Magnetite. Specimen A -  $1\frac{1}{2} \times \frac{1}{2}$ ". \$2.25; Specimen B -  $\frac{1}{2} \times \frac{1}{2}$ ". \$1.25.
75. PSEUDOMALACHITE. Miguel Varcas Mine, Alentejo, Portugal. Select, deep green, silky crystalline thick botryoidal mass,  $1\frac{1}{2} \times 1$ " in size, on Slate/Quartz veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". \$3.25.
76. PYRRHOTITE. Freiberg, Saxony, Germany. Well formed, lustrous, deep red crystals to 4 mm. in size, intergrown on a  $\frac{1}{4}$ " area in a drusy Quartz lined cavity in Quartz veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". \$9.00.
79. PYRITE. Sovrano Mine, Tuscany, Italy. A bright, sharp, brassy, striated single cubic crystal with some smaller crystals attached in places.  $2 \times 2 \times \frac{1}{2}$ ". \$4.50.
80. PYROLUSITE. Sid-Ayad, Midelt, Atlas Mts., Morocco. Bright, silvery grey, metallic elongated radiated crystals and crystal masses to  $\frac{1}{2}$ " in length, richly intergrown on Calcite/Pyrolusite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". \$6.50.
81. PYROMORPHITE. Plynlimon, Cardiganshire. Rich, light green, crust of small sharp elongated hexagonal crystals thickly covering Quarzose veinstuff.  $2 \times 1\frac{1}{2} \times 1$ ". \$3.25.
82. QUARTZ. Wheal Jane, Kna, Cornwall. Specimen A - Choice, transparent to translucent lustrous sharp terminated elongated hexagonal crystals to  $\frac{1}{4}$ " in length, completely encrusting and free standing on Quartz/Sphalerite veinstuff. One side of each of the Quartz crystals is dusted with small sharp, bright brassy cubic Pyritic crystals. Excellent specimen for display.  $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ ". \$13.00. Specimen B - Well formed lustrous milky pyramidal crystals to  $\frac{1}{4}$ " in size, free standing on massive Quartz, with the crystals frosted with pale brassy slightly stactitic Marcasite, on which are scattered odd bright brassy Pyrite crystals.  $4 \times 3 \times 2$ ". \$8.00.



83. QUARTZ. Wheal Jane, Kew, Cornwall. Specimen A - Select, lustrous, slightly milky, sharp elongated terminated crystals mostly around  $\frac{1}{2}$ " in length, completely encrusting and free standing on Quartzose veinstuff, with small brassy Pyrite crystals scattered on one face of most of the Quartz crystals.  $3\frac{1}{2} \times 3$ ". £6.50; Specimen B - Chote, pure group, of lustrous transparent to translucent sharp elongated crystals to  $\frac{1}{2}$ " in length, with odd small Pyrites and Arsenopyrite crystals in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
84. RHODOCHROSITE. Kassandra Mine, Chalkidiki, Greece. Specimen A - Fine, pure, cellular light pink mass composed intergrown divergent elongated columinar crystals. Interesting and unusual specimen.  $5 \times 3 \times 2$ ". £18.00; Specimen B - Select, lustrous light pink elongated crystals to  $\frac{1}{4}$ " in size, attractively scattered over cellular Quartz veinstuff with odd small bright Quartz crystals and a little Sphalerite and Chalcopryrite in association.  $4 \times 3\frac{1}{2} \times 2\frac{3}{4}$ ". £11.00; Specimen C - Lustrous; light pink, cauliflower-like columinar crystal masses to  $\frac{1}{4}$ " in size, scattered on Quartzose veinstuff with numerous small Quartz crystals in association.  $2\frac{1}{2} \times 2 \times 1$ ". £4.50.
85. RHODOCHROSITE. Broken Hill, N.S. Wales, Australia. Fine, silky, light pink, crystalline botryoidal masses and odd well formed crystals to 5 mm. in size, thickly lining a  $1\frac{1}{2} \times 1\frac{1}{4}$ " cavity in ferruginous matrix.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £5.50.
86. RUTILE. Graves Mountain, Lincoln Co., Georgia, U.S.A. A sharp, well formed, lustrous, deep reddish brown, single crystal.  $\frac{7}{8} \times \frac{1}{2} \times \frac{1}{2}$ ". £4.50.
87. SAMARSKITE. Iveland District, Satersdalen, Norway. A pure, heavy, blackish brown lustrous mass, showing conchoidal fracture.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.25.
88. SAPPHIRINE. Antanimore, Madagascar. Choice, light blue, well formed crystals and crystal sections, mostly around  $\frac{1}{4}$ " in size, thickly scattered on and in Calcite/Muscovite matrix. Very rich specimen af this mineral.  $4 \times 2\frac{1}{2} \times 2$ ". £11.00.
89. SCHEELITE. Carrock Mine, Caldbeck, Cumberland. A well formed, orangey brown crystal, 17 x 12 mm. in size, implanted on massive Scheelite/Wolframite/Quartz veinstuff.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £8.00.
90. SCORODITE. Hemerdon Ball Openworks, Plympton, Devon. Specimen A - Lustrous, light greenish, small sharp crystals mostly around 2 mm. in size, thickly lining large cavities in Quartz/Greisen veinstuff.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50; Specimen B - Small, sparkling, light green crystals lining large cavities in Quartz/Greisen.  $2 \times 1\frac{1}{2} \times 1$ ". £2.50; Specimen C - A  $\frac{1}{2}$ " cavity in Quartz/Greisen completely lined with small sharp light green sparkling crystals.  $1\frac{1}{2} \times 1$ ". £1.25.
91. SCORODITE. Bejanca Mine, Portugal. Small, bright, sharp olive green crystals richly scattered over milky Quartz matrix.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.50.
92. NATIVE SILVER. 200' Level, Casey Mine, Cobalt, Ontario, Canada. Very rich, silvery metallic nuggety mass with a little Calcite and greyish Smaltite in association. An old label accompanies this specimen.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £5.50.
93. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Choice, lustrous, sharp, creamy translucent rhombic crystals to  $\frac{1}{2}$ " in size, thickly intergrown on matrix.  $3 \times 2\frac{1}{2} \times \frac{1}{2}$ ". £11.00.
94. SPHALERITE. Smallcough Mine, Nenthead, Cumberland. Select, bright black, sharp crystals thickly encrusting altered Limestone matrix. Specimen A - Showing crystals mostly around 5 mm. in size, completely encrusting the surface and the sides of matrix -  $4 \times 3\frac{1}{2} \times 2$ ". £9.00; Specimen B - With crystals to  $\frac{1}{2}$ " in size, completely encrusting matrix -  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50; Specimen C - With crystals to 1 cm. in size, richly scattered on matrix -  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £3.50; Specimen D - With crystals mostly around  $\frac{1}{4}$ " in size, thickly encrusting both sides of matrix -  $3 \times 1\frac{1}{4}$ ". £1.50.



95. SPHALERITE. Coalclough Mine, Nr. Nenthead, Cumberland. A  $\frac{3}{4} \times \frac{1}{2}$ " bright black composite crystal implanted on small sparkling Quartz crystals covering matrix.  $1\frac{1}{2} \times \frac{1}{4}$ ". £1.25.
96. SPHALERITE. Picos de Europe, Santander, Spain. Select, transparent, yellowish brown cleavage mass of cutting quality.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
97. STICHTITE. Dundas, Tasmania, Australia. Rich, waxy, light purplish mass covering foliated Serpentine matrix. Specimen A -  $3 \times 2\frac{1}{2}$ ". £4.50; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25; Specimen C -  $2 \times 1\frac{1}{2}$ ". £1.50.
98. STROMEYERITE. Magma Mine, Pinal Co., Arizona, U.S.A. Pure, solid, heavy metallic grey masses with a slight tarnish in places. Specimen A -  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £5.50; Specimen B -  $\frac{3}{4} \times \frac{1}{2} \times \frac{1}{2}$ ". £2.25.
99. TETRAHEDRITE. Kepnik, Rumania. Bright, silvery grey, well formed crystals to 8 mm. in size, scattered on and intergrown with lustrous brownish black Sphalerite crystals to 1 cm. in size, all completely encrusting cellular Pyrite/Quartz/Sphalerite veinstuff.  $5 \times 3\frac{1}{2}$ ". £17.00.
100. TORBERNITE. South Terras Mine, St. Stephen, Cornwall. Rich, small, light green, tabular crystals encrusting slightly iron stained slate matrix. Specimen A -  $3\frac{1}{2} \times 2 \times 1$ ". £4.50; Specimen B -  $2 \times 2$ ". £2.50.
101. TOURMALINE. Governador Valadares, Minas Gerais, Brazil. A lustrous, mostly transparent well formed olive green striated crystal section  $1\frac{1}{2}$ " long,  $\times 8$  mm. wide, partially embedded in milky Quartz with other smaller crystal sections of Tourmaline.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
102. TRITOMITE. Norra Karr, Orebro, Sweden. Lustrous pitchy brown, cubic crystal sections to 5 mm. in size, scattered through Gneiss matrix.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £4.50.
103. VANADINITE. Apache Mine, Nr. Globe, Gila Co., Arizona, U.S.A. Bright orangey red, small sharp hexagonal crystals attractively scattered over matrix.  $3 \times 2 \times 1$ ". £3.25.
104. VARISCITE. Hot Springs, Garland Co., Arkansas, U.S.A. Select, light green, silky crystalline botryoidal masses, richly encrusting areas of a cellular light coloured brecciated matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
105. WOLFRAMITE. Castle an Dinas Mine, St. Columb, Cornwall. Rich, bright black bladed mass intergrown with minor milky Quartz.  $3 \times 2 \times 1\frac{1}{4}$ ". £2.50.
106. WULFENITE. Mina San Francisco, Sonora, Mexico. Specimen A - Choice, bright sharp, yellow tabular crystals to 1 cm. in size, intergrown and free standing on pale yellowish slightly botryoidal Mimeticite.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.75; Specimen B - Rich, bright yellow, intergrown mass of platy crystals partially encrusted with light orangey crystalline Mimeticite.  $2 \times 1\frac{1}{2} \times 1$ ". £4.50.
107. ZARATITE. Texas, Lancaster Co., Pennsylvania. U.S.A. Rich, light apple green, lustrous, crusts covering both sides of blackish Chromite matrix.  $2 \times 1\frac{1}{2} \times 1$ ". £2.25.

