



Textiles in Scotland pre-1750

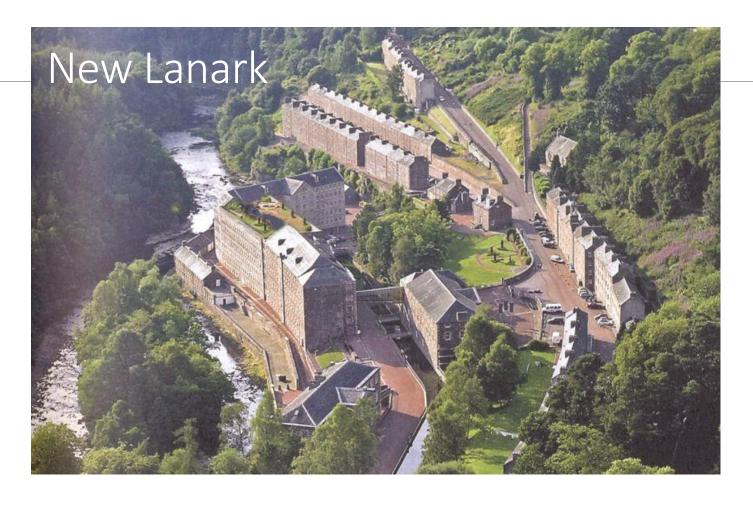
- flax grown fairly widely across Scotland for hundreds of years. Scotland had a linen export trade to England which grew substantially after 1707. Various governmental initiatives to improve the product quality e.g. A group of French Huguenot cambric weavers brought in to teach the skills around 1730 a little village of Picardie built for them close to Edinburgh (now Picardy Place). Establishing of bleachfields also encouraged. No factories Spinners and weavers tended to work from home.
- traditional coarse wool plaids produced in rural areas by handloom weavers for local use.
 Quality of product meant that it was not commercially viable for export. England could produce cheaper and better product.
- Finer cloths for the merchant classes came from England and France.



Textile Revolution

- 4 key technological developments from the north of England then occurred kick-starting the cotton industry in England
 - James Hargreaves the spinning jenny
 - Richard Arkwright the water frame
 - Samuel Crompton the spinning mule
 - Rev. Edmund Cartwright the first powered loom
- 1783 saw the end of the American Wars of Independence and so the opportunity for guaranteed supplies of cotton.
- Richard Arkwright was invited to Scotland and looked at/approved sites at New Lanark and Stanley for water-powered cotton spinning mills in 1784.
- Local employees were sent down to Arkwright's factory at Cromford in Derbyshire to learn how to operate the machinery.
- Further mills in similar water-powered sites were constructed at Catrine, Ayrshire and Deanston, Perthshire







Cotton Industry in Scotland

- First factories were large spinning mills which took advantage of water power so often situated in rural parts of the country. Houses were often required to house workers from elsewhere.
- Social reformers set up model factories with improved housing and conditions, educational facilities (David Dale /Robert Owen at New Lanark)
- Steam power was introduced into the industry before 1800. Meant that factories could be built in urban areas where there was no need to provide housing (or education)
- Large number of women and children employed. Pay rates poor compared with other textiles.
- Cotton technology then adapted for other textiles. (Lots of Scottish innovation employed here and not just James Watt for the steam engine)



Cotton workers in New Lanark



Caithness Row, New Lanark

- Emigrant ship 'Fortune' foundered on the West Coast in 1791.
- David Dale then offered the would-be
 Highland emigrants housing and employment
- He built housing for 200 families this row was named after their homeland
- Later influxes of workers included Irish immigrant families



Plight of the cotton handloom weavers

- By the 1860s there was very little work for traditional cotton handloom weavers (male) in Scotland
- Power loom weaving was much faster and cheaper and employed women and children in abundance at low wage rates
- Bodies like 'Cotton Relief Committee' setup to find solutions to the poverty endemic in the handloom weaving community.
- Emigration to the colonies (to a farmstead) seen as the most practical step. Canada (Quebec and Montreal) the most popular choice of destination
- Numerous reports in the Scottish press at the time



Cotton worker migration



Stanley Mills, Perthshire

- Lots of Scottish workers working in Lancashire cotton mills
- Evidence of English-born mill workers in large rural Scottish cotton mills like Stanley and Deanston in Perthshire where there wasn't a large local population



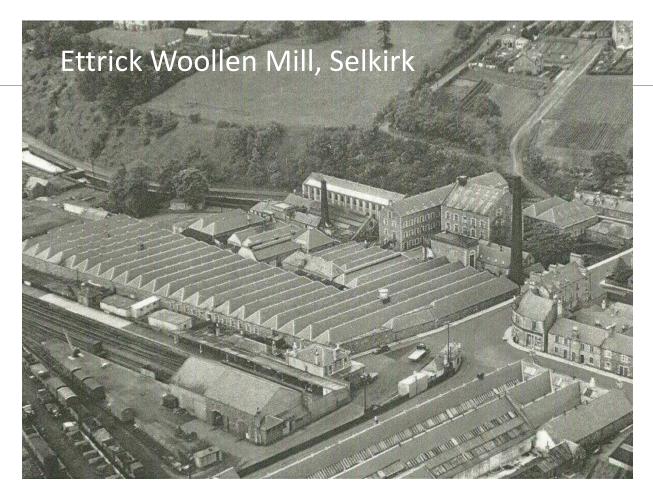
Textile Occupations

- Cotton Carder
- ➤ Cotton Winder
- **≻**Cotton Spinner
- **≻**Cotton Weaver
- > Flax Mill
- > Flax Spinner
- ➤ Linen Winder
- ➤ Linen Weaver
- ➤ Power Loom Tenter

