



THE RUSSELL SOCIETY

Journal of the Russell Society

Contents for Vol. 1, No. 1 (1982) to Vol. 12, (2009)

JOURNAL OF THE RUSSELL SOCIETY

VOLUME 1, PART 1 (1982)

Editorial: R.J. King.

Articles and Notes

- Baryte and other minerals from the Isle of Sheppey, Kent. P.K. Monk. (1982), **1-1**, 5-7.
- Metal mines of the British Isles No. 1 - Dylife. N.J.M. Moreton. (1982), **1-1**, 8.
- A new occurrence of scarbroite in Britain. R.J. King. (1982), **1-1**, 9-18.
- A new find of nickeloan hydrozincite in Parc Mine, North Wales. R.E. Bevins, P. O'Brien, S. Turgoose and P.A. Williams. (1982), **1-1**, 19-21.
- The content of rare earth elements in English fluorites: A preliminary study. R.A. Howie, E. Pegram and J.N. Walsh. (1982), **1-1**, 22-25.
- The mineralogy of Fall Hill Quarry, Ashover, Derbyshire. M.E. Smith. (1982), **1-1**, 26-32.
- An occurrence of nickel minerals in the Hilton Mine, Scordale, Cumbria. T.F. Bridges. (1982), **1-1**, 33-39.
- First British occurrence of cumengeite. A.C. Dean. (1982), **1-1**, 40-41.
- The care of minerals Section 1: The cleaning of minerals. R.J. King. (1982), **1-1**, 42-53.

VOLUME 1, PART 2 (1983)

Editorial: R.J. King.

Obituaries

- Richard Agabeg (A. Fisher). (1983), **1-2**, 4.
- Richard (Dick) W. Barstow (J.A. Jones). (1983), **1-2**, 4.
- Roger S. Harker (J.A. Jones). (1983), **1-2**, 5.

Articles and Notes

- Phosgenite and matlockite in Derbyshire (Part 1). T. Bridges and M.E. Smith. (1983), **1-2**, 7-15.
- On the occurrence of millerite at Ecton Hill, Staffordshire. R.E. Starkey. (1983), **1-2**, 16-18.
- An occurrence of annabergite in Smallcleugh Mine, Nenthead, Cumbria. T.F. Bridges. (1983), **1-2**, 18.
- A new locality for phosgenite. A.C. Dean. (1983), **1-2**, 19-20.
- Secondary silica in flint. P.K. Monk. (1983), **1-2**, 21-22.
- A new occurrence of aurichalcite and hemimorphite from Cornwall. D. Lloyd and R.W. Barstow. (1983), **1-2**, 23-24.
- A new locality for wulfenite on the Mendips. N.J. Eastwood. (1983), **1-2**, 25-26.
- The occurrence of galena in Leicestershire. R.J. King. (1983), **1-2**, 27-47.
- An occurrence of wulfenite, anglesite and native sulphur in the opencast above Ball Eye Quarry, Cromford, Derbyshire. T.F. Bridges. (1983), **1-2**, 48-51.
- Keeping radioactive minerals – some practical advice. R.P. Hicks. (1983), **1-2**, 52-53.
- The care of minerals, Section 2: The development of minerals. R.J. King. (1983), **1-2**, 54-77.

VOLUME 1, PART 3 (1985)

Editorial: R.J. King.

Articles and Notes

- A first occurrence of lauraontite in Wales. R.E. Bevins and J.M. Horak. (1985), **1-3**, 78-79.
- Langite and posnjakite from the Lake District. B. Young and E.W. Johnson. (1985), **1-3**, 80.
- Pyromorphite in the Northern Pennines. B. Young and E.W. Johnson. (1985), **1-3**, 81-82.

- Siegenite in clay-ironstone nodules from the South Wales Coalfield. R.E. Bevins and J.M. Horak. (1985), **1-3**, 83-85.
- A microcomputer based mineral identification package. L.R. Barton and A.V. Bromley. (1985), **1-3**, 86-91.
- Thenardite (Na₂SO₄), a mineral new to Britain, from Sussex and Cumbria. B.R. Young, B. Young and A.T. Raine. (1985), **1-3**, 92-93.
- The care of minerals. Section 3A: The curation of minerals. R.J. King. (1985), **1-3**, 94-113.

VOLUME 1, PART 4 (1986)

Editorial: R.J. King.

Obituary: John P. Fuller (R.E. Starkey). (1986), **1-4**, 113.

Articles and Notes

- The mines and minerals of Newent, Gloucestershire. D.E. Bick. (1986), **1-4**, 114-118.
- Cyanotrichite from Cornwall. R.E. Starkey. (1986), **1-4**, 119-120.
- An occurrence of carbonate-cyanotrichite from Devon. R.E. Starkey. (1986), **1-4**, 121-122.
- Devilline and other minerals from Wheal Friendship, Mary Tavy, Devon, U.K. M.F. Brooke. (1986), **1-4**, 123-124.
- A new British locality for beudantite: Clevedon, Avon. R.E. Starkey. (1986), **1-4**, 125-126.
- The first British occurrence of cyrilovite and a second British locality for chalcocyanite. F. Ince. (1986), **1-4**, 127-128.
- The care of minerals: Section 3B: The curation of minerals. R.J. King. (1986), **1-4**, 129-148.

Contents List for Volume 1 (1982-1986). (1986), **1-4**, 149-168.

VOLUME 2, PART 1 (1988)

Editorial: R.E. Bevins.

Articles and Notes

- Strontianite from near Yate (Avon). J. Faithfull. (1988), **2-1**, 1-3.
- Millerite from the Cumbrian Coalfield. B. Young and P.M.A. Nancarrow. (1988), **2-1**, 5-7.
- Alumohydrocalcite from Scarborough, North Yorkshire, and Weston Favell, Northamptonshire. G. Ryback. (1988), **2-1**, 9-12.
- Copper(II) phosphate minerals from the Miguel Vacas Mine, Alentejo, Portugal. M.C.F. Magalhaes, J.D. Pedrosa de Jesus and P.A. Williams. (1988), **2-1**, 13-18.
- Rosasite from Bute Quarry, Mid Glamorgan. The first reported occurrence in Wales. C.J.N. Fletcher and B.R. Young. (1988), **2-1**, 19-23.
- Coffinite from Gipsy Lane Brickpit, Leicester. J.W. Faithfull and N. Hubbard. (1988), **2-1**, 25-28.
- Retgersite, NiSO₄.6H₂O: a new British occurrence from Warwickshire. D.R.G. Walker. (1988), **2-1**, 29-30.