GEMSHOW 1976

at the  
WESTGATE HALL,  
CANTERBURY.

Friday and Saturday October 22nd & 23rd  
9.30 a.m. to 7.30 p.m.

We shall be attending this Show and our Stand is situated close to the entrance of the Main Exhibition Hall.

We look forward to meeting any customers and friends who might be coming, and will as usual have on display a large selection of fine and interesting minerals. Behind the counter we will have a number of rare and unusual items for the specialist collectors.



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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 1976

1. ALLOPHANE. Salzburg, Tyrol, Austria. Rich, light turquoise blue, mass associated with minor Mica Schist.  $3 \times 2 \frac{1}{2} \times 1 \frac{1}{4}$ ". £4.50.
2. ANATASE. Fron-Olew, Tremadoc, Carnarvonshire, N. Wales. Specimen A - Sharp, well formed, bluish black crystals mostly around 2 mm. in size, richly scattered over matrix with small sharp creamy ALBITE crystals in association.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £5.50; Specimen B - A single sharp lustrous crystal 3 mm. in size, implanted on one side of matrix with several smaller crystals and a little Albite.  $2 \frac{1}{2} \times 1 \frac{1}{4}$ ". £3.25; Specimen C - Small, sharp, lustrous crystals associated with crystalised Albite or Quartz on matrix. Specimens each approx.  $1 \times 1$ ". £1.50 each.
3. ANGLESITE. Monte Ponì, Iglesias, Sardinia. Choice, transparent, water clear sharp crystals to 8 mm. in size, intergrown and scattered in a 1" cavity in solid Galena matrix. The specimen was collected early this century.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{4}$ ". £17.00.
4. NATIVE ANTIMONY. Rawdon, Hants Co., Nova Scotia, Canada. Very rich bright silvery crystalline masses on and in matrix.  $2 \times 2$ ". £4.50.
5. APATITE. Botallack, St. Just, Cornwall. Lustrous, creamy coloured well formed hexagonal crystal sections to over  $\frac{1}{2}$ " in length, partially embedded in crystalline brown Grossular Garnet.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £3.25.
6. APOPHYLLITE. Jewel Tunnel, Poona, India. Very choice, large, sharp, lustrous translucent slightly creamy coloured crystals to over 1" in size, intergrown and attractively scattered over matrix with odd white needly 'puff balls' of OKENITE and a little crystalised Quartz in association. Fine specimen for display.  $7 \times 3 \frac{1}{2} \times 2 \frac{1}{2}$ ". £14.00.
7. ATACAMITE. Copiapo, Atacama, Chile. Lustrous, deep green, bladed crystals to  $\frac{1}{4}$ " in length, thickly encrusting and lining cavities in cellular reddish Hematite matrix.  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{4}$ ". £14.00.
8. AZURITE. Concepcion del Oro, Zacatecas, Mexico. Lustrous, deep blue, crystals and crystal rosettes mostly around 3 - 4 mm. in size, richly scattered on both sides of cellular Limonitic Gossan with minor small tufts of greenish Malachite.  $2 \frac{1}{2} \times 1 \frac{1}{2} \times 1$ ". £4.75.
9. AZURITE. Chessy, Rhone, France. A pure deep blue ball-like cluster of intergrown well formed crystals ranging up to 1 cm. in size.  $1 \times 1$ ". £13.00.



10. AZURITE. Henderson Mine, Bisbee, Cochise Co., Arizona, U.S.A. Specimen Choice, bright blue, crust of small crystal rosettes covering matrix with light green slightly botryoidal MALACHITE in association. The reverse of the specimen is encrusted with Malachite on which are implanted crystal rosettes of Azurite to 5 mm. in size.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £23.00; Specimen B - Bright blue crystalline "balls" mostly around 3 - 4 mm. in size, richly scattered over matrix with minor light green Malachite in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £16.50; Specimen C - Select, bright blue, crystal rosettes to  $\frac{1}{4}$ " in size, thickly encrusting matrix.  $3\frac{1}{2} \times 1\frac{1}{2}$ ". £13.00. All the above specimens are attractive for display.
11. BARYTES. Hilton Mine, Scordale, Westmoreland. Lustrous, transparent to translucent sharp terminated tabular crystals to  $\frac{1}{2}$ " in size, free standing and aggregated in parallel growth on Barytes/Fluorite matrix.  $3 \times 3 \times 2$ ". £6.50.
12. BARYTES. Ale & Cakes Mine, Gwennap, Cornwall. Unusual, lustrous, translucent, dark olive coloured sharp crystals to 1 cm. in size, intergrown and scattered over cellular Quartz veinstuff.  $2\frac{1}{2} \times 2 \times 1$ ". £6.50.
13. BARYTOCALCITE. Blagill Mine, Nr. Alston, Cumberland. Choice, transparent, slightly creamy coloured sharp elongated terminated crystals to over  $\frac{1}{4}$ " in length, thickly lining cavities in brecciated Limestone/Barytocalcite matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £5.50.
14. BAYLDONITE. Wheal Carpenter, Gwinear, Cornwall. Rich, crusts of apple green small sparkling rhombic micro crystals covering cellular Quartz veinstuff. Specimen A -  $3 \times 2 \times 1\frac{1}{2}$ ". £4.50; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25; Specimen C -  $1 \times 1$ ". £1.75.
15. NATIVE BISMUTH. Wheal Sparrow, Redruth, Cornwall. Rich, tarnished, metallic cleavages scattered through massive greyish Smaltite. Specimen was collected early last century.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
16. BORNITE. Dolcoath Mine, Camborne, Cornwall. Unusual, tarnished, botryoidal crystalline masses protruding from and encrusting cellular partially altered Chalcopyrite veinstuff. This form is known locally as "Blister Bornite".  $3 \times 2 \times 1\frac{1}{2}$ ". £6.50.
17. BOURNONITE. Kapnik, Rumania. Sharp, lustrous, metallic grey, twinned "cog-wheel" crystals to  $\frac{1}{4}$ " in size, scattered on drusy crystallised Quartz on Sphalerite/Quartz matrix. An old label of the Bergacademische Freiberg accompanies the specimen.  $3\frac{1}{2} \times 2 \times 2$ ". £16.50.
18. CALCITE. Carrock Mine, Caldbeck, Cumberland. Select lustrous creamy stout terminated sharp hexagonal crystals mostly around  $\frac{1}{2}$ " in size, free standing on and completely encrusting a plate-like matrix.  $4 \times 3$ ". £7.00.
19. CALCITE. Tsumeb, Otavi, S.W. Africa. Sharp, transparent, creamy coloured, terminated complex crystals to  $\frac{1}{2}$ " in size, intergrown and encrusting matrix with minor pinkish drusy crystallised Dolomite in association.  $4 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £8.00.
20. CALCITE. Dimple Mine, Nr. Matlock, Derbyshire. Sharp, transparent, creamy elongated spiky crystals to  $\frac{1}{4}$ " in length, free standing on crystalline Calcite veinstuff. The specimen was collected in the early part of the last century.  $2 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ". £2.25.
21. CASSITERITE. Elsmore, N.S. Wales, Australia. Specimen A - A very choice, lustrous, deep brownish, sharp, twinned single crystal  $1\frac{1}{2} \times 1\frac{1}{4} \times \frac{3}{4}$ ". £14.00; Specimen B - Sharp, lustrous blackish, twinned crystals mostly around  $\frac{1}{4}$ " in size, scattered and aggregated on crudely crystallised Quartz.  $2 \times 2$ ". £7.00; Specimen C - A cluster of bright blackish brown sharp twinned crystals, the largest being nearly 1 cm. in size.  $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$ ". £3.50.
22. CASSITERITE. Great Wheal Vor, Breage, Cornwall. Small, sharp, bright, blackish brown crystals thickly encrusting and lining cavities in massive Cassiterite with minor altered Slate attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.



