

Notes:

M.J.MINERALS.



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List 16. June 1997.

Dear Friends and Acquaintances,

As you can see from the address, I have finally managed to get up to the Yorkshire Dales.

I moved in at the end of March and am still sorting out boxes, mainly stock from the shop. The minerals are all sorted out in their new home, a large garage; in fact they are better organised than the rest of the house!

This is a much smaller list than usual, because I wanted to reach everyone as soon as possible with my new address. I have unearthed 2 more tomato boxes which had not seen the light of day, so there are mostly new specimens in the list and a few extra to fill in spaces.

The usual plea, please make cheques payable to: Mrs M.A.Johnson. Please 'Phone in orders whenever possible, it saves disappointment. Items are sent on receipt of payment, unless otherwise agreed. There is a charge of 25p per item towards postage and packing costs. Items marked \* are much heavier, so we will come to an arrangement about them.

Money will be refunded if goods are returned in the condition in which they were sent, within 7 days. Again, I shall have to put a limit on the number of items sent on approval, particularly as it is a much shorter list this time.

For those of you who are near enough to me to be able to collect any specimens, the kettle will be on! You are also welcome to look at my vast stock which has never been in any of the lists yet. Now that I don't have a shop to worry about, you can visit anytime, but let me know beforehand as I'm often out to lunch at various luncheon clubs organised for senior citizens!

Best wishes,  
Margaret.

- Item no.
1. Adamite.(Choice Crystalline). Mina Ojuela, Mapimi, Durango, Mexico. 4 specimens. All have pale cream-lemon tiny shiny hexagonal columnar xtls over a mid-brown "sandy" matrix. a). Little matrix as central core. 44x40x19mm. £7.00. b). Thin layer of matrix with equally thin black nodular layer (Psilomelane?) 45x26x15mm. £6.00. Matrix has natural flat base, and forms a cave which has slightly larger Adamite xtls in it. Displays well. 31x29x20mm. £5.00. d). More matrix, less but larger more lime-yellow xtls. Wedge shaped. 40x30x19mm, tapering. £4.00.
  2. Almandine/Topaz. (in Rhyolite). Thomas Mts, Utah U.S.A. Boxed. Original label says Andradite. Light grey pumice-like matrix has one single deep red-brown part embedded xtl of Garnet 11x10x4mm visible. Tiny granular medium grey xtls (Topaz?) embedded throughout the matrix. 43x21x21mm. tapering. £8.00.
  3. Almandine(Garnet). Unlocated. Dozens of deep red dodecahedral xtls up to 9x9x7mm. embedded throughout the (Quartzite?) matrix, which is wedge-shaped. 54x53x34mm. £6.00.
  4. Amethyst. Rio Grande de Sol?, Brazil. Deep purple hexagonal semi-transparent tips forming a compact mass on very thin layer of matrix. Lovely colour. 75x53x16mm. £4.50.
  5. Amethyst. Wheal Unity, Illogan, Cornwall. 2 specimens. Both have almost clear to pale lilac hexagonal xtls of Amethyst set into part of the matrix, which is vaguely 'mouth' shaped. a). 64x63x30mm. tapering. £5.00. b). 65x43x40mm. £4.00.
  6. Anatase. Alpine, Switzerland. Boxed. Tiny 1.5mm long pyramidal xtl shiny grey-black in colour, set into cream-grey matrix. 18x15x10mm. £2.50.
  7. \*Apophyllite/Chabazite. Larne, Co.Antrim, N.Ireland. 'Craters' of various sizes cover surface of heavy dull grey matrix, all of which are infilled with small shiny milky-white xtls of Chabazite. The largest 'Crater' is lined with Chabazite xtls, and has several milky-white larger polygonal xtls of Apophyllite. 60x60x50mm. 7.50.
  8. Aurichalcite. 79' Mine, Gila County, Arizona, U.S.A. 2 specimens. a). with Malachite. Surface of deep brown sandy matrix, almost completely covered with tiny emerald-green 'furry' nodules, made up of minute hair-like xtls of Malachite, with several tiny blue-green nodular xtls of Aurichalcite. Attractive colouring. 48x43x20mm. £8.00. b). Lighter matrix with top surface partly covered with small blue-green nodular xtls which have a 'plush' appearance. 60x35x19mm. max. £5.00.
  9. Axinite. Botallackite Cliffs, St.Just, W.Cornwall. 8 specimens. All have shiny, translucent grey-brown tabular xtls of Axinite set into surface of matrix. a). V-shaped matrix 75x55x44mm. £6.00. b). largest xtl 18mm. long. 62x55x23mm, tapering, £5.00. c). Smaller, shinier xtls. 73x43x23mm. £4.00. d). xtls set deeper into matrix. Natural flat base, displays well. 60x43x35mm, tapering, £4.00. e). Natural base. 57x45x30mm. £4.00. f). Xtls mainly on top surface, flat base, 57x25x30mm. £3.50. g). Larger xtls, set into depression, displays well. 55x40x45mm. £3.00. h). Less, smaller xtls. 70x40x30mm. £3.00.
  10. \*Azurite. a). Cape Garonne, France. Deep royal blue granular covering of Azurite over most of surface of matrix, with a dusty coating of Malachite on parts of Azurite. Quite attractive. 90x41x49mm. £9.50. b). Tynaugh Copper Mines, Ireland. H.Mayes coll'n. Deep royal blue granular xtls of Azurite in one corner of surface. Veins of Azurite and Malachite crossing the wedge-shaped matrix. 70x45x50mm. £6.50.

