## RICHARD W. BARSTOW

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

## 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  $P \cdot 0 \cdot / Cheque$  with order.

No charge is made for postage and packing, except for overseas 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.

## AUGUST 1973

- 1. ALTAITE. Smuggler Mine, Balarat, Boulder Cty., Colorado, U.S.A. Rich metallic grey disseminations associated with minor Sylvanite in Phonolite. 12x2. £2.
- 2. ANALCIME. Dene Quarry, St. Keverne, Lizard, Cornwall.

  Large snow-white intergrown crystals to 1" in size encrusting gabbro rock. 32x3". £2.
  - 3. ANGLESITE. Poullaouen, Brittany, France. Excellent sharp semi-transparent glassy crystals, the largest being ½" in size, forming a cellular intergrown mass with minor Quartz. 2½x1½". £8.
  - 4. ANGLESITE. Wheal Penrose, Porthleven, Cornwall. Rich crust of rhombic crystals thickly covering a matrix of Galena and Slate. Very fine specimen for this location. 3x3". £6.
  - 5. ARSENOPYRITE. Hingston Fown Quarry, Gunnislake, Cornwall.

    A laxl" cavity in massive pure Arsenopyrite lined with bright silvery-grey crystals to a to in size.

    22x2x2". £2.50.
  - 6. AUTUNITE. Bessines, Haute-Vienne, France. Rich bright greenish-yellow crystals covering granite matrix, with minor yellowish Phosphuranylite. Brilliant fluorescence under ultra-violet light. 4x2". £6.
  - AZURITE. Tynagh Mine, Co.Galway, Eire. Sparkling blue crystals with minor Malachite and Cerussite forming thick coatings on and through limonitic gossan.
     3 2 x 2 2 x 2 ". f8.
  - 8. AZURITE. Ting Tang Mine, Gwennap, Cornwall. Thin blue coatings inter-mixed with slightly irridescent masses of Chalcopyrite and whitish Kaolin. A very colourful and unusual specimen. 34x2x2". £2.
  - 9. BEUDANTITE. Wheal Carpenter, Gwinear, Cornwall. Very rich crusts of wine coloured micro crystals covering Quartz gossan matrix. Specimen A 2xl4" £2.50; Specimen B l2xl4" £2.
  - 10. NATIVE BISMUTH. Kingsgate, New South Wales, Australia. Unusual rounded, pure alluvial masses with minor orangey Bismutite. Five pieces are being offered as a lot the largest being  $1\frac{1}{2}x_4^{3n}$ .  $\mathfrak{C}^4$ .

- ll. BISMUTHINITE. Old Pool Mine, Illogan, Cornwall. Delicate silvery needles in cavities in crystalised Quartz, with Sphalerite, Siderite, Fluorite and Chlorite. 2 2x2". £1.25.
- 12. BLOMSTRANDINE. Iveland, Norway. Glassy blackish brown mass with a conchoidal fracture, associated with minor Feldspar. 11x1". 80p.
- 13. BORNITE. Levant Mine, Pendeen, Cornwall. Pure massive, with bright irridescent surfaces. Good examples of this very rich Copper ore, these specimens being recently collected in the old Seaward workings of Levant Mine, on 170 fathoms level. Specimen A 2½x1½x1" £1.50; Specimen B 2½x1½ £1.
- 14. BROCHANTITE. Midelt, Atlas Mts., Morocco. Fine bright emerald green crystals completely covering a matrix of Quartz Cerussite with minor Cuprite. 3x2". £5.
- 15. BROOKITE. Magnet Cove, Garland County, Arkansas, U.S.A. Sharp bright modified crystals to 5 mm. in size richly scattered over a dark Quartzose matrix. 3x2xl2. £3.
- 16. CALCITE. Old Bal Lode, 130 fathoms level, Levant Mine, Pendeen, Cornwall. Intergrown stacked white platy crystals, forming rose-like aggregates on crystalised milky Quartz, with minor reddish Hematite. 32x22. £3.
- 17. CALCITE. Boltsburn Mine, Rookhope, Weardale, Co. Durham.
  White hexagonal crystal plates thickly intergrown and covering Fluorite matrix,  $3\frac{1}{4}x2\frac{1}{2}$ ". £1.
- 18. CALJITE. Weardale, Co. Durham. Semi-transparent milky "nailhead" type crystals encrusting lenticular Siderite onQuartz. 3½x3". £1.50.
- 19. CASSITERITE. Wheal Rock (otherwise known as St. Austell Hills Mine), Hensbarrow Moor, Cornwall. Pure brown mass with numerous small micro crystals on Quartz-Tourmaline matrix.  $2\frac{1}{2}x2\frac{1}{2}x1\frac{1}{2}$ ". £3.
- 20. CASSITERITE. Bunny Mine, Hensbarrow Moor, Cornwall. Bright sharp brown crystals in cavities in coarsely crystaline Cassiterite with minor Quartz and Tourmaline. Specimen A 2½x1½" showing fine crystals £4; Specimen B 2x1½" £2.
- 21. CASSITERITE. Wheal Prosper Openworks, Lanivet, Cornwall.