23. CERUSSITE. Pentireglaze Mine, St. Minver, Cornwall. Lustrous, white, elongated 'Jack-straw' crystals to  $\frac{1}{4}$ " in length, scattered over blackish Psilomelane. coated crystallised Quartz.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £6.50.
24. CERUSSITE. La Croix-aux-Mines, Vosgés, France. Lustrous, translucent, creamy coloured sharp twinned crystals to  $\frac{1}{4}$ " in size, richly scattered on and lining cavities in a brownish Quartz veinstuff.  $3 \times 2 \times 1$ ". £4.50.
25. CERUSSITE. Tsumeb, Otavi, S.W.Africa. Select, transparent to translucent, sharp glassy 'sixling' crystal with minor matrix attached on one side.  $2 \times 1\frac{1}{2} \times 1$ ". £7.00.
26. CHALCOCITE. Wheal Harriet, Camborne, Cornwall. Bright metallic grey crystals to  $\frac{1}{4}$ " in size, intergrown along one side of a cellular Chalcocite/Quartz veinstuff with numerous cavities lined with small sharp light brown SIDERITE crystals.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £8.00.
27. CHALCOCITE. Levant Mine, Pendeen, Cornwall. Very rich, bright metallic grey, heavy mass with very minor reddish Hematite in association.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
28. CHALCOPYRITE. Devon Friendship Mine, Mary Tavy, Devon. Bright, brassy, well formed crystals to 8 mm. in size, intergrown on matrix with a little crystallised Quartz.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
29. CHRYSOTILE. Dundas, Tasmania, Australia. Select, silky, fibrous veinlets running in parallel through a greenish Serpentine matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
30. CONICALCITE. Mina Ojuela, Mapimi, Durango, Mexico. Rich, light green, crystallised masses thickly encrusting cellular Limonitic Gossan with odd silky dark green 'balls' or Rosasite scattered in places.  $3 \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £4.75.
31. NATIVE COPPER. Goonhilly Down, Lizard, Cornwall. Choice, bright metallic, thick hackly mass with very minor Cuprite and Serpentine attached.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
32. NATIVE COPPER. Bay State Mine, Keweenaw Pen., Michigan, U.S.A. Bright, hackly metallic masses richly scattered on and in a dark reddish Basalt matrix with much whitish Calcite in association. Interesting specimen for study.  $3 \times 2\frac{1}{2} \times 2$ ". £2.75.
33. CUPRITE. Tolcarne Mine, Camborne, Cornwall. Choice, deep reddish, sparkling cellular mass of small sharp octahedral crystals with minor Quartz/Chlorite veinstuff attached.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
34. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Rich, bright, deep maroon coloured octahedral crystals to 3 mm. in size, forming an intergrown cellular mass with fragments of white vein Quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.00.
35. CUPRITE. Chessy, Rhone, France. A single sharp Malachite coated octahedral crystal.  $10 \times 8 \times 8$  mm. £4.50.
36. CUPROSKLODOVSKITE. Musonoi, Katanga, Zaire. Very rich, light green, radiated crystalline mass with small cavities lined with small needle crystals, and with minor yellowish Sklodowskite in association.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £13.00.
37. CURIENITE. Mounana, Gabon. Bright orange crust of micro crystals covering matrix.  $\frac{1}{2} \times \frac{1}{2}$ ". £6.50.
38. CURITE. Chinkolobwe, Katanga, Zaire. Small, sharp, well formed bright orange crystals richly lining cavities in massive yellow Soddyite with a little Torbernite in association.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £27.00.
39. DANALITE. Yxsjöberg, Wermland, Sweden. Rich, brownish red, masses and crystalline cleavages aggregated in Skarn with odd spots of Pyrrhotite and creamy Scheelite in association. Specimen A -  $3 \times 2 \times 1\frac{1}{2}$ ". £8.00; Specimen B -  $2\frac{1}{4} \times 2 \times 1$ ". £6.50; Specimen C -  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £3.50; Specimen D -  $1\frac{1}{2} \times 1$ ". £1.50.



40. DIOPHASE. Tsumeb, Otavi, S.W. Africa. Bright emerald green sharp crystals to  $\frac{1}{4}$ " in size, scattered on and intergrown with sharp transparent rhombic crystals of Calcite completely covering a cellular matrix.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £8.00;
41. DUNDASITE. Kapi Mine, Dundas, Tasmania, Australia. Pale creamy micro crystallised crusts richly encrusting small sharp terminated orangey crystals of CROCOITE completely covering Limonitic Matrix.  $1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
42. DYSCRASITE. Schneeberg, Saxony, Germany. Small, sharp, silvery, crystals lining cavities in massive grey Native Arsenic with minor reddish Proustite in association.  $2 \times 1$ ". £13.00.
43. EUXENITE. South Sharbrooke, Lanark Co., Ontario, Canada. Rich, lustrous, pitchy black masees associated with pinkish Feldspar.  $1\frac{1}{4} \times 1$ ". £1.25.
44. FLUORITE. Kilhope Mine, Wearhead, Co. Durham. Sharp, transparent, pale yellowish cubic crystals to 15 mm. on face edge, forming an attractive intergrown group with one side of the specimen partially encrusted with curved lustrous brown crystals of Siderite.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
45. FOWLERITE. Franklin, Sussex Co., New Jersey, U.S.A. Lustrous, pink, tabular crystal sections to 1" in size, richly scattered through and partially embedded in Calcite matrix with odd spots of blackish Franklinite.  $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £7.00.
46. GALENA. Blackdene Mine, Weardale, Co. Durham. Choice, very bright, metallic grey cubic crystals to  $1\frac{1}{2}$ " on edge, forming an intergrown group associated with pale, slightly purple, cubic crystals of Fluorite. Large areas of the specimen are frosted over with small bright sparkling doubly terminated Quartz crystals. Choice, attractive specimen for display.  $5\frac{1}{2} \times 3\frac{1}{4} \times 2$ ". £22.00.
47. GALENA. Herodsfoot Mine, Lanreath, Cornwall. Specimen A - Small, sharp, metallic grey, octahedral crystals richly lining cavities in massive Galena with odd large light lenticular crystals of Siderite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.25; Specimen B - Small, metallic grey, modified cube-octahedral crystals to 4 mm. in size, richly encrusting a cellular matrix with little creamy crystallised Dolomite and odd small Chalcopyrite coated tetrahedrite crystals.  $2 \times 1\frac{1}{4}$ ". £1.75.
48. GOETHITE variety "WOOD IRON". Restormel Royal Iron Mine, Lostwithiel, Cornwall. Select, brownish, well banded mass with minor drusy crystallised Quartz in association.  $2\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £2.25.
49. GRANDIDIERITE. Andrahomana, S. Madagascar. Rich, lustrous, glassy, olive green mass with much dark brown platy crystalline Phlogopite mica in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £6.50.
50. HEMIMORPHITE. Mina Ojuela, Mapimi, Durango, Mexico. Choice, transparent, elongated terminated tabular crystals to  $\frac{1}{4}$ " in length richly scattered on and associated with much large sharp lustrous creamy rhombic crystals of CALCITE to 1" on face edge, all covering a cellular brown Limonitic gossan. Very attractive specimen for display.  $7\frac{1}{2} \times 5 \times 2$ ". £18.00.
51. HEMIMORPHITE. La Esmeralda Mine, Chihuahua, Mexico. Select, lustrous, light turquoise blue botryoidal mass thickly covering cellular matrix.  $3 \times 2 \times 1\frac{1}{4}$ ". £4.50.
52. HEULANDITE. Coonabarabran, N.S. Wales, Australia. Lustrous, reddish brown, sharp crystals to  $\frac{1}{4}$ " in size, thickly encrusting an altered Basalt matrix.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
53. HEULANDITE. Campsie Fells, Stirling, Scotland. Lustrous, creamy white, sharp crystals, mostly around  $\frac{1}{4}$ " in size, thickly encrusting Basalt.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.50.



54. HOLLANDITE. Sorharas Mountain, Ultevis Range, Kvickjokk, Sweden. Very rich, steely grey, elongated needly fibrous crystalline masses with minor Quartz and purplish Fluorite in association. Specimen A -  $4 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.75; Specimen B -  $2\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
55. IDOGRASE (Vesuvianite). Bellecombe, Val d'Aosta, Italy. Specimen A - Choice, lustrous, sharp terminated deep olive coloured crystals to  $\frac{1}{4}$ " in size, intergrown and scattered on massive Idocrase.  $2 \times 1\frac{1}{2}$ ". £8.50; Specimen B - Lustrous, sharp, deep olive coloured crystals to  $\frac{1}{4}$ " in size, richly intergrown on massive Idocrase.  $1\frac{1}{4} \times \frac{1}{2}$ ". £4.50.
56. KAERSUTITE. Kingman, Mohave Co., Arizona, U.S.A. Rich, lustrous black, crystalline masses scattered through a greyish matrix.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £2.25.
57. KENTROLITE. Langban, Wermland, Sweden. Rich, lustrous, blackish mass with minor light brownish Schefferite in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50.
58. LEADHILLITE. Susanna Mine, Leadhills, Lanarkshire, Scotland. Select, creamy coloured platy crystals and crystalline masses intergrown on matrix.  $\frac{1}{2} \times \frac{1}{2}$ ". £1.50.
59. LEPIDOLITE. Tordal, Telemark, Norway. Choice, bright, lavender coloured crystalline platy cleavage "books", with minor creamy white Cleavelandite, Quartz or pale green Fluorite in association. Specimen A -  $5 \times 4\frac{1}{2} \times 2$ " - choice for display or economic study - £9.00; Specimen B -  $4 \times 4 \times 1\frac{1}{2}$ ". £4.50; Specimen C -  $3 \times 2\frac{1}{4} \times 1$ ". £3.25; Specimen D -  $3 \times 2 \times 1\frac{1}{4}$ ". £2.25.
60. LIBETHENITE. Phoenix Mine, Linkinhorne, Cornwall. Lustrous bright, dark olive green, well formed crystals mostly around 2 mm. in size, scattered on cellular Quartz/Hematite Gossan.  $2 \times 1\frac{1}{2} \times 1$ ". £3.50.
61. LINARITE. Blanshard Claims, Dingham, New Mexico, U.S.A. Rich, bright blue, crystalline crusts and small crystals covering two sides of platy white Barytes veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £7.00.
62. MAGNETITE. Nordmark, Wermland, Sweden. Specimen A - Select, sharp, lustrous black octahedral crystals to 5 mm. in size, richly scattered and intergrown on massive Magnetite with minor crystallised Pyrites and a little Fluorite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £7.00; Specimen B - Select, sharp, well formed single octahedral crystals with a slight brownish coating. Each approx. 7x7 mm. 40p. each.
63. MALACHITE. Laurium, Attica District, Greece. Bright green, needly crystals mostly around 3 - 4 mm. in length, richly scattered in and lining numerous cavities in cellular brown Limonitic Gossan.  $2\frac{1}{2} \times 2$ ". £4.50.
64. MARCASITE. Joplin, Missouri, U.S.A. Choice, sharp, bright light brassy axe-like crystals mostly around  $\frac{1}{4}$ " in size, thickly intergrown and encrusting a light coloured matrix with very minor Calcite in association.  $4 \times 2\frac{1}{2}$ ". £8.00.
65. MARCASITE. Wheel Jane, Kea, Cornwall. Unusual small sparkling crystals with an attractive iridescent tarnish covering massive Marcasite showing a slight stalactitic structure on white vein Quartz.  $2 \times 2 \times 1$ ". £2.50.
66. MENDIPITE. Mendip Hills, Somerset. Specimen A - Choice, light creamy pink, lustrous fibrous crystalline mass  $\frac{1}{2} \times \frac{1}{2}$ " embedded in white Calcite matrix with minor Hydrocerussite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £11.00; Specimen B - Select fibrous light pinkish crystalline mass  $\frac{1}{2} \times \frac{1}{2}$ " embedded in white Calcite with much greyish Pyrolusite in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £6.50.
67. MIMETITE. Tsumeb, Otavi, S.W. Africa. Lustrous, light yellowish, sharp elongated crystals mostly around  $\frac{1}{4}$ " in length, richly scattered over creamy crystalline Dolomite covering matrix, with odd specks of light greenish Malachite.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £6.50.
68. PENTLANDITE. Lillehammar, Opland, Norway. Rich, bronzey, metallic mass with very minor brassy Chalcopyrite in association.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.25.