Conference Report

- *Mineralogy and Museums*. 5-6 July 1988, BM(NH), London (R.E. Starkey). (1988), **2-1**, 31-34.

Book Review

- *Minerals of Cornwall and Devon*. P.G Embry and R.F Symes, 1987 (R.A. Howie). (1988), **2-1**, 35.

VOLUME 2, PART 2 (1989)

Editorial: R.E. Bevins.

Articles and Notes

- Barium feldspar rocks from Broken Hill, New South Wales. I. Plimer. (1989), **2-2**, 1-4.
- Alumohydrocalcite from the Bristol District. C. Alabaster. (1989), **2-2**, 5-10.
- The secondary mineralogy of the Clyde Plateau Lavas, Scotland. Part 1: Boyleston Quarry. T.K.Meikle. (1989), **2-2**, 11-14.
- The secondary mineralogy of the Clyde Plateau Lavas, Scotland. Part 2: Loanhead Quarry. T.K. Meikle. (1989), **2-2**, 15-21.

- Carbonatian connellite, a new variety, from the Britannia Mine, North Wales, and from the Botallack Mine, Cornwall. A.M. Pollard, R.G. Thomas, P.A. Williams, R.E. Bevins and S. Turgoose. (1989), **2-2**, 23-27.
- The Wesley Mine; a further occurrence of manganese oxide-hosted lead oxychloride minerals in the Bristol District. C. Alabaster. (1989), **2-2**, 29-47.
- Birnessite from Penberthy Croft Mine, Cornwall - a second English occurrence. J. Betterton. (1989), **2-2**, 48.
- Native silver from Red Gill Mine, Caldbeck Fells, Cumbria. M. Wirth. (1989), **2-2**, 49.
- Rosasite from West Pasture Mine, Weardale, Co. Durham. B. Young and J.G. Francis. (1989), **2-2**, 50.

Mineral Show Report

- *British Mineral and Gem Show*. London, 1989 (R.E. Starkey). (1989), **2-2**, 51.

Book Review

- *Topographica Mineralogica Slovenska*. M. Kodera and A. Kolektiva, 1986 (P.A. Williams). (1989), **2-2**, 52.

VOLUME 3, PART 1 (1990)

Editorial: R.E. Bevins.

Articles and Notes

- Alstonite and barytocalcite from Llantrisant, South Wales, and barytocalcite from Holwell, Mendip Hills, England. C. Alabaster. (1990), **3-1**, 1-6.
- Identification of minerals using X-Ray Diffraction (Review). A. Livingstone, R.G. Thomas and P.A. Williams. (1990), **3-1**, 7-14.
- Chromium minerals in microdiorite from the English Lake District. N.J. Fortey and P.H.A. Nancarrow. (1990), **3-1**, 15-22.
- Schulenbergite and namuwite from Smallcleugh Mine, Nenthead, Cumbria. A. Livingstone, T.F. Bridges and R.E. Bevins. (1990), **3-1**, 23-24.
- Supergene minerals from Low Pike, Caldbeck Fells, Cumbria. B. Young, M.P. Cooper, P.H.A. Nancarrow and D.I. Green. (1990), **3-1**, 25-28.
- Hausmannite from West Cumbria. B. Young and P.H.A. Nancarrow. (1990), **3-1**, 29-30.
- Bertrandite from the Pass of Ballater, Grampian Region, Scotland. R.E. Starkey. (1990), **3-1**, 31.

Book Reviews

- *Mines of the Lake District Fells*. J. Adams, 1988 (B. Young). (1990), **3-1**, 33.
- *Mineral Wealth of Saudi Arabia*. O. Farra and C. Spencer, 1986 (R.A. Howie). (1990), **3-1**, 33.
- *Il giacimento mineralogico di Pietro in Montecchio Maggiore (Vincenza)*. M. Boscardine and S. Sovilla, 1988 (R.A. Howie). (1990), **3-1**, 33.
- *Kloch: ein Sudosterreichsches basaltvorkommen und Seine Minerale*. J. Taucher, W. Postl, B. Moser, D. Jakely and P. Golob, 1989 (R.A. Howie). (1990), **3-1**, 33-35.
- *Introduction to practical ore microscopy*. P.R. Ineson, 1989 (D.H.M. Alderton). (1990), **3-1**, 35.
- *Nonmetalliferous Stratabound Ore Fields*. M. de Brodtkorb (Ed.), 1989 (R.A. Howie). (1990), **3-1**, 35-37.
- *Agates*. H.G. Macpherson, 1989 (R.E. Bevins). (1990), **3-1**, 37.

VOLUME 3, PART 2 (1990)

Editorial (Guest): B. Young.

Articles and Notes

- The secondary mineralogy of the Clyde Plateau Lavas, Scotland. Part 3. Hartfield Moss. T.K. Meikle. (1990), **3-2**, 43-47.
- New occurrences of secondary aluminium minerals from the Bristol District. C. Alabaster. (1990), **3-2**, 49-59.
- Matthew Forster Hedde (1828-1897), famous Scottish mineralogist. A. Livingstone. (1990), **3-2**, 61-65.
- Aleksite, a lead bismuth sulfotelluride: a second world occurrence from the Dolgellau Gold Belt, Wales. R.E. Bevins and C.J. Stanley. (1990), **3-2**, 67-69.
- Infrared spectroscopy as a technique for the investigation of minerals (Review). R.S.W. Braithwaite. (1990), **3-2**, 71-79.
- An occurrence of djurleite at West Caradon Mine, Cornwall. J.A. Lawrence. (1990), **3-2**, 81-84.

- Cinnabar from Machen Quarry, Machen, South Wales. T.F. Bridges. (1990), **3-2**, 85.