  \$\frac{3}{4}\text{"}\$ veinlet of massive brown Cassiterite with minor Quartz cutting a matrix of silicified Slate.  $2\frac{1}{2}x2xl\frac{1}{2}\text{"}$ . £1.25.
- 22. CASSITERITE. From the Carbona, 77 fathoms level, St. Ives
  Consolidated Mine, St. Ives, Cornwall. A dark brown mass
  of Cassiterite intergrown with minor coarse Tourmaline,
  with small cavities lined with micro crystals. Specimens
  from this occurrence are extremely rare, this piece was
  collected by Capt. James Curnow of St. Ives in 1856.
  3x2xl½". f4.
- 23. CASSITERITE. Restronguet Creek Alluvial Workings, Perranwell, Cornwall. Two specimens of the rich alluvial gravel, consisting of fragments of Slate, Cassiterite and Quartz cemented by iron oxide. These specimens were collected early last century, and are interesting examples from this once important deposit. Each specimen is 2½xl½xl½" in size. £1. each.
- 24. CASSITERITE. Pentewan Valley Stream Works, St. Austell, Cornwall. Pure dark brown pebble of solid Cassiterite. 12x1". 75p.
- 25. CASSITERITE. La Villeder, Morbihan, France. Dark reddish brown intergrown twin crystals with minor quartz and Muscovite mica. 12x1". £1.

- 26. CASSITERITE. Lallagua, Bolivia. Brilliant black sharp semitransparent crystal group, the largest crystal being 1 cm. in size.  $l_{\pm}^{1}x_{3}^{4}$ ". £3.
- 27. CERARGYRITE variety EMBOLITE. Proprietry Mine, Broken Hill,
  New South Wales, Australia. Pure olive green crystaline
  masses, with minor specks of orange Garnet. Specimen A 14x12x12" £4; Specimen B 12x1x1" £2.
- 28. CERUSSITE. Wheal Rose, Porthleven, Cornwall. A 1" cavity lined with white "jackstraw" type crystals in altered Slate Quartz matrix. 2x2". £1.
- 29. CERUSSITE. Pontgibaud, Puy-de-Dome, France. Large 1 cm. sized crystals, complexly twinned, intergrown on altered Galena and buff coloured schistose matrix. 3x2". £4.
- 30. CHALCOCITE. Geevor Mine, Pendeen, Cornwall. Brilliant steel grey thumb-nail sized groups of crystals, showing complex habits and modifications. £1 £2 each depending on quality and form.
- 31. CHALCOCITE. Geevor Mine, Pendeen, Cornwall. Small sharp bright grey crystals intergrown and scattered on sulphide-Tourmaline veinstuff. 1 \frac{1}{4}x\frac{3}{4}\frac{1}{4}
- 32. CHALCOPYRITE variety BLISTER COPPER. Penstruthal Mine, Redruth, Cornwall. Botryoidal bright mass with a smooth surface. 2xl3. £1.50.
- 33. CHALCOSTIBITE. Sidi-Betache, Nr. Romanni, Morocco. Pure crystaline greyish mass altered to azurite on its surfaces. 12x2". £3.
- 34. CHERVETITE. Mounana, Gabon. Bright light smoky brown crystalised veinlets in crystaline orangey-yellow FRANCEVILLEITE. 12x1". £6.
- 35. CONNELLITE. Copper Queen Mine, Bisbee, Arizona, U.S...

