

Bibliography of Medieval Glass Vessels from British Sites

AD 1200-1500

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The need for a bibliography of Medieval vessel glass was expressed at the one day conference 'Medieval Glass from British Sites AD 1000-1600' held at the Museum of London in March 1992. It is intended especially for those dealing with vessel glass from British sites, the main section being 'British Excavation Reports and Other Finds'. Although entitled 'British', we know of no currently published significant glass in Scotland, Ireland or Wales.

The date range covers mainly AD 1200-1500, including the few fragments of the 11th/12th centuries, and some slightly later material, of overlapping forms, is included. Single undiagnostic fragments have not been included. Date ranges are given as far as possible, as published. The other sections are intended as broad introductions: General Surveys, Production and Composition, Glass from other Countries, and Other Sources of Evidence. The major publications are marked *.

We are grateful for the advice of members of the Board of the Association for the History of Glass, including Patricia Baker, Robert Charleston, Ian Freestone, Jennifer Price and Hugh Tait, as well as Catherine Mortimer and Martine Newby. We would be grateful for any suggestions for additional inclusions, or newly published references.

GENERAL SURVEYS

Also see under specific countries: Foy D, Sennequier G, 1989 (France); Mentasti et al, 1982 (Italy); Lamm CJ, 1929/30 (Eastern Mediterranean).

*Baumgartner E, Krueger I, 1988, *Phoenix aus Sand und Asche: Glas des Mittelalters*, Munich: Klinkhardt & Biermann

Exhibition catalogue with glass from all over Europe, including a number from England. Comprehensive bibliography, especially for glass found in Germany.

*Blair J, Ramsay N, (eds.), 1991, *English Medieval Industries*, London: Hambledon Press

Useful general background Introduction by Nigel Ramsay xv-xxiv; also see RJ Charleston 'Vessel Glass' 237-264, and Richard Marks 'Window Glass' 265-294.

Charleston RJ, 1980a, Glass of the High Medieval Period (12th to 15th century), *Bulletin de l'Association Internationale pour l'Histoire du Verre* 8, Liège: Edition du Secrétariat Général Permanent, 65-76

*Charleston RJ, 1984a, *English Glass: and the Glass used in England, circa 400-1940*, London: Allen & Unwin

*Charleston RJ, 1991, Vessel Glass, Blair J, Ramsay N (eds.) (1991), 237-264
Most up to date general introduction. 13th to 16th centuries.

Harden DB, 1969a, Medieval Glass in the West, *Proceedings of the 8th International Congress on Glass (1968)*, Sheffield, 97-111
12th to 15th centuries.

Harden DB, 1972, Ancient Glass III, *Archaeological Journal* 128, 78-117

Harden DB, 1975, Table-glass in the Middle Ages, Renaud JGN (ed.), *Rotterdam Papers* **2**, 35-45

12th to 15th centuries.

Harden DB, 1978, Anglo-Saxon and Later Glass in Britain: Some Recent Developments, *Medieval Archaeology* **22**, 1-24

AD 400-1500 .

Harden DB, 1984, Study and Research on Ancient Glass: Past and Future, *Journal of Glass Studies* **26**, 9-24

Harden DB, Painter KS, Pinder-Wilson RH, Tait H, 1968, *Masterpieces of Glass*, London: British Museum

Exhibition catalogue, multi-period.

Honey WB, 1946, *Glass: A Handbook for the Study of Glass Vessels of all Periods and Countries and a Guide to the Victoria and Albert Museum Collection*, London: V & A

Includes 'Medieval European and Islamic Glass', 'Venetian Glass', 'German and Bohemian Glass', and 'English Glass'.

Hunter JR, 1981, The Medieval Glass Industry, Crossley DW (ed.), Medieval Industry, *Council for British Archaeology Research Report* **40**, 143-150

5th to 16th centuries.

Hurst Vose R, 1980, *Glass*, London: Collins

*Kenyon GH, 1967, *The Glass Industry of the Weald*, Leicester University Press
13th-17th centuries.