69. PEROVSKITE. Val Malenco, Dondrio, Italy. A choice, light brown, sharp well formed crystal  $\frac{1}{4} \times \frac{1}{4}$ " in size, implanted on matrix with minor green Chlorite and cleavages of Calcite.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £5.50.
70. PHOSPHURANWLITE. Mine La Faye, Grury, Saone et Loire, France. Bright, canary yellow, rich crusts covering altered Granite matrix with odd small crystals of Torbernite on most specimens. Specimens each approx. 1x1". 80p. each.
71. PLATTNERITE. Mina Ojuela, Mapimi, Durango, Mexico. Sparkling, blackish, small sharp crystals richly encrusting ball-like masses of small sharp Hemimorphite crystals scattered over cellular Limonitic matrix with odd platy crystals of Calcite and dark greenish 'balls' of ROSASITE.  $3 \times 2\frac{1}{2} \times 1$ ". £6.50.
72. PSEUDOMALACHITE. Coombling Park Copper Mine, Nr. Carcoar, N.S.Wales, Australia. Rich, deep green, mamillary crust covering dark Quartzose Limonitic Gossan.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £3.50.
73. PYROMORPHITE. Sclora, Mexico. Choice, lustrous, light green, sharp elongated tapering hexagonal crystals to 5mm. in length, thickly encrusting and free standing on cellular light brown Limonitic Gossan.  $3 \times 2\frac{1}{2} \times 1$ ". £23.00.
74. PYROMORPHITE. Wheal Helston, Breage, Cornwall. Small, light green, sharp crystals richly scattered over both sides of cellular brown Limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.25.
75. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Well formed, bronzey metallic, hexagonal crystals to 1" in diameter, forming an intergrown group with very minor Calcite in association.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £4.50.
76. QUARTZ. Kassandra Mine, Chalkidiki, Greece. Choice, translucent, milky elongated terminated hexagonal crystals to  $\frac{3}{4}$ " in length, completely encrusting a dome shaped matrix with a large bright, silvery, sharp TETRAHEDRITE crystal 1 cm. in size, and several smaller Tetrahedrite crystals with minor Pyrites and Rhodochrosite, on one end of the sample.  $3\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £8.00.
77. QUARTZ. Coonabarabran, N.W. Wales, Australia. Unusual, radiated, clusters of small sparkling crystals richly scattered over and intergrown mass of bladed crystallised salmon pink STILBITE. Individual clusters of Quartz attain 8 mm. in size.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
78. QUARTZ variety 'DABEL QUARTZ'. South Wheal Tamar, Bere Alston, Devon. Peculiar stepped crystal masses protruding from flat cubic casts, probably of Fluorite which has been leached away, with the reverse of the specimen encrusted with sharp milky Quartz crystals mostly around  $\frac{1}{4}$ " in size.  $2\frac{1}{2} \times 2 \times 1$ ". £3.50.
79. RENIERITE. Prince Leopold Mine, Kipushi, Katanga, Zaire. Rich, pinkish metallic masses associated with minor Bornite and Chalcopyrite. Specimen A-  $2 \times 1\frac{1}{2}$ ". £3.25; Specimen B -  $1\frac{1}{2} \times 1$ ". £2.25.
80. RHODONITE. Broken Hill, N.S. Wales, Australia. Select, translucent, raspberry red, crude single tabular crystal with minor bright metallic Galena attached.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £2.50.
81. RUTILE. Governador, Valadas, Minas Gerais, Brazil. Fine, bright golden, radiated needle crystals to  $\frac{3}{4}$ " in length, enclosed in a flattened transparent portion of a large Quartz crystal with minor plates of blackish Hematite attached.  $2 \times 1\frac{1}{2} \times \frac{1}{4}$ ". £2.50.
82. SAFFLORITE. Schneeberg, Saxony, Germany. Pure, light silvery, metallic mass with a slightly radiated fibrous structure in places, with thin crusts of pale green Annabergite on one side.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £5.50.
83. SCHEELITE. Choon Su, Chungchongpukdo Province, Korea. A select, large, sharp light brown single octahedral crystal with a flat base. Crystals of this size are rather rare.  $1\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £22.00.



84. SCHOLZITE. Reaphook Hill, Flinders Range, S. Australia. Very choice, lustrous, snow-white transparent elongated terminated needle crystals mostly around 1 cm. in length, thickly projecting into a  $1\frac{1}{2} \times 1\frac{1}{2}$ " cavity in light brown Limonitic Gossan. Very fine example of this rare Zinc mineral.  $3 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £18.00.
85. SIDERITE. Wheal Jane, Kea, Cornwall. Light creamy brown well formed lenticular crystals to 8 mm. in size, thickly intergrown and covering most of a crystallised Quartz matrix, with odd sharp, brassy cubic Pyrites crystals to  $\frac{1}{4}$ " in size, dotted on the Siderite.  $3 \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.
86. SIDERITE. Tincroft Mine, Illogan, Cornwall. Select, brownish, sharp, complex crystals to  $\frac{1}{4}$ " in size, intergrown and scattered on two sides of cellular Quartz/Hematite veinstuff, with the cavities lined with drusy Quartz crystals.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.50.
87. SIDERITE. Morro Velho Goldmine, Ouro Preto, Minas Gerais, Brazil. Specimen A - Choice, translucent bright light brown sharp lenticular crystals to 15 mm. in size, richly scattered and free standing on matrix, with translucent creamy crystals of Calcite to  $\frac{1}{4}$ " in size and numerous small sharp brassy hexagonal Pyrrhotite crystals scattered over the entire specimen.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1$ ". £5.50; Specimen B - Select large translucent lustrous light brown lenticular crystals to 1" in size, forming an intergrown group with creamy crystals of Calcite, a  $\frac{1}{2}$ " transparent terminated Quartz crystal, and with odd brassy hexagonal small crystals of Pyrrhotite dotted on the specimen.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.25.
88. NATIVE SILVER. Echo Bay Mine, Great Bear Lake, N.W. Terr. Canada. Very choice, bright silvery metallic ramifying thick sheet with minor fragments of matrix attached. Select specimen for cabinet display.  $4\frac{1}{2} \times 3\frac{1}{2} \times 1$ ". £38.00.
89. SPHALERITE. Wheal Jane, Kea, Cornwall. Specimen A - Choice, lustrous black, sharp, composite crystals to 1 cm. in size, richly intergrown with sharp transparent elongated terminated Quartz crystals mostly around  $\frac{1}{2}$ " in length, and odd small brassy cubic crystals of Pyrites, all encrusting a plate of milky vein Quartz.  $3\frac{1}{2} \times 3 \times 1\frac{1}{4}$ ". £6.50; Specimen B - Lustrous black, sharp, crystals mostly around 3 - 4 mm. in size, richly encrusting a crystalline mass of light brassy Pyrites.  $3\frac{1}{2} \times 2 \times 1$ ". £3.25; Specimen C - Select, large, sharp lustrous black crystals to  $\frac{1}{2}$ " in size, implanted and intergrown on Sphalerite rich matrix with small sharp silvery crystals of Arsenopyrite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £2.75.
90. SPHALERITE variety "RUBY GLENDE". Halkyn Mine, Holywell, Flintshire. Translucent dark orangey small well formed crystals scattered on and encrusting Limestone matrix with minor Drusy Quartz.  $1 \times 1$ ". £1.25.
91. STANNITE. Mulberry Mine, Lanivet, Cornwall. Rich, tarnished, metallic masses intergrown with milky Quartz and minor brassy Chalcopyrite.  $2 \times 2 \times 1\frac{1}{4}$ ". £2.25.
92. STILOITE. Poona, India. Choice, very lustrous, translucent, light pinkish large crystal sheaf 2 by  $1\frac{1}{2} \times 1\frac{1}{2}$ " with another large sheaf attached at right angles. Select specimen for display.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". £9.00.
93. STRONTIANITE. Whitesmith Mine, Strontian, Argyllshire, Scotland. Very rich lime green lustrous slightly fibrous crystalline mass with white Barytes in association. Select specimen from the type location.  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £6.50.
94. TENORITE. Copper Queen Mine, Bisbee, Cochise Co., Arizona, U.S.A. Select, pitchy black lustrous mass, surrounding a core of deep reddish Cuprite, with the Tenorite showing an alteration ring of light green Malachite.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
95. METALLIC TIN. Mellanear Smelting Works, Hayle, Cornwall. Bright, silvery, flat ingot smelted from Cornish Tin Ore by the Harvey Co. during the latter part of the last century. The bar has an 'H' stamped in one corner.  $2\frac{1}{2} \times 1$ ". £4.50.