  Prussian blue needly masses richly scattered and embedded in massive Cuprite with minor Malachite and Azurite.

  2x14". £3.
- 36. N.TIVE COPPER. Pembroke Mine, St. Blazey, Cornwall. Bright mass of small sharp crystals with minor Quartz. 11x1". £1.25.
- 37. NATIVE COPPER. Tryphena Lode, Wheal Pendarves, Camborne, Cornwall. Unusual elongated tarnished wiry masses. Specimen A  $-2x_4^{2}$ " £1; Specimen B  $-1\frac{1}{2}x_4^{2}$ " 60p.
- 38. NATIVE COPPER. Franklin Mine, Keweenaw Peninsular, Michigan, U.S.A. Bright rich hackly mass with white Calcite and minor Rhyolite. 32x2". £6.
- 39. CORNWALLITE. Old Gunnislake Mine, Gunnislake, Cornwall.

  Rich dark green cellular crusts with minor crystalised
  Olivenite on Quartz. 1\frac{1}{2}\text{x}1\frac{1}{4}\text{"}. 75p.
- 40. CUPRITE. South Caradon Mine, St. Cleer, Cornwall. Maroon coloured cellular mass with numerous octahedral crystals with minor Native Copper and Quartz. A very rich specimen. 3\frac{1}{2}x2\frac{1}{2}x1\frac{1}{2}". \frac{1}{2}8.
- 41. CUPRITE. South Wheal Basset, Illogan, Cornwall. Cellular mass of bright sparkling crystals with minor Quartz. 32x3". £6.
- 42. DOLOMITE. Florence Mine, Millom, West Cumberland. Lustrous white "saddle-shaped" crystals encrusting Specularite and botryoidal Hematite. 2xl3". £1.
- 43. DIOPTASE. Guchab, Otavi, S.W. Africa. Bright emerald green crystals partially embedded in Jalcite on Limestone matrix. 2x11/2". f4.

- 44. DYSCRASITE. St. Andreasberg, Harz Mts., Germany. Tarnished dendritic and crystaline mass with minor Calcite. One side of the specimen has been cut and polished. 12x12". ft.
- 45. FIMORITE. Coalclough Mine, Nr. Nenthead, Northumberland. A group of unusual light purple crystals, showing good zoning, the larger crystals being l" on face edge.  $3\frac{1}{2}x2\frac{1}{2}$ ". £4.
- 46. FIWORITE. Blackdene Mine, Weardale, Co. Durham. Superb, transparent light greyish-purple crystals, with bright undamaged faces, the largest crystals being nearly  $\frac{1}{4}$ " on edge.  $3x2\frac{1}{2}$ ". £6.
- 47. FIMORITE. Eagle Picher Mine, Naica, Chihuahua, Mexico.
  Unusual transparent glassy crystals showing highly
  modified habits and much parallel growth intergrown with
  large rhombs of Calcite and minor crystals of Galena.