Klein D, Lloyd W, 1989, *The History of Glass*, London: Macdonald & Co. (Publishers) Ltd

*Moorhouse SA et al, 1972, Medieval Distilling-Apparatus of Glass and Pottery, *Medieval Archaeology* **16**, 79-121

15th century distilling equipment from St. John's Priory, Pontefract, and Selbourne Priory, Hants. With introductory history of distillation by Frank Greenaway, Science Museum.

Moorhouse SA, 1987, Medieval Industrial Glassware in the British Isles, *Annales du 10e Congrès Internationale d'Etudes Historique du Verre 1985*, Liège: AIHV, 361-372

Moorhouse SA, 1993, Pottery and Glass in the Medieval Monastery, Gilchrist R, Mytum H (eds.), Advances in Monastic Archaeology, *British Archaeological Reports* **227**, Oxford: Tempus Reparatum, 127-148

14/15th centuries.

Newman H, 1977, *An Illustrated Dictionary of Glass*, London: Thames and Hudson
Introduction by Robert Charleston; essential source of multi-period terms and cross-references.

*Tait H, 1979, *The Golden Age of Venetian Glass*, London: British Museum Press
Exhibition catalogue: Mainly the Felix Slade Collection of the British Museum, but also a few earlier Medieval and Islamic comparisons. 12th to 18th centuries.

*Tait H (ed.), 1991, *Five Thousand Years of Glass*, London: British Museum
Includes photographic sequences of techniques for making ancient glass by William Gudenrath (New York).

Thorpe WA, 1961 (3rd ed.), *English Glass*, London: A & C Black
2nd-20th centuries.

Winbolt SE, 1933, *Wealden Glass*, Hove

PRODUCTION AND COMPOSITION

Despite analysis, very little is known about the composition and production of Medieval glass, which is summarised by Ian Freestone (1993). The most significant recent discovery is that some vessels contained up to 75% lead - see Baumgartner E, Krueger I, (1988), 161-175, (under 'General Surveys'). Furnace sites from England are included in this section; those from Europe are found under their relevant countries.

Charleston RJ, 1960, Lead in Glass, *Archaeometry* **3**, 1-4
Views before high lead medieval glass vessels were recognised.

Charleston RJ, 1978, Glass Furnaces through the Ages, in *Journal of Glass Studies* **20**, 9-25

Crossley DW, Aberg FA, 1972, Sixteenth Century Glassmaking in Yorkshire: Excavations at Furnaces at Hutton and Rosedale, North Riding, 1968-1971, *Post-Medieval Archaeology* **6**, 107-159
Detailed report of 'immigrant' type furnaces and their significance, useful for comparison with Medieval furnaces; Charleston, The Vessel Glass, 128-152, includes finds which overlap with Medieval forms.

Dodwell CR (ed.), 1961, *Theophilus: De Diversis Artibus*, London: Nelson & Sons
Book 2: 12th century treatise on Glassworking, 36-60.

Fletcher WW, 1972, The Chemical Durability of Glass. A Burial Experiment at Ballidon in Derbyshire, *Journal of Glass Studies* **14**, 149-151
Shows weathering of medieval type glass in acidic and alkaline conditions.

Freestone IC, 1991, Looking into Glass, Bowman S (ed.), *Science and the Past*, London: British Museum Press, 37-56
General discussion of glass analysis, with section on 'Enamelled Glass' (13th century 'Syro-Frankish' beakers).

*Freestone IC, 1993, Theophilus and the Composition of Medieval Glass, Vandiver PB, Druzik JR, Wheeler GS, Freestone IC (eds.), *Materials Issues in Art and Archaeology III*, Pittsburgh: Materials Research Society Symposium Proceedings 267, 739-746

Current understanding of composition compared with Theophilus' instructions, examples from a wide range of 12th century objects and locations.

*Hawthorne JG, Stanley Smith C, 1979, *Theophilus: On Divers Arts*, New York: Dover (2nd edition) (1st edition 1963 Chicago University Press)
Book 2: 12th century treatise on Glassworking, 45-74.