96. TOPAZ. Diamond Rocks, Mourne Mts., Co. Down, N. Ireland. A sharp terminated transparent colourless crystal 4 mm. in size, implanted in a cavity with smoky Quartz, Orthoclase and Albite in microlitic Granite.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £2.50.
97. TOURMALINE variety DRAVITE. Vinnietarra, W. Australia. Choice, sharp, lustrous, doubly terminated dark brown single crystals with very minor mica schist attached in places. Specimen A - An exceptionally large crystal -  $3\frac{1}{4}$ " long  $\times 3\frac{1}{4} \times 3$ " across the axis. £11.00; Specimen B -  $3\frac{1}{2}$ " long  $\times 2\frac{1}{2} \times 2$ " across the axis; £8.00; Specimen C -  $2\frac{1}{4}$ " long  $\times 2 \times 2$ " across the axis. £4.50; Specimen D - 2" long  $\times 1\frac{1}{2} \times 1\frac{1}{2}$ " across the axis. £2.75; Specimen E -  $1\frac{1}{2}$ " long  $\times 1\frac{1}{4} \times 1\frac{1}{4}$ " across the axis. £1.50.
98. VANADINITE. San Carlos, Chihuahua, Mexico. Choice, lustrous, light orangey skeletal sharp hexagonal crystals to 1 cm. in size, richly scattered and free standing on intergrown creamy Calcite crystals covering a slightly cellular Calcite matrix, with odd lustrous Vanadinite crystals scattered in cavities.  $4\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{4}$ ". £14.00.
99. VIVIANITE. Owen Falls, N.S. Wales, Australia. A pure, deep indigo blue, intergrown mass of tabular terminated crystals with cavities lined with sharp crystals to 1 cm. in size,  $2 \times 2 \times 1\frac{1}{2}$ ". £8.00.
100. WIIKITE. Lake Ladoga, Impilaks, Finland. Pure, dark brown, lustrous, mass with minor Muscovite mica attached on one side.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1$ ". £3.25.
101. WILLEMITE. Tsumeb, Otavi, S.W. Africa. Select, translucent sharp crystals to 4 mm. in size, richly lining cavities in cellular crystalline Willemite.  $2 \times 1 \times 1$ ". £4.50.
102. WITHERITE. Fallowfield Mine, Nr. Hexham, Northumberland. Choice, translucent, slightly creamy coloured, sharp pseudo-hexagonal crystals to 1 cm. in size, thickly intergrown and encrusting both sides of Witherite/Limestone vein stuff.  $4\frac{1}{2} \times 3 \times 2$ ". £14.00.
103. WOLFRAMITE. Panasqueira, Beira-Beira, Portugal. A superb, bright black, striated sharp doubly terminated large tabular single crystal showing parallel growth on one of the faces, and with no matrix attached. Excellent specimen for museum or cabinet display.  $4\frac{1}{2}$ " long  $\times 2 \times 1\frac{1}{4}$ " across the axis. £110.00.
104. WOLFRAMITE. No.3 Level, Cligga Mine, Perranzabuloe, Cornwall. Rich, bright black, bladed masses intergrown with milky Quartz with odd areas encrusted with small sharp pale green SCORODITE crystals.  $3 \times 2 \times 1\frac{1}{4}$ ". £3.50.
105. WULFENITE. Helena Mine, Schwartzbach, Carinthia, Austria. Lustrous, light orangey sharp tabular crystals mostly around  $\frac{1}{4}$ " in size, scattered and free standing on small white crystals covering altered Limestone matrix. Interesting old specimen from the type location.  $2\frac{1}{2} \times 2 \times 1$ ". £11.00.
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RICHARD W. BARSTOW  
26, Tregeseal, St. Just,  
Near Penzance, Cornwall, England.

TEL. NO.: St. Just 880  
(STD 073 677)

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 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 1976

1. ALMANDINE. Falun, Sweden. A select well formed sharp deep reddish single crystal.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
2. APATITE. Panasqueira, Beira-Beixa, Portugal. Choice, sharp, lustrous translucent sea-green coloured crystals to  $\frac{3}{4}$ " in size, associated with sharp, silvery terminated ARSENOPYRITE crystals to 1" in size, and several free-standing clear elongated QUARTZ crystals, the longest being 2" in length. Very attractive combination of minerals, the specimen being choice for display.  $3 \times 2 \times 2$ ". £4.00.
3. APATITE. Longdowns, Carnmenellis, Cornwall. A well formed mostly transparent pale bluish crystal, 7 mm. in size, implanted in a cavity with a little crystallised Muscovite in Pegmatite matrix.  $1\frac{1}{2} \times 1$ ". £1.25.
4. ARAGONITE. Rosiclare, Hardin Co., Illinois, U.S.A. Fine, tapering, creamy coloured sharp crystals to  $1\frac{1}{2}$ " in length, free standing and intergrown on a matrix of intergrown light yellowish Fluorite crystals. Nice specimen for display.  $4\frac{1}{2} \times 4 \times 2\frac{1}{2}$ ". £17.00.
5. ATACAMITE. Copiapo, Atacama District, Chile. Specimen A - Bright, deep green, radiated sprays of needle crystals thickly scattered over and encrusting large areas on massive lustrous turquoise blue CHRYSOCOLLA on altered Porphyry matrix. Spectacular and colourful specimen for display.  $8 \times 4 \times 3\frac{1}{2}$ ". £28.00; Specimen B - Choice, bright green, needle crystals thickly aggregated in areas on matrix with a little turquoise blue Chrysocolla, and with the reverse of the specimen showing odd sharp isolated crystals of Atacamite together with small sprays of needle OLIVENITE crystals.  $4 \times 4 \times 1$ ". £13.00; Specimen C - Select bright green, slightly flattened radiated crystals completely encrusting both sides of matrix.  $3 \times 3 \times 1\frac{1}{2}$ ". £8.00. These specimens are from a new find in this famous old mining district.
6. AUTUNITE. Bessines, Haute-Vienne, France. Rich, yellowish, crystals and crystal masses, thickly encrusting and lining cavities in altered Granitic matrix. Bright fluorescence under u.v. light.  $2\frac{1}{4} \times 2 \times 1\frac{1}{2}$ ". £3.50.
7. AZURITE. Tsumeb, Otavi, S.W. Africa. A fine, deep blue, sharp, perfectly formed elongated terminated single crystal.  $1\frac{1}{4}$ " long  $\times$   $\frac{1}{2}$ " across the axis. £13.00.
8. AZURITE. Tomsk, Siberia, U.S.S.R. Select, bright blue, crystalline "balls" to 1 cm. in size, intergrown on massive light green MALACHITE.  $1\frac{1}{4} \times 1 \times \frac{1}{2}$ ". £3.25.