  3x22". £4.
- 48. FRANKLINITE. Franklin, Sussex Co., New Jersey, U.S.A.
  Large sharp black octahedral crystal 3n in size with
  minor Calcite. £3.
- 49. FREIESLEBENITE. Hiendelaencina, Spain. Dark grey sharp striated crystals intergrown and scattered over drusy Quartz, with minor reddish Pyrargyrite in association, on Mica schist. 32x3". £10.
- 50. FREIESLEBENITE. Hiendelaencina, Spain. 1 cm. striated, modified single crystal in a cavity in drusy Quartz/Baryte/Argentite on Schist. 2xl2". £5.
- 51. FREIESLEBENITE. Hiendelaencina, Spain. Deep grey metallic masses richly aggregated in Barytes matrix. 2xll. £3.
- 52. GALENA. Wheal Jane, Kea, Cornwall. Bright modified crystals embedded in drusy Quartz matrix with odd small black needly Wolframite crystals.  $3x2\frac{1}{2}$ ". £2.
- 53. GARNIERITE. New Caledonia. Pure dark green opaline mass, with an old label, written in French, attached to the specimen. laxlaxlar. £1.
- 54. NATIVE GOLD. President Stein Mine, Witwatersrand, Transvaal, S. Africa. "Banket" Quartz, consisting of pebbles of Quartz in a silicified matrix, with thin flecks and smears of Gold filling the interstices between the pebbles. 2xl½". £2.
- 55. NATIVE GOLD. Bendigo, Victoria, Australia. Very rich hackly Gold in and on white Quartz matrix. Specimen A gold richly covering and included in snow-white Quartz 3½x2x1½" £15; Specimen B Gold richly scattered as hackly masses through white Quartz 2½x3" £8; Specimen C bright crystaline masses of Gold on and in Quartz with minor Arsenopyrite 3x1½" £6; Specimen D bright wiry masses sticking out of white Quartz 1¾x1½" £6.
- 56. HELVINE. Langesund Fiord, Norway. Small sharp light yellowish tetragonal crystals and waxy masses richly scattered through matrix with minor Sphalerite and Barytes. 2x1". £2.
- 57. HEMATITE. Burnier, Minas Geraes, Brazil. A large flat brilliant black crystal showing well developed faces round its edges and interesting triangular etch figures. 2½xl½". £6.
- 58. HYDROJERUSSITE. Priddy, Mendip Hills, Somerset. Rich white platy crystaline mass with minor Limonite and Calcite. 2xl. £2.

- 59. ILVAITE. Rio Marina, Elba, Italy. Pure black crystaline mass, showing much parallel growth on the outer surfaces. 32xl2xl21. £6.
- 60. ISO-STANNITE. Cligga Mine, Cligga Head, Perranzabuloe, Cornwall. Pure solid masses with a brilliant blue tarnished surface, with minor Quartz and Arsenopyrite. Specimen A 3x2\frac{1}{2}x1\frac{1}{2}" \pmu4+; Specimen B 2\frac{1}{2}x3x1\frac{1}{2}" \pmu2.50; Specimen C 2x1\frac{3}{4} \pmu1.
- 61. JaMESONITE. Wheal Boys, Port Isaac, Cornwall. Solid grey fibrous mass with minor Stibnite, and yellowish coatings of Bindheimite. 3x2%". £3.
- 62. KRENNERITE. Cripple Creek, Teller County, Colorado, U.S.A. Bright metallic bronzy masses and crystals richly aggregated in Phonolite. 2xl". £6.
- 63. LANGITE. Geevor Mine, Pendeen, Cornwall. Sky blue crystals forming rich crusts on granitic matrix. Specimen A 2½x½" £2.50; Specimen B showing excellent Langite crystals ½x¾" £1.50.
- 64. LAUMONTITE. Pine Creek, Nr. Bishop, California, U.S.A. Fine elongated single crystal, of a creamy colour, well terminated and 4" in length. £1.
- 65. LINDGRENITE. Superior Mine, Miami, Pinal County, Arizona, U.S.A. Pale green crystaline plates scattered on Quartz.  $1\frac{1}{2}x_{4}^{3}$ . £1.
- 66. LISKEMRDITE. Penberthy Crofts Mine, St. Hilary, Cornwall.