Hunter JR, 1985, Glass and glassmaking: overview of material technology, Phillips P, (ed.), The archaeologist and the laboratory, *Council for British Archaeology Research Report* **58**, 63-66

Merrifield M (ed.), 1967, *Original Treatises on the Arts of Painting*, New York: Dover Publications (First edition 1849 London: John Murray)
Includes Eraclius 'De Coloribus et Artibus Romanorum': how glass was invented, is made, coloured, painted and sculpted.

Mortimer C, 1991, Analysis of medieval and post-medieval glass from the City of London, *Ancient Monuments Laboratory Report* **135/91**

*Newton RG, Davison S, 1989, *Conservation of Glass*, London: Butterworth-Heinemann
Includes nature and development of glass, technology of production, deterioration and conservation.

Sanderson D, Hunter JR, 1981, Composition Variability in Vegetable Ash, *Science and Archaeology* **23**, 27-30
Experiments on seaweed (N.Yorkshire) and oak and beech ash (Surrey/Sussex Weald), showing high compositional variability.

Verità M, 1985, L'Invenzione del cristallo Muranese una verifica analitica delle fonti storiche, *Rivista della Stazione Sperimentale del Vetro* **1**, 17-36

Key reference in the composition of Venetian glass.

Verità M, Toninato T, 1990, A comparative analytical investigation on the origins of the Venetian glassmaking, *Rivista della Stazione Sperimentale del Vetro* **4**, 169-175

Vince A (ed.), 1991, Glass, Aspects of Saxo-Norman London: 2 : Finds and Environmental Evidence, *London and Middlesex Archaeological Society Special Paper* **12**, 172-3

Includes discussion of 10-12th century AD soda, potash and lead glass found in London and their sources.

Wood ES, 1965, A Medieval Glasshouse at Blunden's Wood, Hambledon, Surrey, *Surrey Archaeological Collections* **62**, 54-7

Dated to c.1330 AD.

BRITISH EXCAVATION REPORTS AND OTHER FINDS

This section is divided into regions, and includes all published Medieval Vessel Glass, except where it is only mentioned but not described, or if there is only one undiagnostic fragment. Entries are annotated to give a brief description of the glass described. It is specified if fragments are known to be unstratified, although some of the stratified fragments have no dating evidence. Glass is listed under the place **found**, rather than the place of origin.

Central England

(Bedfordshire, Buckinghamshire, Cheshire, Derbyshire, Gloucestershire, Hereford and Worcester, Leicestershire, Nottinghamshire, Northamptonshire, Shropshire, Staffordshire, Warwickshire, West Midlands)

Baker D, Baker E, Hassall J, Simco A, 1979, Vessel Glass, Excavations in Bedford 1967-1977, *Bedfordshire Archaeological Journal* **13**, 273-4

Fragment of 13/14th century bright green/yellow goblet from St Mary's Street.

Colvin HM, 1938, Excavations at Dale Abbey: Interim Report, *Journal of Derbyshire Archaeological and Natural History Society*, 87-94

Enamelled 'Syro-Frankish' glass fragment, 13/14th century.

Harden DB, Tatton-Brown V, 1983, Medieval Vessel Glass, Heighway C et al., The East and North Gates of Gloucester and Associated Sites. Excavations 1974-81, *Western Archaeological Trust Excavation Monograph* **4**, 171

1 colourless blobbed rim, 12/13th century.

Hunter JR, Oakley GE, 1979, The Glass, Williams F, Excavations on Marefair, Northampton 1977, *Northamptonshire Archaeology* **14**, 74

15/16th century flask fragment.

Mellor JE, Pearce T, 1981, The Austin Friars, Leicester, *Council for British Archaeology Research Report* **35**, CBA and Leicester County Council, 139

Pale blue goblet fragment, c.1500 AD.

Oakley GE, 1976, The Glass, Mynard DC, Excavations on Mayorhold, Northampton 1971, *Northamptonshire Archaeology* **11**, 146

13/14th century urinal fragment.

