

RICHARD W. BIRSTOW

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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 specimens.

Please quote the name and the number of the specimen(s) required, and enclose P.O./Cheque with order.

No charge is made for postage and packing, except for over-seas customers and postage over 50p.

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 1973

1. NATIVE ANTIMONY. Allemont, Isere, France. Bright silvery grey crystalline cleavage mass with minor yellowish alteration products. $2\frac{1}{2} \times 1\frac{1}{4}$ ". £4.50.
2. APATITE. Carrock Mine, Caldbeck, Cumberland. Large cloudy sea-green crystals to 1" in size embedded in Quartz with silvery Arsenopyrite. Fluoresces mustard yellow under U.V. light. $3 \times 2\frac{1}{4}$ ". £2.
3. APOPHYLLITE. Levant Mine, Pendeen, Cornwall. $\frac{1}{4}$ " modified creamy grey crystals intergrown with a little fibrous Tremolite. $1\frac{1}{4} \times 1$ ". £2.
4. NATIVE ARSENIC. Schneeberg, Saxony, Germany. Grey shelly solid mass with minor Calcite and Galena in association. One side of the specimen has been cut and polished. $2\frac{1}{2} \times 1$ ". £2.
5. ATACAMITE. Remolinos, Atacama Desert, Chile. Dark green pure crystalline mass. $3 \times 2\frac{1}{2}$ ". £4.
6. AZURITE. Ting-Tang Mine, Gwennap, Cornwall. Specimen A - Small sharp bright blue crystals encrusting and lining small cavities in dark gossan matrix. $2\frac{1}{4} \times 1\frac{1}{4}$ ". £4; Specimen B - Small bright crystals encrusting gossan matrix. $2\frac{1}{2} \times 1\frac{1}{4}$ ". £3.50.
7. AZURITE. Carharrack Mine, Gwennap, Cornwall. Specimen A - Bright blue platy crystal mass on limonitic gossan. $2 \times 1\frac{1}{4}$ ". £3; Specimen B - Deep blue massive vein section with crystalline cavities associated with gossan and a little Chalcopyrite. $2 \times 1\frac{1}{4}$ ". £3.
8. AZURITE. Chessy, Rhone, France. A mass of deep blue intergrown tabular crystals. Attractive specimen from this well known old location. $2\frac{1}{4} \times 1\frac{1}{2}$ ". £7.
9. BENJAMINITE. Delamar, Lincoln Co. Nevada, U.S.A. Small greyish masses and threads in Quartzose veinstone. $1\frac{1}{2} \times 1\frac{1}{2}$ ". £1.

10. BORNITE. Cooks Kitchen Mine, Camborne, Cornwall. Small sharp tarnished cubic crystals lining druses in cellular massive Bornite and Quartz matrix. Specimen A - $\times 2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £5; Specimen B - $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.50; Specimen C - $2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.
11. BORNITE. South Caradon Mine, St. Cleer, Cornwall. Specimen A - Pure solid iridescently tarnished mass with very minor Chalcopyrite in association. $3\frac{1}{2} \times 2\frac{1}{2} \times 3$ ". £5; Specimen B - Pure solid iridescent mass 3×2 ". £2.50. Extremely rich examples from this once prolific mine.
12. BROCHANTITE. Bisbee, Cochise Co., Arizona, U.S.A. Emerald green needle crystals intergrown with minor Limonite on gossan matrix. $3 \times 2\frac{1}{2}$ ". £4.
13. BOURNONITE. Felsobanya, Rumania. Small sharp grey cog-wheel type crystals to 3 mm in size richly intergrown and scattered over a matrix of Quartz with Sphalerite and minor Chalcopyrite. 3×2 ". £6.
14. CALCITE. Levant Mine, Pendeen, Cornwall. Unusual zoned whitish hexagonal platy crystals encrusting greenstone matrix. $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". £2.50.
15. CARROLLITE. N'Kana, Zambia. Bright silvery masses richly intergrown with minor Chalcopyrite and Quartzose rock. $4\frac{1}{2} \times 2 \times 2$ ". £7.