  Very rich snow-white crystaline incrustations on gcssan

  matrix. Specimen A 12x12" £1.50; Specimen B 12x1" £1.
- 67. MALACHITE. Wheal Carpenter, Gwinear, Cornwall. Thick green botryoidal mass, with a smooth surface, on Quartzose gossan. 2x12". £3.
- 68. MANGANITE. Siegen, Westphalia, Germany. Unusual shelly dark grey botryoidal mass. 3x2\frac{1}{2}x2". £2.
- 69. MILLERITE. Aberfridwr Colliery, Nr. Caerphilly, Glamorgan.
  Bright metallic needly crystals forming interesting
  sprays on tan Siderite lining cavities in clay ironstone.
  Specimen A 2xl½" with a very fine spray of Millerite
  crystals £4; Specimen B 1½xl½" £1.
- 70. MIMETITE variety CAMPYLITE. Dryghyll, Caldbeck Fells,
  Cumberland. Orangey-green barrel-shaped crystal
  aggregates, partially overlaid with pale yellow needly
  Mimetite, intergrown on blackish Quartz. 22x2". £2.
- 71. MIMETITE. Minas Ojuela, Mapimi, Mexico. Bright yellow botryoidal crystalised masses on Limonitic gossan. 24x2". £1.25.
- 72. OLIVENITE. Wheal Gorland, St. Day, Cornwall. Choice fibrous banded crystalised mass lining a cavity in Quartz. 2\frac{1}{2}x2xl\frac{3}{4}". £6.
- 73. ORPIMENT. Getchell Mine, Humboldt County, Nevada, U.S.A.
  Bright yellow well formed crystals scattered on
  Quartzose matrix with minor red Realgar crystals.
  32x1". £4.
- 74. PECTOLITE. Dene Quarry, St. Keverne, Lizard, Cornwall. Fibrous, white radiated vein section with minor Calcite and gabbro. 2xl2x2" thick. 50p.
- √ 75. PREHNITE. Dene quarry, St. Keverne, Lizard, Cornwall.

  Pale green botryoidal masses, showing an interesting honeycombed structure, with minor Natrolite on gabbro.

  3½x2½". £2.

- 76. PITCHBLENDE. Fay Mine, Eldorado, Saskatchewan, Canada.
  Black, very rich, masses and veinlets in feldspathic rock. 3x22", £1.50.
- 77. POLYBASITE. Callayoma, Arequipe, Peru. Bright metallic grey masses richly aggregated and scattered through pink Rhodochrosite and Calcite matrix with minor Pyrite and Galena. 2xl2". £2.
- 78. PYRARGYRITE. Hiendelaencina, Spain. Fine splendent deep red small terminated crystals scattered in cavities in cellular Barytes matrix. 1\dagger\tau1\dagger\t
- 79. PYRARGYRITE. Hiendelaencina, Spain. Specimen A a fine group of well terminated bright crystals  $\frac{3}{4}x_{2}^{4}$ ! in size £4; Specimen B a group of three thick well terminated intergrown crystals with minor Quartz. Thumb-nail size specimen £4; Specimen C a thick single well formed and terminated crystal 1 cm. in size £2.50.
- 80. SCHEELITE. Zinnwald, Bohemia, Germany. Creamy white modified octahedral crystals richly encrusting Limonitic Quartz matrix. A fine specimen for this mineral. 32x12x12". flo.
- 81. NATIVE SILVER. Las herrerias Palaniares, Murcia, Spain.
  A pure cellular crystaline mass. An old label accompanies this specimen. 3xl2xl". £8.
- 82. Native Silver. Wheal Duchy, Callington, Cornwall. A vial of loose wiry masses, some wires being curled and thick and others being extremely delicate and fine. £4.
- 83. SMALTITE. Wheal Sparnon, Redruth, Cornwall. Dark silvery grey masses with minor Quartz and pink coatings of Erythrite. Specimen A 2x2" £2; Specimen B 2x12 £1.25.
- 84. SMITHSONITE. Tsumeb, Otavi, S.W. Africa. Lustrous well formed semi-transparent creamy rhombic crystals completely covering a greyish matrix. 3½xl½". £6.
- 85. SPHALERITE. Capleclough Mine, Nenthead, Cumberland. An unusual stalactitic shaped specimen, consisting of bright black Sphalerite crystals, with one side being encrusted with small clear doubly terminated Quartz crystals, which is overlain with a crust of light brown saddle-shaped Dolomite, this in turn having creamy, sharp, Calcite crystals implanted on it. Stalactite is 4" long and 12" across the base. £4.
- 86. SPHALERITE. Capleclough Mine, Nenthead, Cumberland. Brilliant black sharp crystals richly encrusting both sides of a thin Quartz plate. 2x2". £2.
- 87. SPHALERITE. Picos de Europa, Santander, Spain. Oily yellow cleaved transparent mass of "gemmy" Sphalerite with whitish crusts of Hydrozincite in association. 12x12. £1.
- 88. STANNITE. East Pool Mine, Illogan, Cornwall. Tarnished mass with minor Chalcopyrite and Arsenopyrite. 2x1". 80p.
- 89. TELLURIDE ORE. Logan Mine, Boulder County, Colorado, U.S.A.
  A very rich specimen of mixed Tellurides, consisting
  mainly of Sylvanite, Hessite, and Petzite disseminated
  in dark Quartzose rock. One side of the specimen has
  been cut and polished. 2½xl½". £4.
- 90. TFALLITE. Poopo, Oruro, Bolivia. Pure bright grey platy crystaline mass. 12x1". £7.
- 91. TETRAHEDRITE. Pontgibaud, Puy-de-Dome, France. An extremely large brilliant grey sharp tetrahedral crystal with 1" faces associated with crystalised Galena and Sphalerite on Quartz-Sulphide matrix. The crystal shows minor damage, but is still very fine. 3x3". £10.