- Item no.
89. \*Tennantite/Dolomite(& Quartz). Tsumcorp Mine, Otavi, Namibia. Triangular shaped fairly heavy dark grey matrix with dull dark grey to black 'outcrops' which contain thin black hair-like xtls. A few creamy clusters of integrated Dolomite xtls and clear to milky-white hexagonal prismatic Quartz xtls. Iridescence on base. 86x70x46mm. tapering. £15.50.
  90. Tourmaline in Quartz. Brazil. Compact mass of clear to grey Quartz with mid to very dark green columnar xtls of Tourmaline partially embedded. Largest is 27x7x7mm. All are translucent and have longitudinal striations. 54x46x27mm. £6.00.
  91. Troctolite(Troutstone). Unlocated. A light and dark grey mottled mass which contains very tiny flecks of both Pyrite and Mica. 47x42x32mm. £3.00.
  92. Vanadenite. Old Yuma Mine, Arizona, U.S.A. Matrix which resembles fossilized wood in colour has most of its surface covered with small shiny translucent mid to deep orange short columnar xtls of Vanadenite. Beautiful colour and displays well on natural flat base. 50x37x26mm. £7.00.
  93. Variscite(Rare xtls). Highdown Quarry, Filleigh, Nr.Barnstable, Devon. Grey-brown layered slate-like matrix with single tiny grey-green nodular xtls, most being under 1mm., scattered all over the top surface. 67x35x22mm. £6.25.
  94. Wavellite. Highdown Quarry, Filleigh, Nr.Barnstable, Devon. Pale grey layered slate matrix, triangular in shape, covered on all 3 sides with mainly 'open' nodules of Wavellite. These are very pale green with fine needle-like xtls forming fan-shaped sprays and half-spheroids. Largest formation is 11mm. wide. Displays very well on shortest side. 96x60x23mm. £5.50.
  95. \*Weeksite/Carnotite. Anderson Mine, Yavapai County, Arizona, U.S.A. Off-white fairly heavy matrix with black moss-like covering on part of surface. Main surface and part of one side have a mixture of pale canary-yellow and deeper yellowy-orange tiny granular xtls but I don't know which is which mineral. Please can someone sort it out for me. 74x61x40mm. £14.00.
  96. \*\*Wolframite/Arsenopyrite. Wheal Tolgus, Illogan, Cornwall. Very heavy black mass of Wolframite, layered, resembling coal to look at, has a thick insertion, almost V-shaped, of dull brassy-grey Arsenopyrite, with no crystal structure. Parts of the Wolframite have a stepped appearance, with a vitreous sheen. 50x50x38mm. £7.00.
  97. Wulfenite. Kamereza, Laurium, Attica, Greece. Light lava-like orange to dark brown mass of matrix with shiny yellow translucent thin square plate-like xtls of Wulfenite, some as singles, some with smaller squares growing from them. Largest xtl is 3x3x.5mm. The xtls show up very well against the dark matrix, which is a bit brittle. 70x46x35mm. £5.00.