Book Reviews

- *Gemstones and Their Origins*. P.C.B. Keller, 1990 (R.R. Harding). (1990), **3-2**, 87.
- *Zeolites of Victoria*. W.D Birch (Ed.), 1989 (R.A. Howie). (1990), **3-2**, 87.
- *Monteregian Treasures: the Minerals of Mont St. Hilaire*. J.A. Mandarino and V. Anderson, 1989. (R.A. Howie) (1990), **3-2**, 87-88.
- *The Encyclopedia of Igneous and Metamorphic Rocks*. D.R. Bowes (Ed.), 1989 (R.E. Bevins). (1990), **3-2**, 88.
- *Encyclopedia of Minerals*. W.L. Rapp, T.J. Campbell and G.R. Rapp, 1990 (R.E. Bevins). (1990), **3-2**, 88-89.
- *The Pocket Guide to Rocks and Minerals*. M. O'Donoghue, 1990 (B. Young). (1990), **3-2**, 89-90.
- *Minerals of the English Lake District – Caldbeck Fells*. M.P. Cooper and C.J. Stanley, 1990 (B. Young). (1990), **3-2**, 90-91.
- *Crystals*. I.F. Mercer, 1990 (N. Fortey). (1990), **3-2**, 91.

VOLUME 4, PART 1 (1991)

Articles and Notes

- Arthur Edward Ian Montagu Russell. A.D. Hart and R.F. Symes. (1991), **4-1**, 1.
- Russellite from Buckbarrow Beck, Cumbria, England. B. Young, N.J. Fortey and P.H.A. Nancarrow. (1991), **4-1**, 3-7.
- Lead-molybdenum mineralization in an ancient cave in North Leicestershire. R.J. King. (1991), **4-1**, 9-12.
- The zinc analogue of ktenasite from Smallcleugh and Brownley Hill mines, Nenthead, Cumbria. A. Livingstone. (1991), **4-1**, 13-15.
- Stannite revisited. D.H.M. Alderton. (1991), **4-1**, 17-23.
- The mineralogy of Wapping Mine, Matlock Bath, Derbyshire. F. Ince. (1991), **4-1**, 25-34.
- Phosgenite, the first Welsh occurrence. N. Hubbard. (1991), **4-1**, 35.
- Strontianite from Brownley Hill Mine, Nenthead, Cumbria. M. Wood. (1991), **4-1**, 35-36.
- Secondary copper minerals from the Knockmahon area, County Waterford, Republic of Ireland. S. Moreton. (1991), **4-1**, 36-37.

Book Reviews

- *Minerals of New Zealand*. C.T. Railton and W.A. Watters, 1990 (R.A. Howie). (1991), **4-1**, 39.
- *Gemmology*. C.S. Hurlbut, Jr. and R.C Kammerling, 1991 (R.R. Harding). (1991), **4-1**, 39.
- *Geology of the Northern Pennine Orefield: Vol. 1. Tyne to Stainmore*. K.C. Dunham, 1990 (R.A. Howie). (1991), **4-1**, 39-40.
- *Geology of the Mineral Deposits of Australia and Papua New Guinea*. F.E. Hughes, 1990 (K.C. Dunham). (1991), **4-1**, 40.
- *Volcanoes*. S. Van Rose and I.F Mercer, 1991 (R.E. Bevins). (1991), **4-1**, 40.
- *Handbook of Mineralogy, Volume 1: Elements, Sulfides and Sulfosalts*. 1990 (R.E. Bevins). (1991), **4-1**, 40-41.

VOLUME 4, PART 2 (1992)

Editorial: G. Ryback.

Articles and Notes

- Supergene copper mineral assemblages at Botallack, St Just, Cornwall. R.J. Bowell. (1992), **4-2**, 45-53.
- The composition of stolzite from Wanlockhead and wulfenite from various Scottish localities. A. Livingstone. (1992), **4-2**, 55-57.
- An unusual occurrence of mottramite from Peldar Tor, Leicestershire. J.W. Faithfull and F. Ince. (1992), **4-2**, 59-62.
- Connellite from Colvend, Kirkcudbrightshire, and brochantite from Auchencat Burn, Dumfriesshire. S. Moreton and P. Aspen. (1992), **4-2**, 63-64.
- Barium-pharmacosiderite and symplectite from Caldbeck Fells, Cumbria. B. Young, E. Hyslop and D. Millward. (1992), **4-2**, 64-66.
- Cuprosklodowskite from Geevor Mine, Cornwall. N.J. Elton, J.J. Hooper and L. Coggon. (1992), **4-2**, 66-67.
- Growth of acanthite on native silver from the Clyde Plateau Lavas, Scotland. T.K. Meikle. (1992), **4-2**, 67-69.

Conference Reports

- *Conserving Britain's Mineralogical Heritage*. 31 March – 1 April 1992, Manchester University (R.E. Starkey). (1992), **4-2**, 71-74.
- *Collecting Minerals*. 4 April 1992, Loughborough University (R.J. King). (1992), **4-2**, 74-75.

Book Reviews

- *Geology and the Local Museum*. S.J. Knell and M.A. Taylor, 1989 (P.R. Crowther). (1992), **4-2**, 77-78.
- *Minerals and Rocks. Exercises in Crystallography, Mineralogy and Hand Specimen Petrology*. C. Klein, 1989 (R.A. Ixer). (1992), **4-2**, 78.
- *The Colours of Opaque Minerals*. A. Peckett, 1992 (R.A. Ixer). (1992), **4-2**, 78-79.
- *Men, Mines and Minerals of the Northern Pennines*. B. Chambers (Ed.), 1992 (B. Young). (1992), **4-2**, 79.
- *Meteorites: The Key to Our Existence*. R. Hutchinson and A. Graham, 1992 (B. Atkins). (1992), **4-2**, 79-80.

Contents List for Volumes 1-4 (1982-92). (1992), **4-2**, 81-92.

VOLUME 5, PART 1 (1993)

The Russell Medal: Trevor Bridges.

Editorial: G. Ryback.

Articles and Notes

- The story of a mineral collection (Part 1). The late R.D.S. Shrimpton. (1993), **5-1**, 5-9.
- Origin of the leadhillite polymorphs. A. Livingstone. (1993), **5-1**, 11-14.
- The occurrence of sphalerite in Leicestershire, England. R.J. King. (1993), **5-1**, 15-21.
- Lead-zinc-copper-arsenic-baryte mineralization from Clevedon, near Bristol, England. R.A. Ixer, R.A.D. Pattick and R.E. Starkey. (1993), **5-1**, 23-30.
- Botallackite from Dooneen Mine, Allihies, County Cork, Republic of Ireland. S. Moreton and P. Aspen. (1993), **5-1**, 31-32.
- Cinnabar from Stancombe Quarry, near Bristol, England. N. Zachariades. (1993), **5-1**, 33.