Oakley GE, 1978, The Vessel Glass, Williams JH, Excavations at Greyfriars, Northampton 1972, *Northamptonshire Archaeology* **13**, 153

4 fragments of forest glass, including possible alembic, c.1500 AD.

Oakley GE, 1984, The Glass, Shaw M, Excavations on a Medieval site at Dergate, Northampton, *Northamptonshire Archaeology* **19**, 81

Urinal fragment, 'Medieval' context.

Oakley GE, Hunter JR, 1979, The Glass, Williams JH, *St. Peter's Street, Northampton: Excavations 1973-76*, 297-302

Some stratified fragments, including hanging lamps, urinals, beakers, flasks. Late 14th to early 16th centuries.

Rahtz PA, 1983, Glass Vessels, Hirst SM, Walsh DA, Wright SM, Bordesley Abbey II, Oxford: *British Archaeological Report 111*, 171-2

From bases of 5 vessels including hanging lamps, c.AD 1260-1500 .

Eastern England

(Cambridgeshire, Essex, Lincolnshire, Norfolk, Suffolk)

*Charleston RJ, 1972, Glass, Moorhouse S, Finds from Excavations in the Refectory at the Dominican Friary, Boston, *Lincolnshire Archaeology and History 1:7*, 45-48, 52-3

Fine colourless glass - bowl with blue and colourless prunts, 5 other fragments, with discussion. Late 13th to late 14th centuries.

Charleston RJ, 1980b, Vessel Glass, Christie PM, Coad JG, Excavations at Denny Abbey, *Archaeological Journal 137*, 138-279

11 fragments, late 15th/early 16th centuries.

Charlesworth D, 1969, Glass Flasks, Rahtz PA, Excavations at King John's Hunting Lodge, Writtle, Essex, 1955-57, *Society for Medieval Archaeology Monograph Series 3*, London, 85-6

4 15th century flasks - 3 potash, 1 soda glass - other fragments were present.

Charlesworth D, 1977, The Vessel Glass, William F, Excavations at Pleshey Castle, Oxford: *British Archaeological Report 42*, 174

15th century flask rim and kicked base.

Haslam J, 1982, Medieval Vessel Glass, Coad JG, Streeten ADF, Excavations at Castle Acre Castle, Norfolk 1972-77, *Archaeological Journal 139*, 265

Neck fragment of small bottle, in 12th century layers.

Haslam J, 1993, Glass Vessels, Margeson S, Norwich Households: The Medieval and Post-Medieval Finds from Norwich Survey Excavations 1971-1978, *East Anglian Archaeology 58*, Norwich Survey/Norfolk Museums Service, 97-117

'Medieval types' Nos. 599-608, and scattered amongst other sections. c. AD 1200-1500 and later.

Margeson S, The Small Finds, Atkin M, Carter A, Evans DH, 1985, Excavations in Norwich 1971-1978 Part 2, *East Anglian Archaeology 26*, 58 & 62

c. 5 fragments, identified by J. Haslam. c.13th to early 16th centuries.

Huggins PJ, 1976, Glass, The Excavation of an 11th Century Viking Hall and 14th Century Rooms at Waltham Abbey, Essex, 1969-71, *Medieval Archaeology 20*, 117

Fragments from late 15th century urinal, dish, flask and goblet in dissolution debris.

Williams V, 1987, Glass Objects, Ayers B, Excavations at St. Martin-at-Palace Plain, Norwich, 1981, *East Anglian Archaeology 37*, Norfolk Archaeology Unit, 73

Fragment with applied trail.

Northern England

(Cleveland, Cumbria, Durham, Humberside, Greater Manchester, Lancashire, Merseyside, Northumberland, Tyne and Wear, Yorkshire)

Armstrong P, 1974, *Excavations in Sewer Lane, Hull*, East Riding Archaeologist **3**, 61-3

3 fragments, late 13th to 15th centuries (and later).

Armstrong P, 1980, Excavations in Scale Lane and Lowgate, Hull, *East Riding Archaeologist* **6**, 64-5

7 fragments, late 14th to early 16th centuries.