16. CASSITERITE. Old Bodelva Clay Pit, St. Blazey, Cornwall. Brilliant black striated twinned crystals intergrown on massive coarse Cassiterite with minor Tourmaline. Some clear light yellowish crystals occur in some small cavities. $2\frac{1}{2} \times 2\frac{1}{2}$ ". £3.
17. CASSITERITE. Savath Clay Pit, Luxulyan, Cornwall. Bright black sharp twin crystals intergrown in cavities of coarse crystalline Cassiterite with minor Tourmaline and Quartz. An old label is attached to this specimen. $3 \times 2 \times 1\frac{1}{2}$ ". £6.
18. CASSITERITE. Dolcoath Mine, Camborne, Cornwall. Large elongated "sparable" habit crystals partially embedded in Fluorite and Quartz on Tourmaline peach veinstone. An old label is attached to this specimen. $2 \times 1\frac{1}{2}$ ". £5.
19. CASSITERITE. Redmor Mine, Collington, Cornwall. Small bright blackish modified crystals encrusting cellular Quartz/Chlorite matrix. $2 \times 1\frac{1}{2}$ ". £3.
20. CASSITERITE. Pell Mine, St. Agnes, Cornwall. Unusual dark brown four sided terminated crystals implanted on a Quartzose matrix with minor Chlorite. $2 \times 1\frac{1}{2}$ ". £4.
21. CASSITERITE. Great Wheel Vor, Breage, Cornwall. Pure light brown mass with numerous drusy cavities lined with small sharp black crystals. 3×2 ". £3.
22. CASSITERITE. Garth Mine, Sancreed, Cornwall. Small rounded masses, of the 'toad's eye' variety, on and in a veinstone of banded Quartz, Feldspar and Chlorite. Very unusual specimen. $3\frac{1}{2} \times 2\frac{1}{2} \times 2$ ". £4.
23. CASSITERITE. West Wheel Kitty, St. Agnes, Cornwall. Specimen A - Rounded masses and small knobs of the 'toad's eye' variety richly aggregated over Quartz/Slate matrix with odd specks of Chalcopyrite. $2\frac{1}{2} \times 2$ ". £4; Specimen B - Rich masses of banded and rounded Cassiterite of the 'toad's eye' variety in Quartz/Chlorite matrix. $2 \times 1\frac{1}{2}$ ". £3; Specimen C - Extremely rich mass of 'toad's eye' Cassiterite. $1\frac{1}{2} \times 1\frac{1}{2}$ ". £3.

4. CERUSSITE. Mibladen, Nr. Midelt, Atlas Mts. Morocco. A sharp $\frac{1}{2}$ " glassy crystal implanted on a matrix of pink platy Barytes crystals with minor Galena. $4 \times 2\frac{1}{2}$ ". £4.
25. CHALCEDONY. Wheal Mary Ann, Menheniot, Cornwall. Intergrown crystals of octahedral Fluorite to 1 cm. in size completely replaced by whitish Chalcedony on massive Chalcedony/Fluorite matrix. $2\frac{1}{2} \times 1\frac{1}{2}$ ". £3.
26. CHALCOJUDUMITE. Lavender Pit, Bisbee, Cochise Co., Arizona, U.S.A. Sky blue crystalline botryoidal masses lining a 1" cavity in dense ferruginous gossan with minor Malachite and Cuprite. $2\frac{1}{4} \times 2$ ". £2.50.
27. CHALCOCITE. Botallack Mine, St. Just, Cornwall. Small sharp bright elongated striated crystals scattered on a matrix of cellular and botryoidal Chalcopyrite. $2\frac{1}{2} \times 1\frac{1}{4}$ ". £3.
28. CHALCOCITE. Trenwith Mine, St. Ives, Cornwall. Pure grey mass with minor Sphalerite. an old label is attached to this specimen. $2\frac{3}{4} \times 2 \times 2$ ". £1.