Conference Proceedings

Conserving Britain's Mineralogical Heritage. 31 March – 1 April, 1992, Manchester University.

- Introduction. R.E. Bevins. (1993), **5-1**, 34.
- The mineral collector as a conservationist - the right to collect? B. Young. (1993), **5-1**, 35-36.
- Mineral collectors - friend or foe? R.E. Starkey. (1993), **5-1**, 37-39.
- Abandoned metal mines: a unique mineralogical and microbiological resource. D.A. Jenkins and D.B. Johnson. (1993), **5-1**, 40-44.
- The botanical interest of mine spoil heaps - the lichen story. O.W. Purvis. (1993), **5-1**, 45-48.
- Cwmystwyth, Wales: 3500 years of mining history - some problems of conservation and recording. S. Timberlake. (1993), **5-1**, 49-53.
- Resolving conflicts: reclamation and management options. J.P. Palmer. (1993), **5-1**, 54-56.
- Greening the environment and access to mineralogical sites: conflicts and opportunities. B.R. Marker. (1993), **5-1**, 57-60.
- Mineralogical conservation in Great Britain - the governmental conservation agency approach. D.A. O'Halloran, T. Moat, R.E. Mathews and A.P. McKirdy. (1993), **5-1**, 61-63.

Book Reviews

- *Hey's Mineral Index. Mineral Species, Varieties and Synonyms*. A.M. Clark, 1993 (G. Ryback). (1993), **5-1**, 64-65.
- *Mineral Reference Manual*. E.H. Nickel and M.C. Nichols, 1991 (R.A. Howie). (1993), **5-1**, 65.
- *The Care and Conservation of Geological Materials*. F.M. Howie (Ed.), 1992 (R.E. Bevins). (1993), **5-1**, 65-66.
- *Mineralisation in the British Isles*. R.A.D. Pattick and D.A. Polya, 1993 (R.A. Howie). (1993), **5-1**, 66.
- *Igneous Rocks of South-West England*. P.A. Floyd, C.S. Exley and M.T. Styles, 1993 (R.A. Howie). (1993), **5-1**, 66-67.
- *Geology of the Outer Hebrides. Memoir for 1:100000 (solid) geological sheets, Lewis and Harris, Uist and Barra, Scotland*. D.J. Fettes, J.R. Mendum, D.I. Smith and J.V. Watson, 1992 (R.A. Howie). (1993),

5-1, 67.

- *The Quantitative Data for Ore Minerals*. A.J. Criddle and C.J. Stanley (R.A. Ixer). (1993), **5-1**, 68.

VOLUME 5, PART 2, (1994)

Articles and Notes

- The story of a mineral collection (Part 2). The late R.D.S. Shrimpton. (1994), **5-2**, 71-75.
- John Henry Vivian (1785-1855): the probable eponym of vivianite. P.G. Embrey. (1994), **5-2**, 77-81.
- Native silver from Hilderston Mine, West Lothian, Scotland. T.K. Meikle. (1994), **5-2**, 83-90.
- Mineralogy of the Alderley Edge - Mottram St Andrew area, Cheshire, England. R.S.W. Braithwaite. (1994), **5-2**, 91-102.
- Fluorite at Hampstead Farm Quarry, Chipping Sodbury, Avon: a new British occurrence. M.F. Brooke. (1994), **5-2**, 103-107.
- An unusual occurrence of arsenate minerals at Gwaith-yr-Afon mine, Dyfed, Wales. S.A. Rust and J.S. Mason. (1994), **5-2**, 109-113.
- Tyuyamunite from St Just, Cornwall, England. N.J. Elton and J.J. Hooper. (1994), **5-2**, 114-115.
- Barytocalcite and witherite from Rorrington Mine, Chirbury, Salop, England. R.E. Starkey, N. Hubbard and B. Young. (1994), **5-2**, 115-118.
- Witherite from Scaleburn Vein, Nenthead, Cumbria, England. R. Bunting. (1994), **5-2**, 118-119.
- Vivianite from South Humberside and Yorkshire, England. M.E. Smith. (1994), **5-2**, 119-120.
- Leadhillite from the Northern Pennine Orefield. B. Young, T.F. Bridges and E.K. Hyslop. (1993), **5-2**, 121-123.
- Cinnabar from the Caldbeck Fells, Cumbria, England. T. Neall and C.M. Leppington. (1994), **5-2**, 123-124.
- Analyses of calcian phosphatian vanadinite, and apatite high in lead, from Wanlockhead, Scotland. A. Livingstone. (1994), **5-2**, 124-126.

Book Reviews

- *Manual of Mineralogy (after James D. Dana)*. C. Klein and C.S. Hurlbut, 1993 (R.S.W. Braithwaite). (1994), **5-2**, 127.
- *Principles of Mineralogy*. W.H. Blackburn and W.H. Dennon, 1994 (R.A. Ixer). (1994), **5-2**, 127-128.
- *Minerals and Gemstones of the World*. G. Brocardo, 1994 (R.A. Howie). (1994), **5-2**, 128.
- *A Mineralogy of Wales*. R.E. Bevins, 1994 (T.F. Bridges). (1994), **5-2**, 128-129.
- *The Red Hills*. D. Kellt, 1994 (B. Young). (1994), **5-2**, 129-130.
- *Phosphate Minerals of Victoria*. W.D. Birch and D.A. Henry, 1993 (R.A. Howie). (1994), **5-2**, 130.
- *Regional Geochemistry of the Lake District and Adjacent Areas*. British Geological Survey, 1992 (R.E. Starkey). (1994), **5-2**, 130-131.
- *Infrared Transmission Spectra of Carbonate Minerals*. G.C. Jones and B. Jackson, 1993 (G. Ryback). (1994), **5-2**, 131-132.
- *Clay Mineralogy: Spectroscopic and Chemical Determinative Methods*. M.J. Wilson (Ed.), 1994 (N.J. Elton). (1994), **5-2**, 132.

VOLUME 6, PART 1 (1995)

The Russell Medal: Dr. Robert (Bob) F. Symes.

Editorial (Guest): R.A. Howie.

Errata: Volumes 4-5.