- Item no.
81. \*Siderite/Galena( & Barytes). Nenthead, Cumbria. Very heavy matrix, which is covered with a thick layer of orange-brown lenticular Siderite - the plate like xtls being quite small. The Siderite is partly covered by small dullish-grey integrated cubic xtls of Galena. There are several clusters of milky-white interjoined tabular xtls of Barytes. 78x55x30mm. tapering. £5.50.
82. \*\*Smithsonite. Berg Awkas, Otavi, Namibia. Ex Fisk coll'n. Orange-brown sand-like matrix is layered with small Smithsonite xtls, partly embedded. The top of the specimen is completely covered with clear to cream translucent rhombic xtls of Smithsonite, all interjoined. Quite spectacular, displays well. 115x82x48mm. £28.00.
83. Specularite. Florence Mine, Beckermat, Cumbria. 2 specimens. Each has a solid mass of reddish-brown Hematite. a). \* Has 2 large patches of tiny black sparkling xtls of Specularite, with clear to reddish-tinged small prismatic Quartz xtls on the larger patch. Displays well. 60x40x31mm. £5.25. b). Depression on corner of specimen is partly filled with tiny shiny black plate-like xtls of Specularite and partly with clear prismatic tips of Quartz xtls. 60x36x22mm. tapering. £3.00.
84. \*Specularite/Dolomite(& Hematite). Florence Mine, Beckermat, Cumbria. 2 specimens. a). Thick wedge-shaped matrix of Hematite, with large depression in top surface. This is filled with small shiny black thin plate-like xtls of Specularite clustered together, and cream-beige saddle-shaped interlocked xtls of Dolomite. Smaller patches of both Specularite and Dolomite scattered throughout the Hematite. Heavy, displays well, and quite attractive. 90x42x37mm. £8.00. b). Almost saddle-shaped base of Hematite with granular shiny black Specularite covering much of underneath part. Top surface is covered with small creamy pink saddle-shaped xtls of Dolomite which have minute shiny black plate-like xtls of Specularite scattered all over them. 48x44x23mm. £6.00.
85. Specularite/Quartz/Hematite. Florence Mine, Beckermat, Cumbria. The Hematite base looks like 1/2 of a tortoise-shell. This is completely covered with a thin layer of tiny shiny plate-like xtls of Specularite and tiny reddish-brown tips of Quartz xtls. When turned over (to the top of the specimen) the 'shell' is completely filled with a layer of Specularite on which there is a large cluster of small white-pink prismatic Quartz xtls and a few larger clear to reddish-brown ones. Attractive and will stand up to display both back and front. 56x55x30mm. tapering. £7.00.
86. Stilbite. Fundy Bay, Nova Scotia, Canada. A thin flat layer of matrix is thickly covered with cream thin tabular xtls forming 'bundles' of Stilbite which have a vitreous sheen to them. Slight bruising. Displays well. 78x62x20mm. max. £8.00.
87. Sturmanite. N'Chwaning Mine, North Cape. R.S.Africa. Sandy coloured matrix with a thick topping of shiny yellow-brown (like Tiger Eye colouring), flattened hexagonal xtls forming a compact mass. 40x27x25mm. tapering. £7.00.
88. \*\*Tennantite/Bornite. Pre 1852 Gwennap, Cornwall. Ex Bissoe Office M.G.Weller coll'n label with it. Very heavy solid dark dull grey mass, with a rather nodular surface. Vugs contain shinier nodules. Some iridescence on top and sides. To my eyes a dull lump, but its history may appeal to someone! 112x93x30mm. £30.00.

- Item no.
11. ~~##~~Barytes (Daisy Spar). Moss Rake, Castleton, Derbyshire. Very heavy cream coloured matrix with off-white radiating 'petals', of Barytes, set into top and bottom surface. Small salmon-pink plate-like xtls and patches throughout the matrix. Displays well, on a stand. 100x71x30mm. £10.00.
12. Bayldonite. Wheal Carpenter, Gwinear, Cornwall. 4 specimens. All have a thin granular layer of 'malachite' green and blue-green Bayldonite covering part of surface of matrix. a). Quartz matrix with hexagonal milky-white columnar xtls. 69x50x30mm. £6.00. b). On Quartz. 55x45x28mm. £3.50. c). Quartz matrix. 45x40x25mm. £2.95. d). 43x38x29mm. £2.00.
13. Bornite/Specularite. Geevor Mine, Pendeen, Cornwall. 2 specimens. Both are a compact shiny grey-black mass, with dull grey-green powdery-looking patches. Some iridescence. a). \* Has bright brassy-yellow patches of Chalcopryite, and a molten appearance in parts. Quite heavy. 70x40x36mm. £8.00. b). Again, has a molten appearance. 45x36x31mm. £3.00.
14. Brewsterite. Correntree Mine, Strontian, Argyllshire, Scotland. 4 specimens. Each has creamy-white translucent cubic xtls all interlocked, rather like Iceland Spar. a). Brewsterite at one end of matrix which has veins and small vugs infilled with dull cream xtls. 71x53x23mm. £3.95. b). More xtls, thin matrix. 45x40x20mm. £2.95. c). Wedge-shaped, xtls on top surface, and layers of xtls in wide veins throughout. 38x22x40mm. £2.95. d). Very thin layer of matrix, covered with xtls. 43x42x13mm. £2.00.
15. Eustamite. Meldon (B.R.) Quarry, Nr. Okehampton, Devon. 3 specimens. Each is a compact mixture of pinkish-brown fibre-like xtls forming sprays and grey-brown matrix with dark grey veins. a). 77x33x33mm. £4.50. b). Thin crack across one corner. 45x35x32mm. £3.50. c). 50x40x32mm. £3.50.
16. Calcite (Choice Group). Pala Flats Mine, 19th.C. Bigrigg, Cumbria. Ex Jago coll'n. Very thin layer of pinkish-brown matrix which gives a very pale pink tinge to the lower clear shiny trigonal xtls of Calcite which are in 3 large clusters, completely covering the matrix. Very attractive and displays well. 85x67x40mm. £25.00.
17. \*\*Scalenahedral Calcite. Monsol Dale, Derbyshire. A large very heavy cluster of honey-brown scalenahedral xtls of Calcite on thin layers of matrix which join each other at angles, making it resemble a modern sculpture. Can't be described as attractive, but very interesting shape. Displays well. 103x78x90mm. £11.50.
18. Green Calcite. Mexico. A 'slab' of Calcite, no xtls structure, but internal lines show cubic form. Colour varies from greenish-yellow to apple-green in bands. 65x36x28mm. £4.50.
19. \*\*Calcite. Ladywash Mine, Eyam, Derbyshire. One large semitransparent cream-honey brown scalenahedral xtl, which has serrations on 2 surfaces. Other surfaces show the rhombic formation, with mica-like appearance. The pattern formed by the internal lines makes it resemble an interlocking puzzle. Heavy, with no matrix. 100x65x51mm, tapering. £9.00.
20. Calcite/Quartz (Minor Chlorite). Coronation Lode, Geevor Mine, Pendeen, Cornwall. A bed of Quartz intermingles with reddish-brown matrix which gives a pale pink tinge to the Quartz tips. There are thin plate-like lenticular xtls of Calcite which form clusters throughout the specimen. Very fine blackish granules of Chlorite are scattered over the top surface. Wedge-shaped. Quite attractive. 55x42x29mm. £5.00.
21. Hematitic Calcite. Weardale, Co Durham. Ex Sykes coll'n. A reddish-