9. BARYTES. Silverband Mine, Dun Fell, Westmoreland. A single glassy transparent well formed terminated tabular crystal.  $1\frac{1}{2} \times 1$ ". £2.25.
10. BERYL variety EMERALD. Muso, Nr. Bogota, Colombia. Specimen A - Very choice, translucent, emerald green 'gemmy' hexagonal crystals and crystal sections to 1" in length, intergrown and scattered flat on a  $3\frac{1}{2} \times 1\frac{1}{2}$ " area on a blackish Shale matrix, with much creamy crystalline calcite in association and odd small crystals of Iron Pyrites. One side of the specimen has been sawn flat so that the sample displays to best advantage.  $5\frac{1}{2} \times 3\frac{3}{4} \times 2$ ". £185.00; Specimen B - Light emerald green translucent hexagonal crystals and crystal sections to  $\frac{1}{2}$ " in length, intergrown and lying flat on a  $1 \times 1$ " area on matrix, with a little Calcite and Iron Pyrites in association.  $2 \times 1\frac{1}{2} \times 1$ ". £24.00.
11. BISMUTHINITE. Shap Quarry, Shap, Westmoreland. Select, silvery gray, bladed crystal-mass, 1" in length associated with Pyrites and Quartz on pinkish Granite.  $1\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.50.
12. BORNITE. Dolcoath Mine, Camborne Cornwall. A pure, purple, tarnished metallic mass with minor spots of golden Chalcopryite in association. The specimen was collected early last century from the higher workings of the Mine.  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.50.
13. BOTALLACKITE. Levant Mine, Pendeen, Cornwall. Select, lustrous, light green, bladed crystals richly scattered over areas on hematized killas wallrock.  $3 \times 2 \times 1\frac{1}{2}$ ". £8.00.
14. BOURNONITE. Herodsfoot Mine, Lanreath, Cornwall. Metallic grey slightly tarnished tabular crystal sections to  $\frac{1}{2}$ " in size, intergrown and scattered on matrix, with minor golden crystallised Pyrites and a little Quartz in association.  $2 \times 1\frac{1}{2}$ ". £3.50.
15. BROCHANTITE. Blanchard Claims, Bingham, New Mexico, U.S.A. Light green, silky, needle crystals encrusting areas and lining cavities in tabular creamy crystalline Barytes.  $2\frac{1}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £3.25.
16. CALCITE. Herodsfoot Mine, Lanreath, Cornwall. Choice, lustrous, creamy, stepped 'nail head' crystals, mostly around  $\frac{1}{4}$ " in size, thickly scattered over and intergrown on translucent lustrous pyramidal Quartz crystals covering Quartzose veinstuff, showing a little Galena and massive bladed Bournonite. Attractive specimen for display.  $6 \times 4 \times 2\frac{1}{2}$ ". £16.50.
17. CALCITE. Naica, Chihuahua, Mexico. Two large, slightly pinkish, intergrown sharp rhombic crystals each approx.  $2 \times 1\frac{1}{2}$ " in size, with numerous small, sharp, transparent colourless to pale bluish BARYTES crystals scattered over them, together with two transparent colourless etched cubic FLUORITE crystals  $\frac{1}{2}$ " in size, one perched on each of the Calcite crystals.  $4 \times 3 \times 2$ ". £13.00.
18. CALCITE. Kapnik, Rumania. Select, lustrous, creamy white clusters of intergrown crystals to  $1\frac{1}{4}$ " in size, scattered and intergrown on matrix and associated with areas of sharp black Sphalerite crystals, odd sharp complex light brassy Pyrites crystals, odd brassy sphenoidal crystals of Chalcopryite, light brown drusy crystallised Siderite and odd small, elongated, milky Quartz crystals. The specimen is very attractive for display and shows an interesting combination of minerals.  $8 \times 4 \times 2$ ". £33.00.
19. CALEDONITE. Hard Luck Claim, Nr. Baker, California, U.S.A. Specimen A - Small, sharp, light bluish well formed crystals scattered in cavities with bright blue LINARITE crystals and odd creamy crystalline plates of Leadhillite in altered veinstuff.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £7.00; Specimen B - Flattened, light blue, crystalline masses covering areas on altered matrix.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1$ ". £3.25.
20. CASSITERITE. Poldice Mine, Ewennap, Cornwall. Lustrous, blackish brown, sharp, twinned crystals to 4 mm. in size, encrusting large areas on altered Slate matrix with a little globular Chlorite in association.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £6.50.
21. CASSITERITE. Conqueror Branches, Great Wheal Fortune, Breage, Cornwall. Bright, blackish brown, very sharp, twinned crystals to 4 mm. in size, dotted over iron stained altered killas with small milky Quartz crystals and a little Gilbertite Mica in association.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £4.50.



22. CERUSSITE. Broken Hill, N.S. Wales, Australia. Select, lustrous, creamy slightly reticulated tabular twinned crystals forming an intergrown group with minor light brown cellular Limonite attached. Specimen was collected from the early rich opencast workings of the mine early this century.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £13.00.
23. CHABAZITE variety PHACOLITE. Osilo, Sassari, Sardinia. Pale orangey sharp crystals to 4 mm. in size, dotted on drusy crystalised Calcite lining a 1" cavity in Basalt.  $2\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". £2.25.
24. CHALCEDONY. Trevaskes Mine, Gwinnar, Cornwall. Choice, ramifying, tubose, botryoidal translucent light toffee coloured mass. Some of the tubes diverge from the matrix and rejoin it, rather like the roots of a tree. Interesting and unusual specimen.  $5 \times 4 \times 1\frac{1}{4}$ ". £11.00.
25. CHALCOPYRITE. Casapalca, Junin, Peru. Large, bright, brassy, sharp twinned crystals to  $\frac{1}{2}$ " in size, associated with large bright blackish SPHALERITE crystals to  $\frac{1}{2}$ " in size, and numerous free standing elongated terminated milky QUARTZ crystals to  $\frac{1}{4}$ " in length, all completely encrusting a sulphidic matrix. Attractive specimen for display.  $4\frac{3}{4} \times 3 \times 2\frac{1}{4}$ ". £28.00.
26. CHALCOPYRITE. Naica, Chihuahua, Mexico. Bright, brassy, twinned crystals to 1 cm. in size, scattered on and associated with numerous small bright Pyrites crystals and odd clusters of small lustrous spiky creamy Calcite crystals, all encrusting a Galena rich matrix.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". £5.50.
27. CHALCOPYRITE. Wheal Primrose, St. Agnes, Cornwall. A sharp, brassy, sphenoidal crystal 9 mm. in size, associated with numerous well formed elongated milky Quartz crystals covering Quartz/Chalcopyrite vein stuff.  $3 \times 1\frac{1}{2} \times 1$ ". £2.75.
28. CHALCOPYRITE variety "BLISTER COPPER". South Carn Brea Mine, Illogan, Cornwall. Light brassy botryoidal masses covering cellular Chalcopyrite/Quartz lode material.  $4 \times 3 \times 1\frac{1}{2}$ ". £4.50.
29. CHALCOPYRITE variety "PEACOCK COPPER". New Mexico, U.S.A. Select, brightly iridescent tarnished pure masses. Very attractive and colourful specimens which are ideal for unusual Christmas gifts. Specimen A -  $3 \times 2 \times 1\frac{1}{4}$ ". £2.25; Specimen B -  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ". £1.75; Specimen C -  $2 \times 1\frac{1}{2} \times 1$ ". £1.25; Specimen D -  $1\frac{1}{2} \times 1\frac{1}{4}$ ". 60p.
30. CHALCOSTIBITE. Sidi-Betache, Near Rommani, Morocco. A  $\frac{1}{2}$ " greyish metallic bladed mass showing alteration rind of light blue Azurite embedded in Dolomite matrix.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £2.25.
31. COBALTITE. Schneeberg, Saxony, Germany. Pure, solid, slightly crystalline, tin-white mass with thin crusts of pinkish Erythrite in places.  $1\frac{1}{2} \times 1 \times 1$ ". £2.25.
32. COLUMBITES. Keystone, Pennington Co., South Dakota, U.S.A. A single flattened large, lustrous black, tabular crystal showing some good faces.  $2 \times 1\frac{1}{2} \times \frac{1}{2}$ ". £2.25.
33. NATIVE COPPER. Poldory Mine, Guennap, Cornwall. Select, flat, mass of intergrown small sharp coppery coloured tarnished crystals with odd fragments of Quartz vein-stone attached.  $3 \times 2$ ". £6.50.
34. CORNETITE. Swana Mkubwa Mine, Ndola, Zambia. Small, sparkling, light blue crystals thickly lining a 2x1" cavity in Malachite rich matrix, with several smaller cavities also lined with Cornetite crystals.  $4 \times 2\frac{1}{4} \times 1$ ". £16.50.
35. CROCOITE. Adelaide Mine, Dundas, Tasmania, Australia. Very choice, bright orangey red 'Jack straw' crystals mostly around  $\frac{1}{2}$ " in length, thickly intergrown and covering a 4x2" area on matrix. Colourful and very rich specimen of this mineral which is ideal for display purposes.  $6\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{4}$ ". £65.00.
36. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. A cellular mass of intergrown small bright deep reddish sharp octahedral crystals with minor bright crystalised NATIVE COPPER and odd fragments of Quartz in association.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £11.00.



37. CUPRITE. Wheal Basset, Illogan, Cornwall. Deep reddish masses showing a slight alteration to greenish Malachite around their edges, richly covering altered Granite matrix.  $3 \times 2\frac{1}{2}$ ". £1.50.
38. CUPRITE. Bisbee, Cochise Co., Arizona, U.S.A. Pure, lustrous, deep reddish mass with numerous small cavities lined with silky light green fibrous Malachite.  $2 \times 1\frac{1}{2} \times \frac{1}{4}$ ". £2.50.
39. CYLINDRITE. Poopo, Oruro, Bolivia. A pure, bright silvery grey, cylindrical crystallised mass showing the structure so typical of this mineral.  $1\frac{1}{2} \times 1$ ". £13.00.
40. DIAMOND. Kimberley, Griqualand-West, S. Africa. Specimen A - A single, well formed cloudy pale yellowish octahedral crystal 5 mm. in size, £11.00; Specimen B - A single complex translucent glassy crystal with curved faces 6 mm. in size, £11.00; Specimen C - A single cloudy pale yellowish octahedral crystal showing some twinning, 4 mm. in size, £4.50; Specimen D - A single, distorted cloudy pale yellow octahedral crystal showing interesting growth features, 4 mm. in size, £3.25.
41. DIOPSIDE. Val d'Ala, Piedmont, Italy. A single translucent pale greenish, sharp, terminated elongated crystal showing parallel growth 17 mm. long x 8 mm. across the axis. £1.50.
42. DIOPTASE. Mindouli, Niari River, Zaïre. Specimen A - Very bright, emerald green sharp translucent crystals to  $\frac{1}{4}$ " in size, thickly lining a  $2 \times 1\frac{1}{2}$ " cavity, in massive crystalline Diopside with minor pale bluish Planchette in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £28.00; Specimen B - Choice, bright emerald green, translucent crystals to 8 mm. in size, thickly encrusting a matrix of pale blue massive Planchette.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £16.50; Specimen C - Bright, translucent sharp, emerald green crystals to  $\frac{1}{4}$ " in size, thickly lining a  $1\frac{1}{2} \times \frac{1}{2}$ " cavity in crystalline Diopside.  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £13.00; Specimen D - Bright emerald green sharp crystals to  $\frac{1}{4}$ " in size, thickly encrusting massive crystalline Diopside.  $1\frac{1}{2} \times 1 \times \frac{1}{2}$ ". £6.50. All the above specimens are particularly fine pieces.
43. DOLOMITE. Treece, Kansas, U.S.A. Select, lustrous, light pink, curved rhombic crystals to 1 cm. in size, completely encrusting matrix with odd small bright brassy Chalcocopyrite crystals scattered on them. Specimen A -  $4 \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50; Specimen B -  $2\frac{1}{2} \times 2 \times 1$ ". £2.75; Specimen C -  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.25.
44. DOLOMITE. Eugi, Navarro, Spain. A select group of three sharp completely transparent intergrown rhombic crystals, the largest having faces of over 1" in size. Overall size  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £8.50.
45. ENARGITE. Chuquicamata, Antofagasta, Chile. Rich, metallic grey, crystalline mass with minor bright greenish Chrysocolla in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.25.
46. FLUORITE. Naica, Chihuahua, Mexico. Specimen A - A plate composed of translucent dark lime green well formed large octahedral crystals to  $\frac{1}{4}$ " in size, intergrown on both sides, with small lustrous creamy 'nail head' Calcite crystals scattered over one side of the specimen.  $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00; Specimen B - Unusual, transparent, pale lime green stepped cubic crystals to  $\frac{1}{4}$ " in size, implanted on Galena rich matrix, with minor drusy Calcite in association.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50; Specimen C - A group of silky slightly etched intergrown translucent lime green octahedral crystals to  $\frac{1}{4}$ " on face edge, with odd clusters of creamy 'nail head' Calcite crystals in association.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25.
47. FLUORITE. Allenheads Mine, Allenheads, Northumberland. A choice, 'pipe like' mass of intergrown sharp transparent pale greenish cubic crystals to 1 cm. in size, associated with lustrous black SPHALERITE crystals, and with an encrustation of pale creamy Siderite crystals on one side.  $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £8.00.
48. GADOLINITE. Hitero, Väst-Agder, Norway. Pure, lustrous black, pitchy mass, showing conchoidal fracture.  $3 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.