Armstrong P, Ayers B, 1987, Excavations in High Street and Blackfriargate, Hull, *East Riding Archaeologist* **8**, 193-4

6 late 13th/14th century stratified, 2 unstratified fragments.

Charleston RJ, 1959 (March), The Luck of Edenhall, *The Connoisseur* **143**, No.575, 34/5

13th century Islamic enamelled beaker with 14th century leather case.

Charlesworth D, 1967, Vessel Glass, Jobey G, Excavations at Tynemouth Priory and Castle, *Archaeologia Aeliana*, **4th Series XLV**, 83-86

c. 8 fragments from flasks/ hanging lamps, ?13th century.

Harden DB, 1966, Glass, Jean le Patourel HEJ, Knaresborough Castle, *Yorkshire Archaeological Journal* **164**, 606-7

Fragments from 5 vessels including lead glass goblet and Islamic hanging lamp, 13/14th century.

Harden DB, 1973, Glass, Jean le Patourel HEJ, The Moated Sites of Yorkshire, *Society for Medieval Archaeology Monograph Series* **5**, London, 89-90

5 fragments from East Haddesley, late 15th/early 16th century.

Henderson J, 1991, The Glass, Armstrong P, Evans DH, Tomlinson D, Excavations at Lurk Lane, Beverley, *Sheffield University Excavation Reports* **1**, Humberside Archaeology Unit, 124-130

5 fragments, late 12th to 15th centuries.

Henderson J, 1992, The Glass, Evans DH, Tomlinson DG, Excavations at 33-35 Eastgate, Beverley, 1983-86, *Sheffield University Excavation Reports* **3**, Humberside Archaeology Unit, 135-7

11/12th C. ?bowl fragment; 14th C. yellowish fragment with pincer trail.

*Moorhouse SA, 1983, Vessel Glass, Mayes P, Butler LAS, *Sandal Castle Excavations 1964-73*, Wakefield Historical Publications, 225-230

Over 200 fragments, including distilling equipment and other forest glass.

Thorn J, 1980, Small Finds Report, Johnson S, Excavations at Conisborough Castle 1973-1977, *Yorkshire Archaeological Journal* **52**, 82-3

No. 13: 14th century urinal/flask fragments.

South East England

(Greater London, Hertfordshire, Kent, Surrey, Sussex)

Charleston RJ, 1974, The Glass, Neal DS, Excavations at the Palace and Priory, King's Langley, *Hertfordshire Archaeology* **3**, 67-9

5 fragments, including unusual goblet form. Late 13th - early 15th century cellar fill.

Charleston RJ, 1981, Medieval and Post-Medieval Glass from the North-West Quadrant, Down A, *Chichester Excavations V*, Chichester Excavations Committee, 221-228

3 vessels represented, late 13/14th century.

Charleston RJ, 1983a, Vessel Glass, Streeten A, Bayham Abbey, *Sussex Archaeological Society Monograph* **2**, 112-116

Medieval bowl and flask fragments; much green forest glass in mid 13th century to post-Dissolution debris.

*Charleston RJ, 1985, Vessel Glass, Hare JN, Battle Abbey: The Eastern Range and the Excavations of 1978-80, London: *HBMCE Archaeological Report* **2**, 139-146

c. 43 vessels represented, with discussion. Late 13th to early 15th centuries.

*Clark J, 1983, Medieval Enamelled Glasses from London, *Medieval Archaeology* **27**, 152-156

Fragments from 8 13th/14th century 'Syro-Frankish' enamelled beakers from Foster Lane.

Clark J, 1986, Medieval Glass, Blackmore L, Schwab I, From the Templars to the Tenement: A Medieval and Post-Medieval site at 18 Shore Rd, E9, *Transactions of the London and Middlesex Archaeological Society* **37**, or *Department of Greater London Archaeology Offprint* **13**, 180-1

Includes fragments from 2 colourless blue trailed goblets, an undecorated fragment and discussion of parallels. 13th to 15th centuries.