Articles and Notes

- Electron microprobe techniques in mineral analysis (Review). C.T. Williams and J. Spratt. (1995), **6-1**, 5-12.
- Early development of mineralogy in Edinburgh, Scotland. A. Livingstone. (1995), **6-1**, 13-16.
- Supergene U-Pb-Cu mineralisation at Loe Warren, St Just, Cornwall, England. N.J. Elton and J.J. Hooper. (1995), **6-1**, 17-26.
- Silica-rich edingtonite and associated minerals from Loanhead Quarry, Beith, Strathclyde - a new Scottish locality. T.K. Meikle and J.G. Todd. (1995), **6-1**, 27-30.
- Minerals of Machen Quarry, Mid Glamorgan, Wales. S.P. Plant and I.E. Jones. (1995), **6-1**, 31-36.
- Stalactitic galena from Lamb Bottom, Mendip Hills, Somerset, England. S. Cowdry. (1995), **6-1**, 37-40.
- Sulphide, sulphate, phosphate and carbonate mineral assemblages in the Oxford Clay, Cassington-

- Yarnton area, Oxfordshire, England. F.B. Atkins. (1995), **6-1**, 41-45.
- Wulfenite from Cornwall, England. M.G.H. Merry and R.S.W. Braithwaite. (1995), **6-1**, 47-48.
 - Wulfenite: a new find in Derbyshire, England. J.I. Wilson, M.J. Colledge and R.S.W. Braithwaite. (1995), **6-1**, 48-49.
 - Well-crystallised fraipontite from Machen Quarry, Mid Glamorgan: a first Welsh locality. J. Goulding and M.T. Price. p50.
 - Bavenite from Shap granite Quarry, Cumbria, England. M.M. Wirth. (1995), **6-1**, 51.
 - Beyerite, (Ca,Pb)(BiO)₂(CO₃)₂, a mineral new to the British Isles, from Cumbria, England. R.S.W. Braithwaite and G. Ryback. (1995), **6-1**, 51-52.
 - Troilite from Glenelg, Highland Region, Scotland: the first British Isles occurrence. P. Davidson. (1995), **6-1**, 52-53.
 - Rutheniridosmine from the Ochill Hills, Scotland: the first British Isles occurrence. P. Davidson. (1995), **6-1**, 54-55.
 - Definition of a mineral. E.H. Nickel. (1995), **6-1**, 56-57.

Book Reviews

- *The History of Mineral Collecting*. W.E. Wilson, 1994 (R.A. Howie). (1995), **6-1**, 58.
- *Handbook of Mineralogy, Volume II, Silica, Silicates*. J.W. Anthony, R.A. Bideaux and M.C. Nichols, 1995 (R.E. Bevins). (1995), **6-1**, 58.
- *Crystal Identification and the Polarizing Microscope*. R.E. Stroiber and S.A. Morse, 1994 (D.M.H. Alderton). (1995), **6-1**, 58-59.
- *Gemmology: An Annotated Bibliography*. J. Sinkankas, 1993 (G. Ryback). (1995), **6-1**, 59.
- *Seathwaite Wad and the Mines of the Borrowdale Valley*. I. Tyler, 1995 (B. Young). (1995), **6-1**, 59-60.

VOLUME 6, PART 2 (1996)

Articles and Notes

- Fluid inclusions: analysis and applications (Review). J. Naden. (1996), **6-2**, 63-74.
- Mineralogy of Snelston Mine, near Ashbourne, Derbyshire, England. P.S. Jackman. (1996), **6-2**, 75-80.
- Calcian goyazite and florencite-(Ce) from Gunheath China Clay Pit, St Austell, Cornwall. N.J. Elton and M.J.E. Grigg. (1996), **6-2**, 81-83.
- Epistilbite from the Isle of Skye, Scotland. D.I. Green and M. Wood. (1996), **6-2**, 85-87.
- Zeolite occurrences in basaltic dykes on the Western Isles of Scotland. A. Dyer, O.M. Wilson, C.D. Williams and J. Smethurst. (1996), **6-2**, 89-92.
- Romanesque and Gothic wall paintings in Winchester Cathedral: an unusual use and alteration of vivianite. H. Howard. (1996), **6-2**, 93-96.
- Coronadite from the Northern Pennine Orefield, England. B. Young, E.K. Hyslop and R.A. Fairbairn. (1996), **6-2**, 97.
- A further occurrence of widenmannite in Cornwall, England. N.J. Elton and J.J. Hooper. (1996), **6-2**, 98.
- Diaboleite from Gunver Head, Cornwall, England. R.S.W. Braithwaite and M.G.H. Merry. (1996), **6-2**, 99.
- Talmessite, with rauenthalite or phaunouxite, from Ivy Tor Mine, Devon, England. R.S.W. Braithwaite, M.G.H. Merry and B. Jackson. (1996), **6-2**, 100-101.
- Stalactitic galena in the Mendip Hills, Somerset, England: another 17th century reference. S. Cowdry. (1996), **6-2**, 101.

Book Reviews

- *Minerals: an Illustrated Explanation of the Dynamic World of Minerals and Their Properties*. G.W. Robinson, 1994 (R.A. Howie). (1996), **6-2**, 102.
- *Franklin and Sterling Hills, New Jersey: the World's Most Magnificent Mineral Deposits*. P.J. Dunn, 1995 (R.A. Howie). (1996), **6-2**, 102-103.
- *Minerals of South Africa*. B. Cairncross and R. Dixon, 1995 (R.A. Howie). (1996), **6-2**, 103.
- *Ore Microscopy and Ore Petrography*. J.R. Craig and D.J. Vaughan, 1994 (C.J. Stanley). (1996), **6-2**, 104.
- *Derbyshire Black Marble*. J.M. Tomlinson (and T.D. Ford), 1996 (R.A. Howie). (1996), **6-2**, 104.

VOLUME 7, PART 1 (1998)

Editorial: G. Ryback.

Articles and Notes

- Supergene minerals of the Northern Pennine Orefield - A review. T.F. Bridges and B. Young. (1998), **7-**

1, 3-14.