29. CHENEVIXITE. Wheal Unity, Gwennap, Cornwall. Dark blackish green masses richly intergrown in gossan matrix. $1\frac{1}{4} \times 1$ ". 75p.
30. NATIVE COPPER. West Caradon Mine, St. Cleer, Cornwall. A superb pure crystallised mass, with an attractive reddish tarnish and slight greenish alteration in places. $4 \times 3\frac{1}{2} \times 3$ ". £10.
31. NATIVE COPPER. United Mines, St. Day, Cornwall. Deep coppery red dendritic crystallised mass. $2 \times 1\frac{1}{4}$ ". £3.
32. NATIVE COPPER. Botallack Mine, St. Just, Cornwall. Coppery red intergrown cellular crystal mass. $1\frac{1}{2} \times \frac{1}{4}$ ". £1.25.
33. NATIVE COPPER. Kearsarge Mine, Keweenaw Peninsular, Michigan, U.S.A. Rich tarnished hackly mass with minor Calcite and Basalt. $4 \times 3 \times 1\frac{1}{2}$ ". £6.
34. NATIVE COPPER. Tsumeb, Otavi, S.W. Africa. Dark coppery red intergrown cellular crystal mass. $2 \times 1\frac{1}{4}$ ". £3.
35. CORNWALLITE. Old Gunnislake Mine, Gunnislake, Cornwall. Rich dark green crust covering Limonitic Quartz matrix. $3\frac{1}{2} \times 2$ ". £1.50.
36. COVELLITE. Butte, Silver Bow Co., Montana, U.S.A. Rich brightly tarnished platy vein section $\frac{1}{2}$ " in width and bordered by bands of massive grey Chalcocite, with minor Pyrite and Quartz in association. $3\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". £4.50.
37. CRYOLITE. Ivigtut, Arksuk Fiord, West Greenland. Solid icy white mass with scattered cleavages of tan Siderite embedded in it. $3 \times 2\frac{1}{2}$ ". £1.
38. CUPRITE. Phoenix Mine, Linkinhorne, Cornwall. Fine bright maroon octahedral crystals forming an intergrown cellular mass with minor Native Copper and Quartz. $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". £5.
39. CUPRITE. Wheal Unity, St. Day, Cornwall. Large intergrown octahedral crystals on Quartz and massive Cuprite matrix. $2 \times 1\frac{1}{4}$ ". £3.
40. CUPRITE. Wheal Gorland, St. Day, Cornwall. Large sharp octahedral crystals scattered and intergrown on Quartz/massive Cuprite matrix. $3\frac{1}{2} \times 2$ ". £4.

1. CUPRITE. Tsumeb, Otavi, S.W. Africa. Superb large bright sharp modified crystals to $\frac{1}{4}$ " in size thickly intergrown over a mass of ferruginous gossan and massive Cuprite, with minor crystals of yellow Mimeteite. $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". £14.
42. CUPRITE variety CHALCOTRICHITE. Tryphena Lode, Wheal Pendarves, Camborne, Cornwall. Red needly felt-like masses implanted in cavities in dark ferruginous matrix. 3×2 ". £1.
43. DESCLOISITE. Berg Lukas, Otavi, S.W. Africa. Bright reddish brown sharp crystals forming a cellular intergrown mass. Very good specimen of this mineral. $2\frac{3}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £8.
44. DESCLOISITE. Tsumeb, Otavi, S.W. Africa. Brilliant, blackish brown sharp crystals thickly intergrown over cellular Dolomite matrix with minor whitish Calcite. $2\frac{3}{4} \times 2\frac{1}{2}$ ". £7.
45. DIPHORITE. Keyser Vein, Morey, Nye Co., Nevada, U.S.A. Small greyish masses embedded in drusy Quartz with odd micro-crystals of Andorite and specks of Sphalerite. $2 \times 1\frac{1}{4}$ ". £1.50.
