'Candidate Towns of England and Wales, c.1563-1911 GIS shapefile documentation' by Max Satchell

Filename: CandidateTownsofEnglandandWalesc1563_1911.shp

This shapefile consists of point data of 1746 candidate towns in England and Wales occurring at least once either in lists of towns compiled by Peter Clark, Alan Everitt, John Langton, Chris Law and Brian Robson for the period 1563 to 1911 or extracted from 22 historic texts which list towns published between 1612 and 1888. This shapefile gives the locations of the towns. The full records of these data are in a separate access data base.[1] The attribute table derives from a matrix of the texts which make up the dataset. The name of each field is an abbreviated title of a text. Appendix 2 lists the abbreviated field names, the database version of the field names and the full titles of the text. Every time a town occurs in a source it is indicated by "yes" in the appropriate field in the matrix column for each text so it is possible to though it does have a field by which data extracted from the database can be joined to the GIS. The broad ranging nature of the database means that the "towns" in this shapefile range from large cities like London and Manchester to a substantial number of very marginal seventeenth century market centres many of which were in the throes of de-urbanisation. Given the obvious difficulties of definition the settlements represented in this dataset are referred to as candidate towns. The creation of this dataset was generously funded by grants from the NSF Modelling the Transport Revolution and the Industrial Revolution in England (SES-1260699) and the Leverhulme Trust Transport and Urbanization c.1670-1911 (RPG2013-093).

A number of individuals contributed to the work. Leigh Shaw-Taylor conceived the idea for and the initial database structure. Lists of towns were chosen by Leigh Shaw-Taylor, Tony Wrigley, Dan Bogart and Max Satchell. The database was first created by Mischa Davenport under the supervision of Leigh Shaw-Taylor who also supervised revisions by Aurianne Turki-Mignot. Gill Newton comprehensively overhauled the database and systematised its GIS linkages. Town lists were digitized by Dan Bogart, Mischa Davenport, Aurianne Turki-Mignot, and Annette McKenzie. The first tranche of GIS work was executed by Max Satchell and Ellen Potter. Further town points digitised by Eduard Alvarez, Bonney O'Hanlon and Spike Gibbs. Sebastiaan Keibek and Alan Rosevear identified errors and Alan Rosevear corrected those which were for towns in 17th century sources.

Digitising town locations
The method of digitising a point for the towns was devised by Max Satchell and Ellen Potter. The idea was to establish an accurate and consistent set of town central points suitable for network analysis based on enduring features. Since some towns might not have a particular feature and some features are more desirable because they are more likely to be central and enduring, Satchell came up with a hierarchy of features that could be regarded as the "centre" of the settlement for the period c. 1680-1911. In descending order of desirability, the hierarchy used is:

1) Market place or a market feature such as a market house, corn exchange etc.
2) Parish church
3) Inn
4) Post Office
5) Public House
6) centre of the High Street

[1] Shaw-Taylor, L., G. Newton, M. Satchell, A.D., Terki-Mignot, D. Bogart, A. McKenzie, 'Database of Candidate Towns and Markets of England and Wales 1563-1911'. A description of this dataset can be found in G. Newton 'Database of Candidate Towns and Markets of England and Wales 1563-1911', http://www.geog.cam.ac.uk/research/projects/occupations/datasets/documentation.html

According to the method the would-be digitiser would use the co-ordinates of the market place if the town had a market. In the absence of a market the digitiser would look for the parish church and if the church was not peripherally located would use its co-ordinates. If there was no market place or parish church, they would look to see if there was a centrally located inn and so on working their way successively through the list. This system obviously is relatively crude and does not capture particular nuances of some towns, such as changes in the town plan over time but it has the advantage of being clearly documentable and relatively easy to implement. Ellen Potter successively searched through the digital resources listed in Appendix 2 to create robust locations for the town points. In some instances she also obtained co-ordinate data from scans of georeferenced Ordnance Survey maps of the first edition 6 and 25" mapping (1840-1890) available from the Edina Digimap website.[2] These same method and sources was used by the later digitisers.

Attribute Data

Field	Data Type	Description
FID	Object ID	Unique id for each line in the table
Shape	Point	Point to represent the "centre" of the town
NewStandard	Text	Place name of town and county concatenated
Place	Text	Place name of town
County	Text	County
cl15631851	Text	Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.
speed1612	Text	Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.
evrit_1640	Text	Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.
lngtC17_19	Text	Town list. If "yes" is in this field, the candidate town is mentioned in the list. See

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[2] https://digimap.edina.ac.uk/historic

		appendix 2 for bibliographical details of the list.
blome1673	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
Blome1677	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
ogilby1676	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
villa1677	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
villa1699	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
panari1693	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
Vademe1720	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
stow1722	**Text**	**Town list. If "yes" is in this**

		field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.
Cities1750	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1762	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1792	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1813	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1827	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1834	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1856	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the**

		list.
owens1888	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
parlb_1832	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
pigots18xx	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
lawrob18xx	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
cl15631851	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
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pigots18xx	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
lawrob18xx	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**
owens1827	**Text**	**Town list. If "yes" is in this field, the candidate town is mentioned in the list. See appendix 2 for bibliographical details of the list.**

Data from the 'Database of Candidate Towns and Markets of England and Wales 1563-1911 can be joined to the shapefile using the NewStandard field.