Cook JL, 1958, A Fragment of Early Medieval Glass from London, *Medieval Archaeology* **2**, 173-177

Discussion of Cheapside House 13th century high-stemmed 'Syro-Frankish' enamelled glass.

Cook NC, 1967, Medieval Glass from London, *The Antiquaries Journal* **47.2**, 287
15th/16th century bottles/ flasks from Dyers Arms, near Cannon Street.

Freke DJ, 1978, The Glass, Excavations in Church Street, Seaford 1976, *Sussex Archaeological Collections* **116**, 211

14th century red glass fragment with pincer trail.

Harden DB, 1961, The Glass, Hurst JG, The Kitchen Area of Northolt Manor, Middlesex, *Medieval Archaeology* **5**, 287

Prunt from 13th/14th century beaker.

Harden DB, 1969b, Glass, Evans KJ, The Maison Dieu, Arundel, *Sussex Archaeological Collections* **107**, 73-4

14th/15th century opaque red fragments.

Harden DB, 1989, Glass Objects, Martin D, Three Moated Sites in N-E Sussex Part 1: Glottenham, *Sussex Archaeological Collections* **127**, 113-4

3 13th/14th century fragments, green bowl and goblets.

Moorhouse SA, 1977, The Glass, Barton KJ, Holden EW, Excavations at Bramber Castle, Sussex, 1966-67, *Archaeological Journal* **134**, 70-72

5 15th/16th century flasks and alembics represented, from 1956 clearance work by National Trust.

Noël Hume J, 1957, Medieval Bottles from London, *The Connoisseur* **150**, 104-108

Includes various late 13th to (mostly) 15th century flasks, 'urinals' and phials unpublished elsewhere.

Shepherd J, 1983, The Glass, Rudling DR, The Archaeology of Lewes: Some Recent Research, *Sussex Archaeological Collections* **121**, 58-9

13th-16th century flask/urinal fragment.

Shepherd J, 1990, Linacre Garden - The Glass, Driver AC, Rady J, Sparks M, Excavations in the Cathedral Precincts, 2 Linacre Garden, 'Meister Omers', and St. Gabriel's Chapel, *The Archaeology of Canterbury* **IV**, Kent Archaeological Society, 206-214

Up to 20 vessels represented - 13th to late 15th century and later.

Spence C, Grew F (eds.), 1990, 1-4 Great Tower Street, *Museum of London Department of Urban Archaeology, The Annual Review 1989*, 18-19

Gilded enamelled beaker of c. 1500 AD.

Williams DW, 1983, Islamic Glass Vessel Fragments from the Old Vicarage, Reigate, Surrey, *Medieval Archaeology* **27**, 143-6

5 small fragments of 13th century manganese glass, identified by Robert Charleston.

South West England

(Avon, Cornwall, Devon, Dorset, Somerset)

Beresford G, 1974, Glass, 'The Medieval Manor of Penhallam, Jacobstow, Cornwall', *Medieval Archaeology* **16**, 90-139

Fragments of 13th to 15th century blue jug and green glass.

Charleston RJ, 1983b, The Glass, Jarvis KS, Excavations in Christchurch 1969-1980, *Dorset Natural History and Archaeological Society Monograph* **4**, 72-73

6 fragments: colourless from Priory garderobe; green and black from Staggs site. 13th to 15th century.

*Charleston RJ, 1984b, The Glass, Allan JP, Medieval and Post-Medieval Finds from Exeter 1971-1980, *Exeter Archaeological Reports* **3**, Exeter City Council and University, 258-278

At least 48 vessels represented, with discussion, c.AD 1300-1500 (and later).

Charleston RJ, 1992, The Glass, +Horsey IP: Jarvis KS (ed.), Excavations in Poole 1973-1983, *Dorset Natural History and Archaeology Society Monograph* **10**, 134-139

13/14th century fragment.