- Barbosalite, frondelite and other phosphates from Gunheath china clay pit, St Austell, Cornwall, England. N.J. Elton. (1998), **7-1**, 15-18.
- Sector phosphorescent gypsum (selenite) crystals from Mepal Bridge, Cambridgeshire, England. B.A. Grguric. (1998), **7-1**, 19-22.
- The silver and cobalt mineralisation near Alva, Central Region, Scotland. S. Moreton, P. Aspen, D.I. Green and S.M. Ingram. (1998), **7-1**, 23-30.
- Harmotome from Brownley Hill Mine, Nenthead, Cumbria, England. D.I. Green and J.R. Nudds. (1998), **7-1**, 31-33.
- Valentinite from the Isle of Man. R.E. Starkey. (1998), **7-1**, 35-36.
- Antimonian claudetite from Wet Swine Gill, Caldbeck Fells, Cumbria, England. C.M. Leppington and D.I. Green. (1998), **7-1**, 36-37.
- Atacamite, botallackite and cumengeite from Abersoch, Gwynedd, Wales. I. Dossett and D.I. Green. (1998), **7-1**, 37-38.
- Anilite, with botallackite and clinotacamite, from Castletown Mine, Lochgilphead, Scotland. R.E. Starkey and N. Hubbard. (1998), **7-1**, 38-39.
- Thauwasite from High Sedling Mine, Weardale, County Durham, and from Shap, Cumbria, England. B. Young, E.K. Hyslop, T.F. Bridges and N. Hubbard. (1998), **7-1**, 40.
- Enargite group minerals from Scaleber Bridge, North Yorkshire, England. R.A. Ixer and C.J. Stanley. (1998), **7-1**, 41-42.

CD-ROM Review

- *Discovering Geology: The Lake District*. British Geological Survey, 1997 (R.E. Starkey). (1998), **7-1**, 43-44.

Contents List for Volumes 1-6 (1982-1998). (1998), **7-1**, 45-48.

VOLUME 7, PART 2 (2001)

The Russell Medal: Roy E. Starkey.

Articles and Notes

- A.W.G. Kingsbury's specimens of British minerals. Part 1: Some examples of falsified localities. G. Ryback, A.D. Hart and C.J. Stanley. (2001), **7-2**, 51-69.
- Mica Quarrying and processing in Scotland during the Second World War. R.P. McIntosh. (2001), **7-2**, 71-74.
- Copper mineralisation in the Permian Magnesian Limestone at Raisby, Coxhoe, County Durham, England. B. Young. (2001), **7-2**, 75-78.
- Wavellite and variscite on Gower, Swansea, South Wales. S.P. Plant and I.E. Jones. (2001), **7-2**, 79-81.
- Gismondine-Ba, a zeolite from the weathering of slag. R.S.W. Braithwaite, A. Dyer, R.P.H. Lamb and J.I. Wilson. (2001), **7-2**, 83-85.
- Ramsbeckite with schulenbergite from Cornwall and Cumbria, England. D.I. Green, J. Betterton, R. Bell and T. Neall. (2001), **7-2**, 86-87.
- Millerite and associated minerals from Brixham, Devon, England. R.S.W. Braithwaite and J.I. Wilson. (1998), **7-2**, 87-88.
- Rosiaite from Bwlch Mine, Deganwy, Conwy, Wales. G. Ryback and J.G. Francis. (2001), **7-2**, 88.
- Natrolite from Calton Hill, Derbyshire, England. A. Dyer, O.M. Wilson and B. Young. (2001), **7-2**, 89.
- Milarite from Shap Granite Quarry, Cumbria, England, with a discussion of milarite occurrences in Cornwall and Devon. M.M. Wirth, D.I. Green and G. Ryback. (2001), **7-2**, 90-91.
- Raspite from Carrock Mine, Caldbeck Fells, Cumbria, England: a first British occurrence. T. Neall and D.I. Green. (2001), **7-2**, 91.
- Parasymphesite, a mineral new to Britain, from Wet Swine Gill, Caldbeck Fells, Cumbria, England. T. Neall and D.I. Green. (2001), **7-2**, 92-3.
- Vesignieite from Castletown Mine, Lochgilphead, Argyll and Bute, a first Scottish occurrence. N. Hubbard and D.I. Green. (2001), **7-2**, 93.
- Otavite from Bishopston, Renfrewshire, Scotland. J. Faithfull and N. Hubbard. (2001), **7-2**, 94-95.
- Botallackite, including good crystals, from Ireland. R.S.W. Braithwaite and J.I. Wilson. (2001), **7-2**, 96.

Book reviews

- *Introduction to Mineralogy*. W.D. Nesse, 2000; Dana's Minerals and How to Study Them. C.J. Hurlbut and W.E. Sharp, 1998 (R.A. Howie). (2001), **7-2**, 82.

- *Whiskey on the Rocks – Origins of the 'Water of Life'*. S. Cribb and J. Cribb, 1998 (R.A. Howie). (2001), **7-2**, 82.

VOLUME 8, PART 1 (2003)

Articles and Notes

- The manganese iron mineralisation of Burdell Gill, Caldbeck Fells, Cumbria, England. C.M. Leppington and T. Neall. (2003), **8-1**, 1-9.
- Secondary mineralisation from the Cwmavon Valley copper smelting slags, Glamorgan, South Wales. S.P. Plant. (2003), **8-1**, 9-15.
- Symplectite and parasymplectite from Cumbria and Cornwall, England. D.I. Green, T. Neall, T.F. Cotterell and C.M. Leppington. (2003), **8-1**, 16-17.
- Tennantite and tyrolite from the Coed Y Brenin Forest, North Wales. R. Armstrong, R.J. Herrington and M.A. Savage. (2003), **8-1**, 18.
- The secondary mineralisation of the Clyde Plateau lavas, Scotland, Part 4, Reilly Quarry. The late T.K. Meikle. (2003), **8-1**, 19-22.
- Zeolites and related minerals from Orrock Quarry, Fife, Scotland. M.M. Wirth. (1996), **8-1**, 23-25.
- Calcium analcime from The Totherick, Ayrshire, Scotland: An unusual crystal form with trapezoidal faces. A. Dyer, R. Waughman and C.D. Williams. (2003), **8-1**, 26-29.
- Cacoxenite and crandallite from Pwll Du beach, Bishopton, Gower, Swansea, South Wales: The first Welsh occurrence. A.C. Dean and T.F. Cotterell. (2003), **8-1**, 30-32.
- Brianyoungite from Elgar mine and Frongoch Mine, Ceredigion, Wales. T.F. Cotterell, J.S. Mason and D.I. Green. (2003), **8-1**, 33-34.
- Well-formed crystals of erythrite with mercurian silver, lavendulan and other minerals from Gortdrum mine, Tipperary, Ireland. R.S.W. Braithwaite and J.I. Wilson. (2003), **8-1**, 35-36.
- Cotunnite from the beach at Clevedon, Avon, England. T.F. Bridges. (2003), **8-1**, 36-37.
- Epimorphs of quartz after fluorite from the Rampgill and Coalcleugh mine system, Nenthead, Cumbria, England. T.F. Bridges and H. Wilkinson. (2003), **8-1**, 38-39.
- Gearksutite from the Old Gang mines, Swaledale, North Yorkshire, England. D.I. Green (2003), **8-1**, 41-43.
- Gartrellite, a mineral new to Britain, from Low Pike, Caldbeck Fells, Cumbria, England. D.I. Green, C.M. Leppington and T. Neall. (2003), **8-1**, 43-44.