46. DIOPSIDE. Ala Valley, Piedmont, Italy. Large, fine, sharp free-standing crystals to $\frac{1}{4}$ " in size associated with orangey crystals of Hessonite Garnet in a $1\frac{1}{2}$ " cavity in schistose matrix. $2\frac{1}{2} \times 2$ ". £4.50
47. DIOPTASE. Tsumeb, Otavi, S.W. Africa. Specimen A - Fine brilliant transparent emerald green crystals lining cavities with small Calcite crystals in massive Calcite/Dioptase matrix. Very showy specimen. $3 \times 2 \times 2$ ". £8; Specimen B - Brilliant well formed emerald green crystals richly encrusting Calcite/Dolomite matrix. $2 \times 1\frac{1}{2}$ ". £4; Specimen C - Bright well formed crystals implanted on drusy Calcite on Dolomite matrix. 1×1 ". £2; Specimen D - Small bright crystals intergrown on white Calcite. 1×1 ". £1.
48. DUFRENITE. Stoves Section, Phoenix Mine, Linkinhorne, Cornwall. Rich brownish green radiated botryoidal masses lining joints in hard silicified Tourmaline veinstone. Specimen A - $2\frac{1}{2} \times 2$ ". £2; Specimen B - 2×2 ". £1.50.
49. FLUORITE. Heights Mine, Stanhope, Weardale, Co. Durham. Transparent green, slightly etched, cubic crystals to $\frac{1}{2}$ " in size intergrown on leached ferruginous Limestone. $2\frac{1}{2} \times 3$ ". £6.
50. FLUORITE. Wheal Mary Ann, Menheniot, Cornwall. A mass of large sea-green cubic crystals to 3" on face edge, partially encrusted with well formed doubly terminated slightly milky Quartz crystals. $4\frac{1}{2} \times 6$ ". £7.
51. FLUORITE. South Caradon Mine, St. Cleer, Cornwall. A three-faced portion of a large semi-transparent light blue zoned crystal with odd small crystalline masses of Chalcopyrite implanted on it. 4×4 " with face edges 3" in size. £8.
52. FLUORITE. Blackdene Mine, Weardale, Co. Durham. Specimen A - Deep purple large intergrown cubic crystals slightly encrusted with small bright Chalcopyrite crystals. $3\frac{1}{2} \times 3$ ". £5; Specimen B - Intergrown group of large deep purple cubic crystals with odd scattered crystals of Chalcopyrite. 4×3 ". £4.50.

53. **FIJORITE.** Mine Le Baix, Puy-de-dome, France. Fine transparent aquamarine blue crystallised masses, of unusually clear transparency and colour. Specimen A - Cleavage mass with cube faces. $4 \times 2 \frac{1}{2}$ ". £8; Specimen B - Crystal group $2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £6; Specimen C - Crystal group 2×2 ". £4.
54. **FREIESLEBENITE.** Hiendelaencina, Spain. Rich greyish metallic crystalline mass with minor schist. 1×1 ". £4.50.
55. **GAUSPEITE.** Otter Shoot Orebody, Kambalda, W. Australia. Specimen A - Solid apple green veins to 1 cm. in width crossing ferruginous matrix. $3 \frac{1}{2} \times 2$ ". £4.50; Specimen B - Pure apple green mass with minor Limonite. $3 \times 1 \frac{1}{4}$ ". £3.
56. **GALENA.** Wheal Jane, Kea, Cornwall. Bright silvery grey intergrown crystals and cleavages on Quartz. 2×2 ". £2.
57. **GALENA.** Llambriggan Mine, Perranzabuloe, Cornwall. Rich silvery grey cleavage mass with a little Quartz and yellowish brown Sphalerite. 4×3 ". £1.25.
58. **GALENA.** Blackdene Mine, Weardale, Co. Durham. Specimen A - Large brilliant silvery grey modified cubic crystals thickly intergrown and scattered over leached Limestone matrix with small whitish nail-head Calcite crystals in association. $5 \times 2 \frac{1}{2} \times 2$ ". £7; Specimen B - Bright cubo-octahedral crystals to $\frac{1}{2}$ " in size forming a fine intergrown mass. 3×2 ". £5; Specimen C - as specimen B $2 \frac{1}{2} \times 2$ ". £4.