Saunders A, 1977, Excavations at Launceston Castle 1970-76: Interim Report, *Cornish Archaeology* **16**, 129-137

References to 'Syro-Frankish' enamelled vessel, urinal and other fine glassware from c.1300 AD, not illustrated.

Southern England

(Berkshire, Hampshire, Isle of Wight, Oxfordshire, Wiltshire)

Biddle M, 1961/2, Objects of Glass, The Deserted Medieval Village of Seacourt, *Oxoniensia* **26/7**, 185 & Plate X,D

Fragment of gilded blue glass bottle, prob. 12th century East Mediterranean. Commented on by DB Harden.

Charleston RJ, 1964, Medieval and Later Glass, in Cunliffe B, Winchester Excavations 1949-60, *Winchester Studies I* (City Museum and Libraries Committee), 145-151

13/14th century to mostly post-Medieval.

*Charleston RJ, 1975a, The Glass, in Platt C, Coleman-Smith R (eds.), *Excavations in Medieval Southampton 2: The Finds*, Leicester University Press, 204-226 & Plates 104-108

Numerous and wide ranging, with introductory essay. Late 13th to late 15th century and post-Medieval.

Charleston RJ, 1971, Glass, Hassall TG, Excavations at 44-46 Cornmarket Street, Oxford, 1970, *Oxoniensia* **36**, 27-8

14th century jug fragment.

Charleston RJ, 1988, Vessel Glass, James TB, Robinson AM, Clarendon Palace: The History and Archaeology of a Medieval Palace and Hunting Lodge near Salisbury, Wiltshire, *Reports of the Research Committee of the Society of Antiquaries of London XLV*, The Society of Antiquaries of London, 193-195

Fragments from a ?14th century goblet.

*Charleston RJ, 1990, Vessel Glass of the late Medieval and Modern Periods, Biddle M, Object and Economy in Medieval Winchester, *Winchester Studies* 7.2, Oxford University Press, 934-947

At least 36 Medieval vessels represented, with discussion, from late 11th century onwards.

Sutermeister H, 1975, Excavations on the Site of the Tudor Manor House at Micheldever, Hampshire, *Post-Medieval Archaeology* 9, 132-3

Soda glass bowl fragment in 14th century pit.

*Wenzel M, 1984, Thirteenth-Century Islamic Enamelled Glass found in Medieval Abingdon, in *Oxford Journal of Archaeology* 3.3, 1-21

13th century beaker, with discussion of parallels and other Islamic glass found in England.

MEDIEVAL VESSEL GLASS FROM OTHER COUNTRIES

This section is intended only as a brief introduction for each country, from some of the more accessible publications. Some of the exhibition catalogues carry a fully comprehensive bibliography. Again, the glass is listed under the place found, not place of origin.

EASTERN EUROPE

Charleston RJ, 1975b, Some English Finds of Medieval Glass with Balkan Analogues, *Verre Médiéval aux Balkans*, Belgrade, 101-7

Han V, 1981, Glass in the Balkans from 12th to 15th Centuries, *Annales du 8e Congrès Internationale d'Etudes Historique du Verre 1979*, Liège: AIHV, 195-212

Hejdova D, 1975, Types of Medieval Glass Vessels in Bohemia, *Journal of Glass Studies* 17, 142-150

14/15th century.

Holl-Gyürky K, 1986, The Use of Glass in Medieval Hungary, in *Journal of Glass Studies* 28, 70-81

12th to 15th centuries.

Kojic L, Wenzel M, 1967, Medieval Glass found in Yugoslavia, *Journal of Glass Studies* 9, 76-93

From graves, altars and settlements of the 14/15th centuries.

Wenzel M, 1977, A Reconsideration of Bosnian Medieval Glass, in *Journal of Glass Studies* 19, 63-76

FRANCE

Barrelet J, 1953, *La verrerie en France de l'époque gallo-romaine à nos jours*, Paris: Larousse

Barrera J, 1990a, Le verre à boire des fouilles de la Cour Napoléon du Louvre (Paris), *Annales du 11e Congrès Internationale d'Etudes Historique du Verre 1988*, Amsterdam: AIHV, 347-364

Barrera J, 1990b, La Verrerie Médiévale et Moderne, Collection Thaurin, Musée des Antiquités de Rouen, *Revue archéologique de l'Ouest* 7, 115-129

With table of results of chemical analysis.