Co-ordinate system

British_National_Grid

Projection: Transverse_Mercator

False_Easting: 400000.000000

False_Northing: -100000.000000

Central_Meridian: -2.000000

Scale_Factor: 0.999601

Latitude_Of_Origin: 49.000000

Linear Unit: Meter

GCS_OSGB_1936

Datum: D_OSGB_1936

Citation Guidelines

The citations in this document should be used to reference any maps and/ or data when they have been included in any essays, dissertations or other academic works. You should cite the data even if it does not appear as an image or map in your work if it has been used to generate findings or a new dataset that is used.

Citation

Satchell, M., Potter, E., Shaw-Taylor, L., Bogart, D., 'Candidate Towns of England and Wales, c.1563-1911', 2017.A description of the dataset can be found in M. Satchell, 'Candidate Towns of England and Wales, c.1563-1911 GIS shapefile' http://www.geog.cam.ac.uk/research/projects/occupations/datasets/documentation.html

Appendix 1: Digital Sources for the location of markets and churches

Extensive Urban Survey Reports Series available from the Archaeology Data Service http://archaeologydataservice.ac.uk/archives/view/EUS/ consulted March April 2014-2015

Cornmarkets location co-ordinate data. Our thanks to D'Maris and Louise Pryor for sharing their data with us: https://www.cornreturnsonline.org/downloads/

ListedBuildingsPoints.shp available from Historic England https://services.historicengland.org.uk/NMRDDataDownload/SecurePages/Download.aspx downloaded 23 March 2014

Ordnance Survey 1:10560 and 1:2500 first edition mapping 1840-1890

M. Satchell, AnglicanchurchesandchapelswithRegisterdata.shp

Appendix 2: Texts used to compile the towns database and GIS

Attribute table field names	Database field names	Reference
cl15631851	clark1563to1851	Clark, P. and Hoskins, J. (1993) Population estimates of English towns 1550-1851, revised edition, Working Paper No. 5, Centre for Urban History, University of Leicester.
speed1612	speed1612	Speed, J., The theatre of the empire of Great Britaine presenting an exact geography of the kingdomes of England, Scotland, Ireland (1612)
evrit_1640	everitt<1640	Everitt,A., The marketing of agricultural produce, 1500-1640 in The Agrarian History of England and Wales The Agrarian History of England and Wales: Series Number 4: 1500-1640 Volume 4 (1990)
lngtC17_19	langtonC17toC19	langton.tab, 17th century, 1801, 1841 in Bennett, R. J. (2012). Urban Population Database, 1801-1911. [data collection]. Robson, B., University of Manchester, Department of Geography. SN 7154, http://doi.org/10.5255/UKDA-SN-7154-1
blome1673	oldblome1673	Blome, R., Britannia, or a Geographical Description of the Kingdom of

		England, Scotland and Ireland (1673)
Blome1677	newblome1677	Blome, R., Britannia, or a Geographical Description of the Kingdom of England, Scotland and Ireland (1677)
ogilby1676	ogilby1676	Ogilby, J., Mr. Ogilby's Tables of his measur'd roads So digested, that any great road or branch may readily be found; with the general and particular, computed & measur'd distance, and the distinction of market and post-towns. With other remarks. To which is added, A true account of the markets and fairs, &c. collected in his survey (1676)
villa1677	villaris1677	Adams, J., Index Villaris (1677)
villa1699	villaris1699	Adams, J., Index villaris (1699)
panari1693	panarith1693	Leybourn, W., Panarithmologia, being a Mirror Breviate Treasure Mate for Merchants, Bankers, Tradesmen, Mechanicks (1693)
Vademe1720	vademecum1720	Great Britain's Vade Mecum (1720)
stow1722	stow1722	Stow, W., Remarks on London: Being an Exact Survey of the Cities of London and Westminster (1722)
Cities1750	severalcities1750	An account of the several cities and market-towns in England and Wales (1750)
owens1762	owens1762	Owen, W., Owen's new book of fairs (1762)
owens1792	owens1792	Owen, W., Owen's new book of fairs (1792)
owens1813	owens1813	Owen, W., Owen's new book of fairs (1813)
owens1827	owens1827	Owen, W., Owen's new book of fairs (1827)
owens1834	owens1834	Owen, W., Owen's new book of fairs (1834)
owens1856	owens1856	Owen, W., Owen's new book of fairs (1856)
owens1888	owens1888	Owen, W., Owen's new book of fairs (1888) reproduced in First report of the royal commission on market rights and tolls. Minutes of evidence, BPP (1890-1), XXXVIII, Cd. 6268, Appendix XXI, pp. 135-222
parlb_1832	parlboroughs<1832	Parliamentary boroughs. From files in occs.geog.cam.ac.uk/TransportUrbanization/Auriane files/Lists of towns by boroughs, quarter sessions, Cambridge Urban History etc/
pigots18xx	pigots18xx	Pigot's directories 1822-1866. The particular volumes are given in the source column of the table in the Towns DatabaseGHN_fresh_kellan.accdb in the table called PIGOTS_1822-68
lawrob18xx	lawrobson18xx	combined data from law_robson.tab and langton.tab, 1801-1911 in Bennett, R. J. (2012). Urban Population Database, 1801-1911. [data collection]. Robson, B., University of Manchester, Department of Geography. SN 7154; http//doi.org/10.5255/UKDA-SN-7154-1