59. **GALENA.** Great Laxey Mine, Isle of Man. Large, slightly etched, highly modified, metallic grey crystals richly intergrown and associated with minor black Sphalerite crystals on a slate matrix. A rich sample from a difficult to get British location. 7×5 ". £9.
60. **GOETHITE.** Parknoweth Mine, St. Just, Cornwall. Well developed shiny black botryoidal mass with fibrous radiated edges covering milky Quartz. 2×2 ". £2.50.
61. **GOLD.** Main Reef Outcrop, Salisbury Mine, Johannesburg, Transvaal. Rich flaky masses in coarse ferruginous conglomerate. $3 \times 1 \frac{1}{2}$ ". £4.
62. **GOLD.** Salisbury Mine, Johannesburg, Transvaal. Very rich bright masses and flakes scattered through dark Quartzose "Basket" rock. $2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £5.
63. **GOLD.** Witwatersrand, Transvaal, S. Africa. Rich bright flakes on dark Quartz matrix. $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £3.
64. **GOLD.** Treore Mine, Port Isaac, Cornwall. Small flakes and specks disseminated in milky Quartz with odd spots of Chalcopyrite, Jamesonite and Sericitised Slate. Specimen A - Rich dissemination of Gold on one end of the specimen. $1 \frac{1}{2} \times 1$ ". £4; Specimen B - Odd specks on one end of the specimen. $1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £2; Specimen C - as Specimen B. $1 \frac{3}{4} \times 1$ ". £2; Specimen D - Small specks in Quartz. $1 \times \frac{1}{2}$ ". £1; Specimen E - 1" chip with minute specks of Gold. 50p.
65. **HEMIEDRITE.** Wickenburg, Maricopa Co., Arizona, U.S.A. Reddish crystals and micro crystals on and in Quartz. $1 \frac{1}{2} \times 1$ ". £1.50.
66. **HEMIMORPHITE.** Santa Eulalia, Chihuahua, Mexico. Choice clear well terminated crystals to 1 cm. in size completely encrusting Limonitic matrix. $2 \times 1 \frac{1}{2}$ ". £3.

57. **HEULANDITE.** Campsie Hills, Stirling, Scotland. Fine, sharp, brick red crystals and large cleavages on and in Andesite matrix with minor Calcite in association. $4 \times 2\frac{1}{2}$ " . £6.
68. **JAMESONITE.** Treore Mine, Port Isaac, Cornwall. Specimen A - Pure silvery grey fibrous mass with minor Pyrite in association. $4 \times 2\frac{1}{2}$ " . £4; Specimen B - Very rich fibrous masses with minor Pyrite in Quartz, with a little yellowish Bindheimite. 3×2 " . £3; Specimen C - As Specimen B. $2\frac{1}{2} \times 2$ " . £2.50; Specimen D - Rich fibrous mass with Quartz. $2\frac{1}{2} \times 1\frac{1}{2}$ " . £1.50; Specimen E - Pure silvery grey cleavage mass with minor yellow Bindheimite. $1\frac{1}{2} \times 1$ " . £1.
69. **LIBETHENITE.** West Caradon Mine, St. Cleer, Cornwall. Small, sharp, olive green crystals lining joints in Quartzose matrix with minor Chrysocolla. Specimen A - $2 \times 1\frac{1}{4}$ " . £1; Specimen B - $1\frac{1}{2} \times 1$ " . 75p.
70. **MAGNETITE.** Haytor Iron Mine, Haytor Vale, Devon. Specimen A - Fine sharp shining black octahedral crystals encrusting massive Magnetite matrix with Actinolite and minor Hastingsite. $2\frac{1}{2} \times 1\frac{1}{2}$ " . £2; Specimen B - As specimen A. $1\frac{1}{2} \times 1\frac{1}{2}$ " . £1.50; Specimen C - Choice black crystals encrusting massive Magnetite. $2 \times 1\frac{1}{2}$ " . £1.50.