- Item no.
21. cont. ...brown thin layer of matrix covered with trigonal columnar xtls of Calcite up to 1mm. long, which are clear at base and graduate to reddish-brown at the tips. Very slight bruising. Displays well, and quite attractive. 77x53x22mm. tapering. £10.00.
22. \*Cassiterite. 19thC. Wheal Buller, Illogan, Cornwall. Small shiny black pyramidal xtls of Cassiterite set into vugs throughout the heavy dark grey matrix. Displays well on natural base. 55x55x30mm. £7.00.
23. Celestite. Yate Pit, Gloucestershire. Very brittle. Complete circular mass of shiny very pale ice-blue, thin tabular xtls of Celestite, all interjoined. No matrix. 55x50x40mm. £5.50.
24. \*Celestite/Sulphur(Fine xtls). Agrigento, Sicily, Italy. Base of matrix is almost completely covered with bright canary-yellow xtl'ine mass of Sulphur, with thick veins and 'outcrops'. The matrix has a very thick layer of bluish-grey to cream small bush-like clusters of Celestite. Each bush is made up of tiny inter-grated tabular/needle-like xtls. Displays quite well. 92x70x42mm. £26.00.
25. Cerussite(Jack Straw). Pentire Glaze Mine, St Minver, N.Cornwall. Triangular sand-like matrix with central grey core has tiny and up to 10mm long clear to creamy-beige columnar xtls resembling pieces of straw, 'stuck' into the matrix. Lighter coloured xtls are translucent. Brittle. Displays well on natural base. 60x40x45mm£5.00
26. Chabazite(var.Phaco{ite}). Tasmania, Australia. Ex Barstow. Grey pumice-like matrix with many vugs/depressions. All vugs have a lining of creamy white xtls, the larger vugs have creamy-white translucent interjoined cubic xtls up to 3mm.sq. filling them. One large vug has very well-defined xtls. 65x51x37mm. £7.50.
27. \*\*Colemanite. Borax Pit Quarry, Boron, California, U.S.A. A matrix-free crystalline mass. Individual xtls range from clear to semi-transparent white to pale cream. Xtls are all interjoined, some of thick tabular shape, but much of xtl structure is indistinct. Whole mass is translucent and has a soapy feel to it. Top surface has a V indentation which is covered with a mass of smaller inter-grated and granular xtls. Amazing-looking piece, very heavy. Displays well. 120x99x40mm. £25.00.
28. Copper Growth(post mining). Keweenaw Penn, Michigan, U.S.A. Looks like copper-brown coral! Some parts look nodular, other bits shoot up like open sea-anemones. Colour ranges from very bright copper to almost burgundy. Weird, but interesting. 45x33x22mm£7.00.
29. Native Copper. 19thC. Gwennap, Cornwall. Small heavy piece. Matrix contains Quartz, and a small amount of Malachite, also some Cup-rite. Both dull and shiny nodular and ill-formed growths of Copper cover the surface. 47x35x32mm. £4.00.
30. Datolite. Park Bean Cove, Lizard, Cornwall. 2 specimens. Grey layered matrix with wide veins of milky white polygonal inter-joined xtls, which are translucent. Some xtls appear part lozenge-shaped. a). 53x38x28mm. £6.00. b). Displays well. 41x25x34mm£5.00.
31. Dioptase. Tsumcorp Mine. Otavi, Namibia. 2 specimens, both boxed. a). Thin inner layer of matrix covered on most sides with small sparkling translucent emerald green xtls, all interjoined. Attractive. 29x21x18mm. £4.50. b). Translucent emerald green xtls forming a compact mass, with small clear shiny rhombic Calcite xtls at one end. No matrix. Very attractive colour combination. 29x29x22mm. £4.50.