49. GALENA. Naica, Chihuahua, Mexico. Specimen A - Choice, very bright, sharp complex crystals to 1 cm. in size, thickly scattered on and lining cavities in a cellular matrix with small brassy crystals of Pyrites and odd sprays of spiky creamy Calcite crystals in association.  $3 \times 2\frac{1}{2} \times 2$ ". £9.00; Specimen B - Sharp, bright, silvery grey, modified cube-octahedral crystals  $\frac{1}{4}$  to  $\frac{1}{2}$ " in size, attractively dotted on a portion of a large rhombic creamy Calcite crystal with face edges of 2", with numerous bright brassy twinned CHALCOPYRITE crystals to  $\frac{1}{4}$ " in size, in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £6.50; Specimen C - Bright, silvery grey, complex twinned crystals to  $\frac{1}{4}$ " in size, richly scattered over both sides of a cellular matrix with numerous small, bright, brassy, Pyrites crystals, a little etched Fluorite and a  $\frac{1}{2}$ " tabular terminated transparent Barytes crystal in association.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
50. GOETHITE variety "WOOD IRON". Botallack Mine, St. Just, Cornwall. An interesting mass composed of numerous stalactites of Goethite having a lustrous blackish mammillary exterior and exhibiting a radiated internal structure where broken.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £6.50.
51. GOETHITE variety "Wood Iron". Restormel Royal Iron Mine, Lostwithiel, Cornwall. Rich, light brownish, well banded veinlets and masses associated with minor fragments of milky Quartz.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £1.25.
52. GYPSUM variety SELENITE. Mapimi, Durango, Mexico. A select group of large transparent well formed terminated intergrown crystals, the largest being 2" in size. Nice specimen for display.  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". £4.75.
53. HASTINGSITE. Haytor Iron Mine, Dartmoor, Devon. Rich, light greenish brown, fibrous crystalline mass with numerous small sharp black octahedral crystals of Magnetite.  $3 \times 2 \times 1\frac{1}{4}$ ". £2.25.
54. HORNBLENDE. Arendal- Aust-Agder District, Norway. Well formed terminated lustrous black crystals to  $\frac{1}{2}$ " in length, free standing on and embedded in creamy Calcite/Hornblende matrix.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
55. IDOGRASE. Lake Jace, Chihuahua, Mexico. A group of several very large dark yellowish lustrous chunky crystals, the largest having faces  $1\frac{1}{4}$ " in size, there are several translucent creamy coloured sharp crystals of Grossular Garnet mostly around  $\frac{1}{4}$ " in size, intergrown along one side of the specimen.  $3 \times 2 \times 1\frac{1}{2}$ ". £6.50.
56. IODYRITE. Broken Hill, N.S. Wales, Australia. Rich, pale yellowish crystalline masses to  $\frac{1}{2}$ " in size, scattered on dense slightly cellular limonitic matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £11.00.
57. JAMESONITE. Treore Mine, Nr. Port Isaac, Cornwall. Very rich, fibrous, silvery grey metallic mass with brownish-creamy crystalline Ankerite in association.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.25.
58. KYANITE. Pizzo Forno, Tucino, Switzerland. Choice, mostly transparent, light blue sharp bladed crystals  $2\frac{1}{2}$ " in length partially embedded in Paragonite Schist. Select old time specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{2}$ ". £8.00.
59. LAVA variety "PELE's HAIR". Kilauea, Hawaii. Fine, hair-like, felty masses in an old glass tube. £3.25.
60. LAZULITE. Big Fish River, Yukon Terr., Canada. Select, bright, inky blue sharp crystals to 1 cm. in size, thickly intergrown on matrix. Very choice, high quality example of this mineral.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £44.00.
61. LINARITE. Redgill Mine, Caldbeck, Cumberland. Small bright blue, crystals and crystalline masses scattered on cellular Quartz with odd creamy plates of LEADHILLITE.  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £3.25.
62. MALACHITE. Rum Jungle, N. Terr., Australia. Specimen A - Choice, bright green, thick, botryoidal masses completely covering a cellular matrix. Showy specimen for display.  $4 \times 3\frac{1}{2} \times 1\frac{1}{2}$ ". £18.00; Specimen B - Deep green silky botryoidal mass with minor crystallised Cerussite in association.  $2\frac{1}{2} \times 2$ ". £4.50.



63. MANGANOALCITE. Broken Hill, N.S. Wales, Australia. Well formed elongated terminated palish pink hexagonal crystals with a slight brownish coating, to  $\frac{1}{2}$ " in length, thickly scattered over matrix.  $3\frac{1}{4} \times 2\frac{1}{4}$ ". £2.50.
64. NICKEL-IRON METEORITE. Henbury Crater, N. Terr., Australia. Select, irregular, metallic nuggetty masses. Each approx. 1" in size. £4.50 each.
65. MIMETITE. Driggeth Mine, Caldbeck, Cumberland. Specimen A - Rich, light green, sharp curved crystals mostly around 2 - 3 mm. in size, thickly encrusting the surface and sides of cellular Quartz veinstuff.  $3\frac{1}{2} \times 3 \times 2$ ". £4.50; Specimen B - Select light green curved crystals to 4 mm. in size, richly covering areas on cellular Quartz.  $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £3.25; Specimen C - Light green sharp curved crystals mostly around 2 - 3 mm. in size, thickly covering cellular Quartz.  $1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.50.
66. MOLYBDENITE. Mount Sorrell, Leicestershire. Bright metallic grey platy masses aggregated on fine grained pinkish granite with minor milky Quartz.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1$ ". £2.25.
67. NAGYAGITE. Nagyag, Transylvania, Rumania. Greyish, platy crystalline masses on and in light pink crystalline Rhodochrosite.  $\frac{3}{4} \times \frac{1}{2}$ ". £3.25.
68. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Sharp, bright, olive green terminated crystals mostly around 2 - 3 mm. in size, richly scattered on cellular Quartzose Gossan with a little blackish Psilomelane.  $2 \times 1\frac{1}{2} \times \frac{1}{4}$ ". £2.75.
69. PHARMACOSIDERITE. Wheal Pendarves, Camborne, Cornwall. Rich, crusts of sparkling pale brown to olive green micro crystals thickly lining cavities in cellular Limonitic Gossan, with minor silvery Arsenopyrite in association. Specimen A -  $2\frac{1}{4} \times 2 \times 1\frac{1}{4}$ ". £6.50; Specimen B -  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £3.25.
70. PHLOGOPITE. Wilberforce, Ontario, Canada. Well formed shining light brown hexagonal crystal books to  $\frac{1}{2}$ " in size, richly scattered on and in cleaved creamy Calcite.  $2\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.25.
71. PROUSTITE. Joachimsthal, Bohemia, C.S.S.R. Small, sharp, bright ruby red crystals and crystal sections richly scattered in cavities in solid greyish NATIVE ARSENIC.  $2\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £9.00.
72. PYRITES. Govorrano Mine, Tuscany, Italy. Specimen A - Very choice, large, sharp, bright golden cubic crystals to over an inch on face edge attractively intergrown and free standing on massive Pyrites.  $4\frac{1}{4} \times 3\frac{1}{4} \times 2\frac{1}{2}$ ". £38.00; Specimen B - Choice, bright, golden sharp crystals to  $\frac{1}{2}$ " in size, intergrown on massive Pyrites, with the large crystals being in the centre of the specimen.  $3\frac{3}{4} \times 2\frac{1}{4} \times 2\frac{1}{4}$ ". £24.00. Both specimens are excellent for display and are virtually undamaged.
73. PYROMORPHITE. Plynlimon, Cardiganshire. Specimen A - Choice, lustrous, light green, tapering hexagonal crystals to  $\frac{1}{4}$ " in size, thickly encrusting and free standing on milky Quartz veinstuff.  $5 \times 4 \times 1\frac{1}{2}$ ". £23.00; Specimen B - Fine, light green, needly tapering crystals richly encrusting large areas on drusy crystallised Quartz covering matrix.  $3\frac{3}{4} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ". £8.00; Specimen C - As Specimen B - with the specimen completely covered in Pyromorphite -  $3\frac{1}{4} \times 2\frac{1}{4}$ ". £4.50; Specimen D - Lustrous light green elongated needly crystals to 5 mm. in length, richly scattered on drusy crystallised Quartz.  $2 \times 1\frac{1}{2}$ ". £2.75; Specimen E - As Specimen D -  $1 \times 1$ ". £1.25.
74. PYROXENE. Wilberforce, Ontario, Canada. Select sharp terminated dark olive green elongated tabular crystals to  $\frac{1}{4}$ " in length forming an intergrown group with a  $\frac{1}{2}$ " deep brown hexagonal crystal of Phlogopite.  $1\frac{1}{2} \times 1 \times 1$ ". £3.50.
75. QUARTZ. Wheal Jane, Kea, Cornwall. Choice, elongated, slightly greenish terminated, mostly clear hexagonal crystals to  $\frac{1}{4}$ " in length, free standing on and completely covering Quartzose matrix. The sides of the crystals are encrusted with small bright brassy PYRITES crystals, leaving the terminations uncovered. Specimen A -  $4\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{2}$ ". Very choice for display. £14.00; Specimen B - As specimen A - with the crystals being mostly  $\frac{3}{4}$ " in length -  $4\frac{1}{4} \times 3\frac{1}{4} \times 2\frac{1}{2}$ ". £8.00; Specimen C - As Specimen A - with crystals to  $\frac{1}{4}$ " in length -  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75.