71. **MALACHITE.** South Condurrow Mine, Camborne, Cornwall. Velvety green fibrous masses on Limonitic gossan. An old label is attached to this specimen. $1\frac{1}{2} \times 1$ " . 75p.
72. **MALACHITE.** Wallaroo, S. Australia. Superb deep emerald green sharp crystals lining numerous cavities in massive Cuprite matrix. Specimen A - $3 \times 2\frac{1}{2}$ " . £8; Specimen B - $3 \times 2\frac{1}{4}$ " . £6; Specimen C - $2 \times 1\frac{1}{2}$ " . £3; Specimen D - $2 \times 1\frac{1}{4}$ " . £5.
73. **MALACHITE.** Copper Queen Mine, Bisbee, Arizona, U.S.A. Pure fibrous mass with a botryoidal surface. $2 \times 1\frac{1}{4}$ " . £2.50.
74. **MANGANITE.** Ilfeld, Harz Mts., Germany. Superb steel black brilliant crystalline masses with cavities lined with sharp well formed needle crystals. Choice examples of this mineral from a classic location. Specimen A - $4 \times 3\frac{1}{2}$ " with a $2 \times 1\frac{1}{2}$ " cavity lined with sharp crystals, and with smaller crystal lined cavities. £10; Specimen B - Brilliant black elongated crystals lining a 2" cavity in crystalline Manganite matrix. $3 \times 1\frac{1}{2} \times 1$ " . £8; Specimen C - $1\frac{1}{2}$ " cavity lined with crystals in Manganite matrix. $2\frac{1}{2} \times 2$ " . £6; Specimen D - Coarse crystalline mass with small crystals in cavities. 3×2 " . £3; Specimen E - $1\frac{1}{2} \times 1$ " crystalline Manganite with $\frac{1}{2}$ " cavity lined with brilliant crystals. £2; Specimen F - As specimen E - $1\frac{1}{2} \times 1$ " with slightly smaller crystals. £1.75.
75. **MIMETITE variety CAMPYLITE.** Dryghyll, Caldbeck Fells, Cumberland. Bright orangey barrel shaped crystals richly scattered over Psilomelane on Quartz matrix. 4×2 " . £4.50.
76. **MIXITE.** Old Gunnislake Mine, Gunnislake, Cornwall. Pale green crystalline masses and coatings with micro Meta-Torbernite crystals on Smoky Quartz. $1\frac{1}{2} \times 1$ " . £1.
77. **NATROLITE.** Dean Quarry, St. Keverne, Lizard, Cornwall. Select snow-white radiated crystalline vein section with gabbro walls. $2\frac{1}{2} \times 2 \times 1\frac{1}{2}$ " thick. £2.

78. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Specimen A - Fine dark olive green sharp crystals lining large cavities in Quartz gossan. $4 \times 4 \times 2$ ". £11; Specimen B - As above. $4 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{3}{4}$ ". £7.50; Specimen C - Choice $\frac{1}{2}$ " cavity lined with sharp crystals with other smaller cavities in crystalline Olivenite on Quartz. $2 \frac{1}{4} \times 1$ ". £4. These specimens were collected early last century and are fine old time examples of this mineral.
79. OLIVENITE. Tincroft Mine, Illogan, Cornwall. Choice dark olive green elongated needle crystals encrusting and lining cavities in Limonitic/Quartz gossan. Specimen A - $2 \frac{1}{2} \times 2$ ". £6; Specimen B - $3 \times 1 \frac{1}{2}$ ". £5; Specimen C - $1 \frac{1}{2} \times 1 \times 1$ ". £4; Specimen D - $1 \frac{1}{2} \times 1$ ". £3.
80. OSARIZWITE. Ruskaku Reef, Tui Mine, Tearoa, New Zealand. Apple green masses in Kaolinite with minor blue Azurite. $1 \frac{1}{2} \times 1$ ". £1
81. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Choice bright green cubic crystals richly lining numerous cavities in dense Limonitic gossan with minor Scorodite in association. Specimen A - $2 \times 2 \times 1 \frac{1}{2}$ ", very rich in Pharmacosiderite, £5; Specimen B - $3 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £4; Specimen C - $1 \frac{1}{2} \times 1$ ". £2.50.