- Item no.
70. \*Pyromorphite. Wheatly Mine, Phoenixville, Pennsylvania, U.S.A. Compact mass of milky-white Quartz has a partial covering of apple-green granular xtls of Pyromorphite set mainly in a depression with small crust-like layers of the Pyromorphite scattered over the matrix. 64x52x47mm. £9.50.
71. \*\*Quartz/Blende/Pyrite. Huaron Mine, Peru. A small amount of matrix is covered with milky-white hexagonal prismatic Quartz xtls up to 20mm. long, forming a thick wedge-shaped mass, looks like a spiky white hedgehog!. Several small intergrated xtls of shiny grey Sphalerite are amongst the Quartz xtls. Bright golden Pyrite is embedded in the base and sides. Slight bruising, possibly brittle. Attractive piece, displays very well. 105x70x70mm. £16.50.
72. \*Ferruginous Quartz(& Pyrite). Wheal Jane Mine, Kea, Cornwall. Thick compact mass of milky-white Quartz has exposed prismatic tips, some clear and others reddish-brown, between a thick layer of rather dull, vaguely cubic, xtls of Pyrite which cover the top surface. Larger Pyrite xtls are a brighter 'gold', mainly round the edges of the specimen. Quite heavy, displays well. 70x53x35mm. £7.00.
73. \*Quartz/Chalcopyrite. Unlocated, Cornwall. Wedge-shaped matrix. Partly a compact mass of Quartz, with shiny clear hexagonal prismatic xtls in clusters throughout the specimen. Rather dull patches of Chalcopyrite on top surface, much brighter brassy-coloured encrustations and embedded xtls on base. 75x70x30mm. £6.00.
74. \*Realgar. Hunan, China. Heavy light grey matrix with patches of lead grey Antimonite embedded. The surface is covered with an encrustation, (red-orange and a bit of purple) of Realgar. Tiny needle-like xtls form small sprays on the encrusted layer. 75x50x40mm. £6.50.
75. Silicified Riebeckite(Tiger Eye). R.S.Africa. 3 specimens. All have a fibrous structure of gold and greyish-blue stripes with zonal contortions pushing the colours about to form wavy patterns. All have a layer which resembles the hard inner lining of a coconut! a). \*Heavy. 101x58x34mm. £7.50. b). \*Heavy. 94x73x36mm tapering. £6.50. c). 71x59x21mm. max. £4.00.
76. Rose Quartz(Crystalline). Sapauca Pegmatite, Brazil. Label mentions Eosphorite. Boxed. Pale mauve-pink compact mass with vaguely tabular shaped xtls around a small depression. Tiny black specks of Sphalerite scattered over part of surface. Reference book states Eosphorite as being pink also, so which bit is which I can't tell! 35x31x14mm. tapering. £7.50.
77. Rutile/Alpine Quartz. Uri, Switzerland. Clear shiny transparent hexagonal xtls of Quartz on a mainly Quartz base, 39x16x14mm. is the largest xtl which has an inclusion of grey-brown solid-looking Rutile. Displays quite well. 67x48x45mm. tapering. £8.00.
78. Saponite. Ballyclare, Co Antrim, N. Ireland. Coll'n number on base, possibly Henry Foy. Basalt matrix with numerous 'pockets' infilled with compact Saponite, with half the specimen made up of a cream-grey mass, also Saponite. Small cluster of Quartz xtls at one end. 47x40x29mm. max. £4.00.
79. \*Scheelite. Carrock Mine, Caldbeck Fells, Cumbria. Green Barstow label with it. Quite heavy. Central core of milky-white crystalline Scheelite set into outer layer of beige-brown compact Scheelite, with tiny flakes of Mica embedded. 55x40x25mm. max. £6.00.
80. Frosted Selenite. Chihuahua, Mexico. A cream-beige mass of tiny plate-like xtls clustered to form 'roses' with white tips on some xtls. Whole is a bush-like shape. No matrix. 47x45x41mm. £3.00.