Book Review

- *Minerals of Scotland: Past and Present*. A. Livingstone, 2002 (R.A. Howie). (2003), **8-1**, 40.

VOLUME 8, PART 2 (2005)

Editorial: N. Moles.

Articles and Notes

- The mineralogy of Newhurst Quarry, Shepshed, Leicestershire. F. Ince. (2005), **8-2**, 47-65.
- The occurrence and formation of galena in supergene environments. D.I. Green, T.F. Bridges and T. Neall. (2005), **8-2**, 66-70.
- Mud-filled fluorite vugs in Greenlaws Mine, Weardale, Co. Durham. S. Moreton. (2005), **8-2**, 71-75.
- Gearksutite, a second British occurrence, from the Ball Eye Opencast, Cromford, Derbyshire. T.F. Bridges and D.I. Green. (2005), **8-2**, 75-77.
- Phosphate minerals including koninckite and planerite from Grouse Lodge Quarry, Shanagolden, Co. Limerick. S. Moreton and D.I. Green. (2005), **8-2**, 78-80.
- A review of the occurrence of antlerite in the British Isles. T.F. Bridges, D.I. Green and M.S. Rumsey. (2005), **8-2**, 81-84.
- A review of the supergene mineralisation at Silver Gill, Caldbeck Fells, Cumbria. D.I. Green, T.F. Bridges, M.P. Cooper and N. Thomson. (2005), **8-2**, 85-97.
- Carbonate-fluorapatite from the Westphalian coal measures of South Wales, U.K. S. Plant and D. Evans. (2005), **8-2**, 98-101.
- The composition of fuloppite from Wet Swine Gill, Caldbeck Fells, Cumbria. D.I. Green, T. Neall and A.G. Tindle. (2005), **8-2**, 101-102.
- Columbite from Chywoon Quarry in the Carnmenellis Granite, Cornwall. D. Moulding and A.G. Tindle. (2005), **8-2**, 102-106.
- Cotunnite from Penrhyn Du Mine, Gwynedd, Wales. N. Hubbard and D. I. Green. (2005), **8-2**, 106-107.
- An update of the supergene mineralogy of Hilton Mine, Scordale, Cumbria. T.F. Bridges and D.I. Green.

(2005), **8-2**, 108-110.

- Kegelite, a first British occurrence, from Wanlockhead, Dumfries and Galloway, Scotland. T. Neall and D.I. Green. (2005), **8-2**, 110-111.
- Epimorphs of quartz after fluorite from Rampgill, Coalcleugh and Barneyrcraig mine system, Nenthead, Cumbria, England - an update. T.F. Bridges and H. Wilkinson. (2005), **8-2**, 112.
- A tin-lead alloy found in a zeolitic amygdale at Carsaig Bay on the Hebridean Isle of Mull. A. Dyer, D.I. Green, B. Taylor and C.D. Williams. (2005), **8-2**, 113-114.

Book Reviews

- *Minerals: Their Constitution and Origin*. H.-R. Wenk and A. Bulakh, 2004 (A. Dyer). (2005), **8-2**, 115-116.
- *Minerals and their Localities*. J. Bernard and J. Hyrsl, 2004 (R. Turner). (2005), **8-2**, 116.

VOLUME 9 (2006)

Editorial: N. Moles.

Articles and Notes

- The first British occurrence of kottigitite, from Hilton Mine, Scordale, Cumbria. T.F. Bridges and D.I. Green. (2006), **9**, 3.
- A review of the mineralisation at Driggith and Sandbed Mines, Caldbeck Fells, Cumbria. D.I. Green, M.S. Rumsey, T.F. Bridges, A.G. Tindle and R.A. Ixer. (2006), **9**, 4-38.
- A review of the mineralogy of Brae Fell Mine, Caldbeck Fells, Cumbria. T.F. Bridges, D.I. Green and M.S. Rumsey. (2006), **9**, 39-44.
- Supergene mineralisation at Arm O'Grain, Caldbeck Fells, Cumbria. D.I. Green, A.G. Tindle, T.F. Bridges and T. Neall. (2006), **9**, 44-53.
- Heavy metals and their weathering products in residues from Castleside Smelting Mill, County Durham, including a new slag mineral, copper antimonite. R.S.W. Braithwaite, R.P.H. Lamb and A.L. Natrass. (2006), **9**, 54-61.
- Secondary species associated with weathering of industrial residues at Tindale Fell Spelter Works, Cumbria. R.S.W. Braithwaite, R.P.H. Lamb and A.L. Natrass. (2006), **9**, 61-64.
- Hydronium jarosite from Brynycastell Mine, Dolgellau, Gwynedd, Wales. T.F. Cotterell. (2006), **9**, 65-67.
- Clinoptilolite and heulandite from Wheal Hazard, St Just, Cornwall. A. Dyer, D.I. Green, A.G. Tindle and C.D. Williams. (2006), **9**, 68-72.
- Baryte replacement by barium carbonate minerals. T.F. Bridges and D.I. Green. (2006), **9**, 73-82.
- Scotlandite in the British Isles: Its occurrence, morphology and paragenesis. T. Neall, D.I. Green and T.F. Bridges. (2006), **9**, 83-89.
- A zeolite-bearing skarn at Barnahallia, Connemara, Co. Galway, Ireland. S. Moreton and D.I. Green. (2006), **9**, 90-92.

VOLUME 10 (2007)

Editorial (Guest): F. Ince.