82. PAIGETE. Brooks Mountain, Seward Pen., Alaska. Pure black lustrous pitchy masses. Specimen A - 2×1 ". £1.25; Specimen B - 1×1 ". 75p.
83. POLYSITE. Joachimstal, Bohemia. Shining black striated crystal plates and blades implanted in cavities in Quartz/Dolomite matrix on schist. $3 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ ". £5.
84. PREHNITE. Boylestone Quarry, Renfrew, Scotland. Choice light green botryoidal masses, with some crystal faces, associated with some minor Calcite. Specimen A - $2 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". £3; Specimen B - $2 \frac{1}{2} \times 2 \frac{1}{2}$ ". £2.50; Specimen C - Choice botryoidal plate 2×2 ". £2; Specimen D - Well formed botryoidal mass $1 \frac{1}{2} \times 1$ ". 75p.
85. PREHNITE. Haslach, Kinzig-Tal, Baden, Germany. Well formed apple green rounded crystals intergrown and covering cellular Prehnite/Alkyolite matrix. $2 \frac{1}{2} \times 2 \times 1 \frac{3}{4}$ ". £6.
86. PSEUDOMALACHITE. Wheal Carpenter, Gwiness, Cornwall. Well formed dark green botryoidal masses encrusting sugary white Quartz. Specimen A - $3 \times 1 \frac{1}{2}$ ". £1.50; Specimen B - $1 \times 1 \frac{1}{4}$ ". 50p.
87. PSEUDOMALACHITE. Old Gunnislake Mine, Gunnislake, Cornwall. Dark green mass with a crystalline cavity on and in granitic matrix. 2×1 ". 75p.
88. PYROMORPHITE. Wheal Alfred, Phillack, Cornwall. Specimen A - Crust of bright yellow, semi-transparent, small crystals covering a Chalcedonic Quartz. $2 \frac{1}{2} \times 2 \frac{1}{2}$ ". £2; Specimen B - As specimen A - 2×2 ". £1.50; Specimen C - Bright lustrous greeny-yellow crystals richly scattered over Quartz. $2 \times 1 \frac{1}{2}$ ". £1; Specimen D - Intergrown mass of lime green bright needle crystals with fragments of brecciated Quartz. $1 \times \frac{3}{4}$ ". 75p.
89. PYRRHOTITE. Santa Eulalia, Chihuahua, Mexico. Large sharp bronzy hexagonal crystals to a $\frac{1}{2}$ " in size implanted on milky Quartz crystals on massive Pyrrhotite/Sphalerite/Limestone matrix. $2 \times 2 \times 1 \frac{1}{2}$ ". £5.

90. QUARTZ. Wheal Jane, Kea, Cornwall. Fine long prismatic terminated milky crystals encrusting Quartz/Slate matrix with minor Sphalerite in association. The area of crystals is $3 \times 2\frac{1}{2}$ " ; total specimen size 5×3 ". £5.
91. QUARTZ variety OPAL. Slip Quarry, St. Dennis, Cornwall. Lustrous white porcelainous masses with a well developed conchoidal fracture implanted on and infilling cavernous Quartz. $4\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". £2.
92. NATIVE SILVER. Cobalt, Ontario, Canada. Thin sheety masses on Quartzose rock with minor blackish Argentite. $3 \times 1\frac{1}{4} \times 1\frac{1}{2}$ ". £3.
93. NATIVE SILVER. Cobalt, Ontario, Canada. 1" silvery nuggety mass. £2.
94. SKUTTERUDITE. Bou-azzer, Anti-Atlas, Morocco. $\frac{3}{4}$ " group of bright silvery crystals partially embedded in Calcite. £2.
95. SPHALERITE. Hydraulic Shaft, Smallcough Mine, Menhead, Cumberland. Superb large display specimen consisting of Limestone matrix completely encrusted with large brilliant black sharp well formed Sphalerite crystals. $7 \times 4\frac{1}{2} \times 4$ ". £10.