- Item no.
60. cont... b). 78x44x40mm. tapering. £6.00. c). Less Malachite showing. 60x35x47mm. tapering. £3.50.
61. Marmatite/Quartz (& Pyrite). Wheal Jane Mine, Kea, Cornwall. Wedge-shaped grey mottled matrix has top surface almost covered with shiny black tetrahedral xtls of Marmatite, mainly interjoined. Several small clusters of clear shiny Quartz xtls and a patch of dullish Pyrite are also on the main surface. There are more tiny flaky xtls of Pyrite on the base. Displays well and quite attractive. 70x53x25mm. tapering. £5.00.
62. Meta Variscite. Lucin, Box Elder County, Utah, U.S.A. Dealers label with it. Grey slate matrix with one surface covered with a thin apple-green tiny nodular encrustation with slightly larger mid-green nodules forming a thicker layer over part of it. 64x25x40mm. tapering. £5.00.
63. Millerite. Coedely Colliery, Llantrisant, Wales. Small label with it dated 7-3-76. Cup shaped dark brown layer of matrix with an infilling of compact Quartz. In this there are a few tiny gold needle-like xtls (singles) and one triangular/arrowhead formation of 7 or 8 longer xtls up to 6mm. 34x31x35mm. £4.00.
64. Molybdenite/Quartz. Everett Range, North Victoria Land, Antarctic. Boxed, with more information on base of box. Compact mass of milky-white Quartz with half spheroid-shaped silver grey molten-looking mass of Molybdenite embedded in centre, measuring 10x9mm. across. 36x29x21mm. £8.00.
65. Plumbogummite/Mimetite. Drygill Mine, Caldbeck fells, Cumbria. Matrix is a sandy brown mass almost covered with crystalline Quartz on which there is a very thin crusty orange-yellow layer of Plumbogummite, on which there is another crusty layer, dull dark brown (Mimetite?) with a small nodular patch on it. This layer has an edging of Kingfisher-blue all the way round. 79x35x30mm. tapering. £8.00.
66. Prehnite/Calcite. Patterson, New Jersey, U.S.A. M.G.Weller coll'n label with it. A flattish slab of grey-green slate-like matrix has a layer of pale mint-green globular xtls, each with a serrated appearance, and interspersed are clear transparent cubic xtls of Calcite. Very attractive colour combination, and displays very well. Some fluorescence, mainly the Calcite which becomes pale mauve. 103x43x30 max. £24.00.
67. \*Pyrite/Calcite. Quiruvilca Mine, Libertad Dept, Peru. Heavy gold-grey matrix is covered with shiny golden interjoined pentagonal-dodecahedral xtls of Pyrite amongst which are interspersed grey-white plate-like xtls of Lenticular Calcite, with a very thick layer of Calcite on the base of the specimen. 2 or 3 hairline cracks, mainly on corners, and one in the middle of the specimen. Quite attractive and displays well. 68x50x30mm. £9.00.
68. \*Pyrite. Quiruvilca Mine, Libertad Dept, Peru. No matrix. A bright golden mass of small xtls, some trigonal, some almost barrel-shaped and the rest so tightly packed that it's difficult to see what they are! Whole has almost a lava-like appearance, except for the weight! Will stand upright. 76x62x30mm. £9.50.
69. Pyrite (Minor Quartz). Quiruvilca Mine, Libertad Dept, Peru. Very similar appearance to specimen 68, but xtls are a bit larger and not quite so bright. Milky-white prismatic needle-like Quartz xtls fill some of the larger vugs. 47x35x29mm. £4.00.