Articles and Notes

- Zoned oxidation deposits in Tynebottom Mine, Garrigill, Cumbria. T.F. Bridges and D.I. Green. (2007), **10**, 3-9.
- Copper-bearing silica gel from the walls of the Tankardstown Mine, Co. Waterford, Ireland. S. Moreton. (2007), **10**, 10-17.
- Geology and mineralogy of Pike Law Mines, Newbiggin, Teesdale, Co. Durham. T.F. Bridges and B. Young. (2007), **10**, 18-26.
- The mineralogy of Bardon Hill Quarry, Coalville, Leicestershire. F. Ince. (2007), **10**, 27-39.
- Edingtonite, harmotome and other vein minerals at the Conlig-Whitespots Lead Mines, County Down, Northern Ireland. N.R. Moles. (2007), **10**, 40-46.
- Buttgenbachite from Cornwall: a single-crystal X-ray study. P. Leverett, P.A. Williams and D.E. Hibbs. (2007), **10**, 47-50.
- Childrenite from the English Lake District. R.S.W. Braithwaite and R.P.H. Lamb. (2007), **10**, 50-51.
- An unusual fluorescent fluorite from Derbyshire. R.S.W. Braithwaite and J.I. Wilson. (2007), **10**, 52-54.
- Powellite from Benallt Mine, Llyn Peninsula, Gwynedd: a first Welsh occurrence. I. Dossett, D.I. Green and T.F. Cotterell. (2007), **10**, 54-55.
- Cesarolite from Frongoch Mine, Devil's Bridge, Ceredigion, Wales. T.F. Cotterell. (2007), **10**, 55-56.
- Corkite and hinsdalite from Frongoch Mine, Devil's Bridge, Ceredigion, Wales, including evidence to

suggest that orpichte is a variety of hinsdalite. T.F. Cotterell and P.K. Todhunter. (2007), **10**, 57-64.

VOLUME 11 (2008)

Editorial: N. Moles.

Articles and Notes

- A review of the mineralogy of the Roughton Gill Mines, Caldbeck Fells, Cumbria: Part 2, The Roughton Gill South Vein on Balliway Rigg. D.I. Green, T.F. Bridges, M.S. Rumsey, C.M. Leppington and A.G. Tindle. (2008), **11**, 3-28.
- A review of the mineralisation at Red Gill Mine, Caldbeck Fells, Cumbria, England. T.F. Bridges, D.I. Green, M.S. Rumsey and C.M. Leppington. (2008), **11**, 29-47.
- Baryte formation in supergene environments in the Caldbeck Fells, Cumbria. T.F. Bridges and D.I. Green. (2008), **11**, 48-50.
- The first British occurrence of kombatite, $Pb_{14}[(VO_4)_2O_9Cl_4]$, from the "Wesley Mine" near Westbury on Trym, Bristol. M.S. Rumsey. (2008), **11**, 51-53.
- A review of the occurrences of the copper vanadate materials volborthite and tangeite in the British Isles. D.I. Green, N. Hubbard and F. Ince. (2008), **11**, 54-58.
- Ranciéite from Mynydd Parys, Amlwch, Anglesey, Wales. T.F. Cotterell and D.A. Jenkins. (2008), **11**, 59-63
- Extracts from 'Minerals of the Glamorgan coast: Barry Island and adjacent areas'. L. Garfield and D. Wellings. (2008), **11**, 64-70.
- The minerals of Moneen Quarry, Castlebar, Co. Mayo, Ireland. S. Moreton. (2008), **11**, 71-72.
- Barium zeolites and calcioancylite-(Ce) from Guisachan Quarry, Tomich, Highland, Scotland. N. Hubbard, D.I. Green and A.G. Tindle. (2008), **11**, 73-79.
- Heulandite-Sr and Heulandite-Ba, two zeolite group minerals new to Britain from Whitesmith Mine, Strontian, Highland Region, Scotland. D.I. Green, A.G. Tindle, N. Hubbard, D. McCallum and B. Jackson. (2008), **11**, 80-86.
- Scolecite from Cornwall, the first occurrences in England. O.M. Wilson, A. Dyer, V.A.D. Holyer and C.D. Williams. (2008), **11**, 87.
- Stolzite from Penberthy Croft Mine, St Hilary, Cornwall. D. Moulding, J. Hooper and D.I. Green; (2008), **11**, 88-89.

Book Reviews

- *Minerals of Northern England*. R.F. Symes and B. Young, 2008 (N. Hubbard). (2008), **11**, 90.
- *Minerals of Britain and Ireland*. A.G. Tindle, 2008 (R.A. Howie). (2008), **11**, 91.

VOLUME 12 (2009)

Editorial: N. Moles.

Articles and Notes

- The distribution and composition of adamite and zincolivenite in Britain and Ireland. Richard S.W. Braithwaite, David I. Green and Andrew G. Tindle; (2009), **12**, 3-9.
- Zincolivenite from the Penberthy Croft Mine, Cornwall. Jens C. Ø. Andersen and David Moulding; (2009), **12**, 10-14.
- Supergene manganese mineralisation associated with the Camdwr Fault in the Central Wales Orefield. Tom Cotterell; (2009), **12**, 15-25.
- The composition of volborthite from Newhurst Quarry, Leicestershire. Andrew G. Tindle and David I. Green; (2009), **12**, 26-27.
- Mineralogical fraud - an appraisal of an unpublished manuscript by A.W.G. Kingsbury. Trevor F. Bridges; (2009), **12**, 27-32.
- A review of the mineralisation at Ingray Gill, Caldbeck Fells, Cumbria. David I. Green, Michael S. Rumsey, Trevor F. Bridges and Norman Thomson; (2009), **12**, 33-45.
- The mineralogy of Short Grain Low Level, Caldbeck Fells, Cumbria. Tim Neall and David I. Green; (2009), **12**, 45-61.
- 'Lady's slippers' and a specimen of pyrite collected by Sir Kingsley Dunham from 'Nentsbury Mine', Nenthead, Cumbria. Trevor F. Bridges; (2009), **12**, 61-64.
- Acicular baryte in the Cavanacaw Gold Mine, County Tyrone, Northern Ireland. James A.S. McFarlane, Norman R. Moles and David I. Green; (2009), **12**, 65-67.

Book Review

- *Geological Excursion Guide to Rum*. C.H. Emeleus and V.R. Troll, 2009 (N.R. Moles). (2009), **12**, 68.

The Russell Society is a society of amateur and professional mineralogists which encourages the study, recording and conservation of mineralogical sites and material.

www.russellsoc.org

Registered Charity No. 803308