Barrera J, Velde B, 1989a, A Study of French Medieval Glass Composition, *Journal of Glass Studies* 31, 48-54

9th-17th centuries.

*Barrera J, Velde B, 1989b, A Study of French Medieval Glass Composition, *Archéologie Médiévale* 19, 81-130

A full report of what is summarised in 1989a, including tables of results of analysis, 9th-17th centuries.

Foy D, 1981, Fouilles de la verrerie médiévale de Cadrix (Var), *Annales du 8e Congrès Internationale d'Etudes Historique du Verre 1979*, Liège: AIHV, 179-194

Foy D, 1985, Essai de typologie des verres médiévaux d'après les fouilles provençales et languedociennes', *Journal of Glass Studies* **27**, 18-71
English summary; fully illustrated, 12th-16th centuries.

Foy D, 1988, *Le verre médiéval et son artisanat en France méditerranéenne*, Paris: Centre National de la Recherche Scientifique

*Foy D, Sennequier G, 1989, *A travers le verre du moyen âge à la Renaissance*, Rouen: Musée Départemental des Antiquités
Catalogue from major exhibition at Musée des Antiquités, Rouen, 1989-90, with comprehensive bibliography for French glass. 5th to 16th centuries.

GERMANY, SCANDINAVIA AND THE LOW COUNTRIES

(Also see Baumgartner E, Krueger I, 1988, under 'General Surveys')

Baumgartner E, 1987, *Glas des Späten Mittelalters: die Sammlung Karl Amendt*, Düsseldorf

Baumgartner E, Krueger I, 1985, Zu Gläsern mit hohem Stiel oder Fuß des 13. und 14. Jahrhunderts, *Bonner Jahrbücher* **85**, 363-413

Boymans-van Beuningen Museum, 1991, *Pre-industriële Gebruiksvoorwerpen / Pre-industrial Utensils, 1150-1800*, Rotterdam: Museum Boymans-van Beuningen

Chambon R, 1955, *L'histoire de la verrerie en Belgique du Ile siècle à nos jours*, Brussels

Charleston RJ, 1976, A 13th century Syrian Glass Beaker excavated in Lübeck, Ahlers A, *Lübeck 1266*, 321-337
Includes a gazeteer of finds of Islamic glass in the West.

Hoekstra TJ, 1986, An Enamelled Goblet from Utrecht, *Journal of Glass Studies* **28**, 66-69
13/14th century 'Syro-Frankish' enamelled type, depicting large birds.

Isings C, Wijnman HF, 1977, Medieval Glass from Utrecht, *Journal of Glass Studies* **19**, 77-83

Krueger I, 1984, Mittelalterliches Glas aus dem Rheinland, *Bonner Jahrbücher* **84**, 505-560
12th-16th centuries.

Lamm CJ, 1941, *Oriental Glass of Medieval Date Found in Sweden and the Early History of Lustre-Painting*, Stockholm: Wahlstrom and Widstrand
Includes 'Syro-Frankish' enamelled vessels.

Rademacher F, 1933, *Die deutschen Gläser des Mittelalters*, Berlin

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The *Bulletins de l'Association Internationale pour l'Histoire du Verre* published by the AIHV at Liège from 1962, contain surveys of the glass in museums of the country hosting the Congrès: Holland, Poland, Syria, Czechoslovakia, Belgium, Tunisia, W. Germany, Italy, excepting the British issue which contains articles by period (see Charleston RJ (1980a)). The Association also publishes the papers from each congress as the *Annales*, which are referred to in the bibliography as relevant.

Additionally, the *Association Française pour l'Archéologie du Verre* sends out bulletins and has its own conferences. Contact: G. Sennequier, Musée des Antiquités, 198 Rue Beauvoisine, 76000 Rouen, France.