- Item no.
32. Dioptase/Conichalcite. Tsumcorp Mine, Otavi, Namibia. Boxed. Central copper coloured core of matrix covered with an apple-green granular/nodular layer of Conichalcite which in turn is covered with interjoined rhombic/cubic emerald green xtls of Dioptase. Eye-catching specimen. 35x28x25mm. £10.00.
33. Dolomite. Egui, Navarre, Spain. Thin grey base of matrix with thicker compact white mass on top of which there is a thick layer of clear translucent rhombic xtls of Dolomite, looking rather like a jumble of building blocks. Very attractive and displays well. 70x60x37mm. £8.50.
34. Ettringite. N.Chwanning Mine, North Cape, R.S.Africa. 4 specimens. Each has hexagonal columnar 'acid' yellow xtls. a). Boxed. Minor core of matrix almost completely covered with xtls, largest is 10x5x4mm, very slight bruising, eye-catching little specimen. 31x25x25mm. £20.00. b). Boxed. One single large xtl, no matrix. Translucent, set into display box/foam. 18x12x12mm. £6.50. c). Smaller xtls embedded in top surface of dark lava-like matrix. Displays well. 38x28x15mm. £6.00. d). 3 large xtls and a few smaller ones on and in matrix (as c.). 47x35x20mm. £6.00.
35. Famatinite/Luzonite (Enargite/Pyrite). Chinkuashi Mine, Taipei, Taiwan, Republic of China. Russell Smith coll'n label with it. Wedge-shaped specimen with cut base and 2 sides. Metallic silver-grey with 'sunburst' rays across it. Embedded yellow Pyrite. Whole has a compressed look to it. Has several small vugs which have tiny xtls in them, which are not big enough to get a good look at. Amazing piece, not seen anything like it before. Displays well on cut base. 36x36x20mm. tapering. £5.00.
36. Fluorite. Frazers Hush, Rookhope, Co Durham. Fluoresces a rich royal blue. Wedge-shaped matrix has top surface completely covered with interlocking pale mauve cubic xtls of Fluorite up to 8mm. sq. Very slight bruising. Displays quite well on either of 2 flattish surfaces. 75x42x40mm. £5.00.
37. Fluorite (Marcasite inclusions). Masson Hill, Derbyshire. Thin layer of mainly Quartz matrix almost covered by clear to light grey transparent interlocking cubic xtls up to 20mm. sq. tiny grey-gold granular xtls of Marcasite are clearly visible in every cube. Some surfaces have a slight stepped appearance. Displays quite well. 75x60x25mm tapering. £6.00.
38. \*Fluorite. Smallcleugh Mine, Nenthead, Cumbria. Fluoresces very deep blue-purple. Matrix is triangular - resembles the road sign for steep hill! The largest surface is covered with clear to very pale lilac transparent cubic xtls, all interlocking, and some with inner cubes showing. Tiny granules of brassy yellow Pyrite are scattered throughout the Fluorite. Quite heavy. Displays very well. 100x72x43mm. tapering. £18.00.
39. \*Fluorite. Heights Mine. Weardale, Co Durham. Matrix has small cubic xtls on base, mostly clear. Top surface is covered with both small and large cubic xtls, all interlocked, which are clear to pale mauve. Many have internal cubes visible. Largest xtl is 16x16mm. sq. Fluoresces a deep blue-purple. Quite heavy. Displays well. 103x83x37mm. £12.00.
40. \*\*Fluorite. Unlocated, 19thC. British. Has small reference no. E15 painted in it. Very heavy. No matrix, just a solid mass of interlocking stepped mauve xtls up to 33mm. sq. which have a sandy-coloured powdery coating over them. Fluoresces to deep blue-mauve. Very slight bruising. Displays very well. 114x101x37mm. £10.00.

- Item no.
41. Fluorite(Blue John). Old Tor Mine, Castleton, Derbyshire.No matrix. Base starts off as a very deep blue, then goes to a clear/yellow layer, then more deep blue and clear layers, typically Blue John. The top is almost completely covered with very dark blue interlocking xtls of Fluorite, some with a stepped appearance. Largest is 14mm. wide. 49x43x50mm. £8.00.
  42. \*Francolite(in Breccia). Clitters Mine, Gunnislake, E.Cornwall. Reddish-brown wedge-shaped matrix has inserts of creamy white Francolite, which looks like light coloured black pudding! Small vugs have tiny sparkling reddish-brown xtls and there are small patches of brassy Chalcopryrite. Displays well. 84x38x37mm. £5.50.
  43. Gypsum(Desert Rose). Algeria. 4 specimens. All have very good formation of 'rose' shaped xtls in a fawn to light brown colour. All display well. a). 63x50x47mm. £6.50. b). 70x68x50mm. £6.00. c). 70x55x52mm. £5.00. d). 73x50x40mm. £4.00.
  44. Goethite(var. Lepidochrosite). Penhale Mine, Perranzabuloe, Cornwall. Dark orange to dark brown mixture with central large depression which has a lining of chocolate-brown nodules of Goethite. Interesting surface. 85x52x25mm. £6.00.
  45. \*\*Hematite(Minor Specularite). Millam, Cumbria. Very heavy, reddish brown nodular mass of 'kidney' Hematite, with 22x25mm depression filled with sparkling black tiny thin plates of Specularite. 72x60x64mm. £10.00.
  46. Hemimorphite/Aurichalcite. Golconda Mine, Brassington, Derbyshire. 3 specimens. All have very tiny brown thin tabular xtls, forming tiny clusters, on both the surface and set into depressions. Blue-green tiny needle-like xtls of Aurichalcite form radiating sprays over part of surface of thick matrix. a). \*Heavy. 78x57x33mm. £7.25. b). More Aurichalcite on base. 63x44x37mm. £5.50. c). Aurichalcite over much of surface. 60x50x35mm. £4.00.
  47. \*\*Jamesonite/Rhodochrosite(Quartz/Sphalerite/Pyrite). Trepca, Yugoslavia. Ex Fisk coll'n, Dealers label with it. Very large, very heavy piece, might be better for collection! The matrix has rather lava-like appearance, as if it has bubbled up and then solidified. The whole surface of the specimen is covered with fine mid-grey hair-like xtls of Jamesonite. There are very pale pink clusters of tiny Rhodochrosite xtls, and outspreading clusters of tiny milky-white Quartz xtls. There are shiny black cube-shaped and trigonal xtls of Sphalerite throughout the vuggy surface, and bright yellow clusters of Pyrite xtls. The matrix is wedge-shape and the larger part of it is a dense mass of Chalcopryrite. Very attractive and displays well. Weighs over 4 lbs. 180x95x66mm£40.00.
  48. Jamesonite/Bindheimite. Bounds Cliff, St.Endellion, N.Cornwall. A crystalline mass with silver-grey spray-like features, and dull grey patches set into milky-white matrix which has an orange-brown tinge. 65x40x30mm. £3.00.
  49. Kammererite. Kop Chrome Mine, Erzican, Turkey. Boxed. Half of matrix is covered by a thin crust-like layer of tiny integrated very deep lavender/lilac xtls of Kammererite. Larger flat layer of xtls on base. Very attractive colour. Xtls appear dull until light shines through them. 30x25x15mm. tapering. £6.00.
  50. Kyanite/Almandine/Biotite. British Colombia, Canada. A brown-grey shiny micaceous mass of Biotite, with pale blue thin columnar xtls up to 20mm.long partly embedded in the matrix. Also a number of deep pink-red single xtls of Garnet partly embedded. A bit brittle. 98x44x25mm. £6.50.