76. QUARTZ variety AMETHYST. Pesth, Hungary. Choice unusual clear sharp terminated hexagonal crystals with Amethystine tips free standing on matrix, with much lustrous platy creamy crystallised Calcite in association. Very attractive old specimen.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ". £23.00.
77. QUARTZ variety SMOKY. Littlejohn Claywork, Hensbarrow Moor, Cornwall. Translucent, sharp, smoky pyramidal crystals to  $\frac{1}{2}$ " in size, thickly encrusting Quartz/Granite matrix.  $3\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{1}{4}$ ". £3.25.
78. SCHEELITE. Zinnwald, Bohemia, Czechoslovakia. Sharp, doubly terminated, pale brown octahedral crystals to 4 mm. in size, scattered on milky crystalline Quartz with much well formed hexagonal crystals of ZINNWALDITE and a 1 cm. cluster of deep purple cubic Fluorite crystals in association.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1$ ". £13.00.
79. SCORODITE. Cligga Mine, Perranzabuloe, Cornwall. Bright, pale olive green small sharp crystals and crystal aggregates lining cavities in milky Quartz with odd masses of aple yellowish VARLAMOFFITE in association.  $2 \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". £2.75.
80. NATIVE SILVER. Kongsberg, Norway. A flat dark silvery sheety mass covering creamy Calcite with odd masses of pale green Fluorite.  $1\frac{3}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £6.50.
81. NATIVE SILVER. Virginia City, Nevada, U.S.A. Light silvery curls and masses scattered on Quartzose veinstuff with patches of dark greyish Argentite.  $2\frac{1}{2} \times 1\frac{3}{4} \times 1\frac{1}{4}$ ". £4.50.
82. SMITHSONITE. Farnberry Mine, Alston Moor, Cumberland. Light yellowish green silky botryoidal masses thickly lining a  $1\frac{1}{4} \times \frac{1}{4}$ " cavity in altered Limestone.  $2 \times 2 \times 1\frac{1}{4}$ ". £2.50.
83. SPECULARITE. Hailemoor Mine, Nr. Egremont, Cumberland. Unusually large bright black sharp platy crystals to  $\frac{3}{4}$ " in size thickly intergrown on Hematite matrix, with odd clear Quartz crystals in association. The reverse of the specimen shows cavities lined with small shining Specularite crystals and drusy Quartz.  $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £11.00.
84. SPHALERITE. Wheal Alfred, Phillack, Cornwall. Select, translucent to transparent sharp brownish to yellowish crystals to  $\frac{1}{4}$ " in size, richly lining a 2" druse with clear terminated Quartz crystals in Chlorite/Quartz veinstuff.  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". £8.00.
85. SPHALERITE. Naica, Chihuahua, Mexico. Bright black sharp twinned crystals to  $\frac{1}{2}$ " in size, thickly encrusting both sides of matrix with small bright brassy Pyrites crystals in association. Specimen is attractive for display and the only point of attachment is along one edge.  $3 \times 2\frac{1}{2}$ ". £8.00.
86. STRONTIANITE. Whitesmith Mine, Strontian, Argyllshire, Scotland. Rich, lime green, fibrous crystalline masses associated with creamy white Barytes. Specimen A -  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £2.75; Specimen B -  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". £1.25.
87. NATIVE SULPHUR. Agrigento, Sicily, Italy. Specimen A - Very fine transparent sharp perfectly formed doubly terminated crystals to nearly  $\frac{1}{4}$ " in size, scattered on cellular Aragonite matrix with inclusions of blackish natural mineral pitch.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £23.00; Specimen B - A  $\frac{1}{4}$ " sharp terminated transparent pale yellow crystal implanted on dark mineral pitch impregnated Aragonite matrix.  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £14.00; Specimen C - A cluster of mostly transparent bright yellow sharp crystals to  $\frac{1}{4}$ " on edge, intergrown with spiky creamy crystals of Aragonite.  $2 \times 1\frac{1}{4} \times 1$ ". £5.50. Specimens A and B are exceptionally good examples of this mineral, clear crystals being very rare.
88. TALC. Zillertal, Tyrol, Austria. Pale green soapy foliated mass with minor Schist attached.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £2.50.
89. TENNANTITE. Wheal Jewell, Gwennap, Cornwall. Bright, silvery grey, sharp crystals to 4 mm. in size, thickly lining cavities in cellular Tennantite/Chalcopryrite lode stuff.  $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £9.00.



90. TETRAHEDRITE. Kapnik, Rumania. Sharp, bright silvery grey, tetrahedral crystals to 4 mm. on face edge, scattered on milky elongated Quartz crystals covering cellular Quartz matrix with a little crystalised Sphalerite and Iron Pyrites in association. An old A.E. Foote label is attached to the specimen.  $3 \times 1\frac{1}{2} \times 1$ ". £8.00.
91. TOPAZ. San Luis Potosi, Mexico. Transparent well formed terminated colourless to pale peach coloured crystals to 5 mm. in size, scattered and aggregated on a cellular matrix.  $2 \times 1\frac{1}{2} \times \frac{3}{4}$ ". £2.75.
92. META-TORBERNITE. Mine Bois-Noir, St. Priest lè Prugne, Loire, France. Select, bright green, platy tabular crystals to  $\frac{1}{4}$ " in size, thickly encrusting and free standing on a  $3 \times 1\frac{1}{4}$ " area on iron stained Quartzose veinstuff.  $4 \times 2\frac{1}{4}$ ". £12.00.
93. META-TORBERNITE. Old Gunnislake Mine, Gunnislake, Cornwall. Bright green platy crystal sections scattered on deep green crusts of Cornwallite covering an altered Quartzose matrix.  $2\frac{1}{2} \times 2 \times 1$ ". £2.50.
94. VANADINITE variety ENDLICHITE. Sierra de Los Lamentos, Chihuahua, Mexico. Fine, elongated hollow hexagonal crystals of a light brown to silvery colour, to 1 cm. in length, thickly scattered over and free standing on a crust of sparkling brown small sharp MOTTRAMITE crystals covering a light coloured matrix.  $3 \times 3 \times 2$ ". £14.00.
95. WEOGANITE. Francon Quarry, Montreal, Quebec, Canada. A select, single, pale creamy yellow tapering barrel shaped crystal, 15 mm. long x 8 mm. across the axis. £11.00.
96. WILLEMITE. Franklin, Sussex Co., N. Jersey, U.S.A. Rich, waxy, pale green mass associated with spots of crystalline black FRANKLINITE and odd masses of red ZINCITE. Brilliant fluorescence under u.v. lamp.  $2 \times 1\frac{1}{2} \times 1$ ". £3.25.
97. WITHERITE. Fallowfield Mine, Hexham, Northumberland. Sharp, translucent creamy pseudo-hexagonal crystals, mostly around  $\frac{1}{2}$ " in size, free standing on and encrusting massive Witherite matrix. Select old specimen.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £13.00.
98. WITHERITE. Rosiclare, Hardin Co., Illinois, U.S.A. Choice, elongated, creamy translucent large barrel-like crystals to 1" in length scattered and intergrown on a cellular matrix with odd small pale purple cubic crystals of Fluorite in association.  $3 \times 2\frac{1}{4} \times 2$ ". £8.00.
99. WOLFRAMITE. Kit Hill Mine, Callington, Cornwall. Rich, bright black, bladed mass with milky Quartz on altered fine grained Granite.  $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". £2.50.
100. WULFENITE. Sierra de Los Lamentos, Chihuahua, Mexico. Choice, lustrous, translucent, orangey blocky tabular crystals to  $\frac{1}{4}$ " in size, scattered over a cellular deep brownish black matrix with much drusy crystalised creamy Calcite in association.  $5 \times 3 \times 2$ ". £13.00.

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May we take this opportunity to wish all our customers a very happy Christmas and good collecting in the New Year.

Richard W. Barstow.