- 92. TETRAHEDRITE. Pontgibaud, Puy-de-Dome, France. An almost perfect very large sharp grey tetrahedral single crystal with  $l_2^{1}$ " face edges. £5.
- 93. TETRAHEDRITE. Crinnis Mine, Carlyon Bay, St. Austell, Cornwall. A group of bright grey intergrown crystals with minor Chalcopyrite and Quartz. 14x2". £2.
- 94. TIN INGOT. Malaca, Strait Settlements. An old sample bar of pure tin shaped as a small ingot, and with a faint inscription on its base giving the location.

  4x1x1" high. £2.
- 95. TYROLITE. Mammoth Mine, Tintic District, Utah, U.S.A.

  Pale emerald green radiated platy crystals encrusting joints in rock. 12x3.". £1.
- 96. VANADINITE. San Carlos, Chihuahua, Mexico. Pale brown to greenish skeletal hexagonal crystals richly encrusting gossan matrix with minor rhombic Calcite.  $2xl_2^{\frac{1}{2}}$ . £1.
- 97. META-ZEUNERITE. Cliff Lode, Wheal Edward, St. Just, Cornwall.
  Rich emerald green crystal aggregates encrusting Quartzose
  matrix. 3½x3"x2". £4.50.
- 98. ZINKENITE. Fargo Mine, Stevens County, Washington, U.S.A.
  Light grey metallic mass with minor Sphalerite in
  association. 2xl½". £2.
- 99. ARSENOPYRITE. New Rosewarne Mine, Gwinear, Cornwall. Bright silvery grey large doubly terminated crystals intergrown with minor milky Quartz crystals. 2x2". £6.
- 100. CH.LCOSIDERITE. Stowes Section, Phoenix Mine, Linkinhorne, Cornwall. Fine dark green aggregates of crystals richly encrusting cavities in cellular gossan. 3xl2". £6.
- 101. NATIVE COPPER. Wheal Unity, Gwennap, Cornwall. An excellent old specimen consisting of a large branching mass of crystalised dendritic Copper, with a slight greenish tarnish, sprayed round and enveloping large fragments of Quartz porphry. 6½x4x1". £18.
- 102. PHARMACOSIDERITE. Wheal Gorland, St. Day, Cornwall. Very choice bright green sharp cubic crystals completely encrusting limonitic gossam matrix. 2xl2". £7.
- 103. SPHALERITE. Great Wheal Baddern, Kea, Cornwall. Large bright black crystals intergrown with minor Quartz on Pyrite matrix. 2½x1½". £4.