- Item no.
51. Langite/Schwazite (& Barytes.). Silver Mine, Nr St. Gertrudi, Schwaz, Tyrol. Austria. Triangular upstanding matrix of Quartz has a blue-green thin encrustation of Langite over all 3 surfaces. This gives the specimen a faint green-blue tinge throughout. Dark grey to black Schwazite is embedded in the Quartz and there is a small patch of translucent white Barytes xtls on one surface. Displays very well. 40x38x33mm. £4.00.
  52. \*Lepidolite xtls. Varutiask, Sweden. Grey-brown-mauve translucent hexagonal columnar xtls of Lepidolite, up to 15x14x7mm. visible, are set into much of surface of fairly heavy Pegmatite matrix. 75x60x36mm. £9.00.
  53. \*Lepidolite(Mica). Minas Gerais, Brazil. H.Mayes coll'n. A compact crystalline mass of shiny silver grey to very pale mauve scaly Lepidolite forming most of specimen. Quartz makes up the rest. Base has a 'fish scale' appearance. Heavy. 67x62x30mm. £6.00.
  54. Libethenite. Gunheath Pit, Bugle, Cornwall. A thin granular encrustation, bluish-green in colour, of Libethenite, covers part of matrix which is black and sandy brown in parts and has a lot of tiny scales of Mica. 55x53x25mm. £3.75.
  55. Linarite/Cerussite (& Bayldonite). Wheal Carpenter, Gwinear, Cornwall. On a flat layer of Quartz there is a bright blue encrustation, in small patches, of Linarite. The 'malachite-green' Bayldonite forms a thin crusty layer over much of the Quartz. There are smoky-grey semitransparent pyramidal tipped xtls of Cerussite on the top surface. There is also a blue-green powdery deposit, of Chrysocolla, on the top surface. Quite colourful and displays well. 39x27x25mm. tapering. £3.00.
  56. \*\*Magnetite. Brosso Mine, Piedmont, Italy. Triangular hematite-like matrix has large sloping side covered with small shiny black interjoined octahedral xtls of Magnetite on a granular layer of xtls, also Magnetite. Heavy, Displays quite well. 110x55x38mm. tapering. £12.00.
  57. Malachite. Mapimi, Durango, Mexico. Copper-brown vuggy matrix is almost completely covered with a thin xtl'ine layer and small shiny dark green nodular xtls of Malachite. Displays well. 80x37x40mm. £7.00.
  58. Malachite. Wheal Phoenix, Lihkinghorne, E.Cornwall. Quite heavy matrix (Pegmatite?). has most of surface covered with a pale to mid bluey-green encrustation of Malachite. The layer is quite thick in parts, resembles a heavy spreading of oil paint. 71x58x38mm£8.00.
  59. \*Malachite/Chalcedony. Copper Queen Mine, Bisbee, Arizona, U.S.A. American Classic on card. Matrix free. Two layers of combined Malachite and Chrysocolla have an infilling of creamy-white nodular Chalcedony on the inside of both layers. Holding these together is a thick layer of deep green 'plush' Malachite. One end of the 'sandwich' is solid, the other opens to show small clusters of creamy white tiny needle-like xtls of Calcite on the Chalcedony. The colour combination is superb, and it displays very well. Has to be my favourite this time. 112x42x45mm. £20.00.
  60. Malachite(curved Prismatic) Azurite/Djurleite. Cannington Park Quarry, Bridgewater, Somerset. 3 specimens. All have a creamy-grey vuggy matrix in which there are royal blue granular xtls of Azurite. The Malachite is in small curved hair-like xtls, resembling a thin mesh, in several small clusters over the matrix. There are also pieces of what most resembles a blue-green piece of cotton thread. Several vugs contain a black powdery deposit of Djurleite. a). \*Heavy. 93x60x47mm. tapering. £10.00. cont...