96. STANNITE. East Pool Mine, Illogan, Cornwall. Pure solid slightly tarnished masses with very minor silvery Arsenopyrite. Specimen A - $3 \times 1\frac{3}{4}$ ". £1.50; Specimen B - $2\frac{1}{2} \times 1\frac{1}{2}$ ". £1.25; Specimen C - $1\frac{1}{4} \times 1\frac{1}{4}$ ". 75p.
97. STIBNITE. Knipes Mine, New Cumnock, Ayrshire. Fine bright grey cleavage masses with minor Quartz and a little yellowish Stibiconite and traces of reddish Kermesite. Specimen A - $4 \times 3\frac{1}{2} \times 2\frac{1}{2}$ ". £4.50; Specimen B - $3\frac{1}{2} \times 2\frac{1}{2}$ ". £3.
98. TARBUTTITE. Broken Hill, Zambia. Specimen A - Crust of small sharp lustrous crystals covering Limonitic gossan $1\frac{1}{2} \times 1$ ". £6; Specimen B - Intergrown mass of radiated crystals forming a $\frac{3}{4}$ " group. £4.
99. TENORITE. Vesuvius, Naples, Italy. Shiny black delicate scales richly scattered over ropey lava. $5 \times 1\frac{1}{2}$ ". £3.
100. TILASITE. Langban, Wernland, Sweden. Salmon coloured granular mass. $2 \times 1\frac{3}{4}$ ". £3.
101. TOPAZ. Diamond Rocks, Mourne Mts., Co. Down, N. Ireland. 1 cm. terminated well formed semi-transparent crystal implanted in a cavity in Granite. $2\frac{1}{4} \times 1\frac{1}{2}$ ". £2.
102. TOPAZ. Schneckenstein, Vogtland, Germany. Terminated lightish yellow transparent crystals to 1 cm. in size partially embedded in and on Quartzose rock. $3 \times 2\frac{1}{4}$ ". £5.
103. VANADINITE. Mibladen, Nr. Midelt, Atlas Mts., Morocco. Specimen A - Superb 'museum quality' group of intergrown lustrous reddish brown hexagonal crystals to 1 cm. in size forming a stepped mass. $2\frac{1}{2} \times 2\frac{1}{4}$ ". £30; Specimen B - Sharp reddish hexagonal crystals to 5 mm. in size richly scattered over Sandstone matrix. 3×1 ". £7; Specimen C - Bright sparkling orangey red hexagonal crystals associated with small platy Barytes crystals richly scattered over matrix. $3 \times 1\frac{1}{2}$ ". £7; Specimen D - Sharp thin red hexagonal crystals richly encrusting Sandstone matrix. $3 \times 1\frac{1}{2}$ ". £6; Specimen E - Bright red sharp hexagonal crystals to 5 mm. in size thickly intergrown on matrix. $1\frac{1}{4} \times 1$ ". £4.50; Specimen F - Bright orangey hexagonal crystals completely encrusting matrix. $3 \times 1\frac{1}{2}$ ". £4; Specimen G - Small sparkling drusy orange crystals encrusting Barytes matrix. $2\frac{1}{2} \times 1\frac{1}{2}$ ". £1.50.

104. WOLFRAMITE. East Pool Mine, Illogan, Cornwall. Excellent mass of divergent shining black blades traversed by thin strings of golden Chalcopyrite with minor Quartz and Fluorite, $4 \times 2\frac{1}{2} \times 2$ ". £4. ✕
105. WOLFRAMITE. Carrock Mine, Caldbeck, Cumberland. Long divergent black blades and masses thickly embedded in milky Quartz with minor Scheelite, and with a mass of partly crystalline sea green Apatite covering one face of the specimen. Good for fluorescent display. $5\frac{1}{2} \times 3$ ". £3.
106. TRILOBITE. Wheeler City, Utah, U.S.A. From the Middle Cambrian, species ELAETHLA. Perfect $1\frac{1}{2} \times 1$ " Trilobite partially embedded on shale matrix, 3×2 ". £10.
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