- Damask Weaver
- Wool Carder
- Wool Sorter
- Wool Spinner
- > Framework Knitter
- > Tweed Weaver
- > Tweed Designer
- Power Loom Weaver (PLW)
- Power Loom Tuner

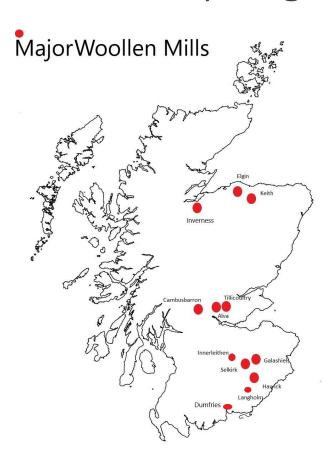
- > Thread Mill
- > Thread Spinner
- > Thread Worker
- > Jute Carder
- > Jute Mill
- Jute Factory
- Jute Spinner
- >Jute Weaver
- ▶ Lace Mill
- ➤ Lace Designer







Woollen Industry Migration



- Original advantages for these locations – local wool + water power
- Later wool from Australia / New Zealand / Argentina – steam/electric power
- By 1890, 37,000 employed in Scotland



1891 Census sample - Galashiels

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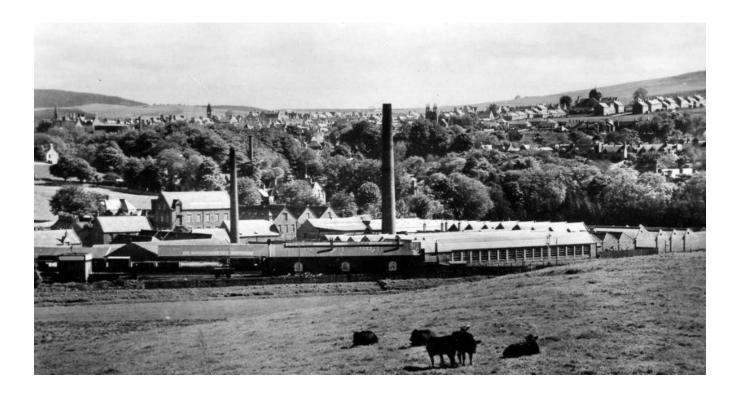
1881 Census – Keith, Banffshire

Source: FHL Film 0203440 GRO Ref Volume 159 EnumDist 5 Page 3

Address	Given Name	Surname	Relation	Condition	Age	e Gender	Occupation	Birth Place	Handicap
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Dwelling: Newmill Road	Mary	MILLAR	Wife	М	31	F		Galashiels, Roxburgh, Scotland	
Dwelling: Newmill Road	Robert	MILLAR	Son		9	М	Scholar	Galashiels, Roxburgh, Scotland	
Dwelling: Newmill Road	James	MILLAR	Son		7	М	Scholar	Selkirk, Selkirk, Scotland	
Dwelling: Newmill Road	Christina	MILLAR	Daur		5	F		Selkirk, Selkirk, Scotland	
Dwelling: Newmill Road	John	MILLAR	Son		2	М		Keith, Banff, Scotland	



Woollens in Keith, Banffshire



Isla Bank Woollen Mills (G & G Kynoch Ltd)



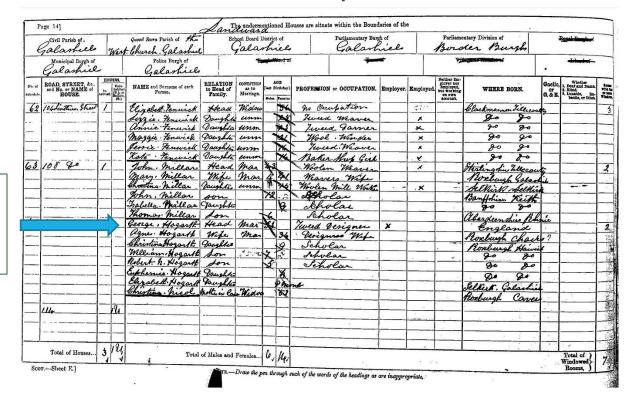
George

Hogarth

Designer

Tweed

1891 Census sample - Galashiels



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1861 Census Wilton, Roxburghshire

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Anthony McKie

(Woollen Weaver)

1891 Census Hawick, Roxburghshire

1891 MCKIE, ANTHONY (Census 789/ 6/ 11) Page 11 of 37 ©Crown copyright, National Records of Scotland. Image was generated at 27 March 2021 00:41

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Dumfries

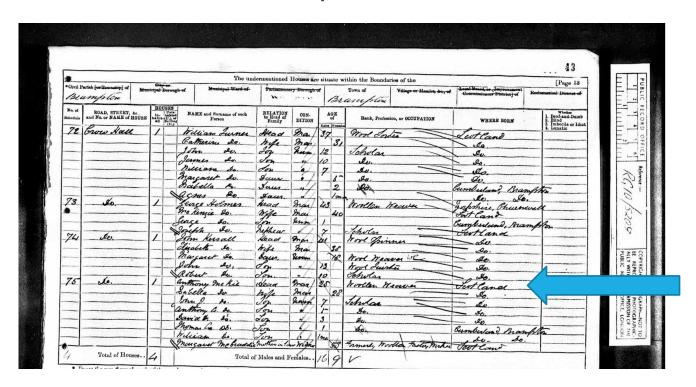
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1871 Census Brampton, Cumberland





Brampton - history

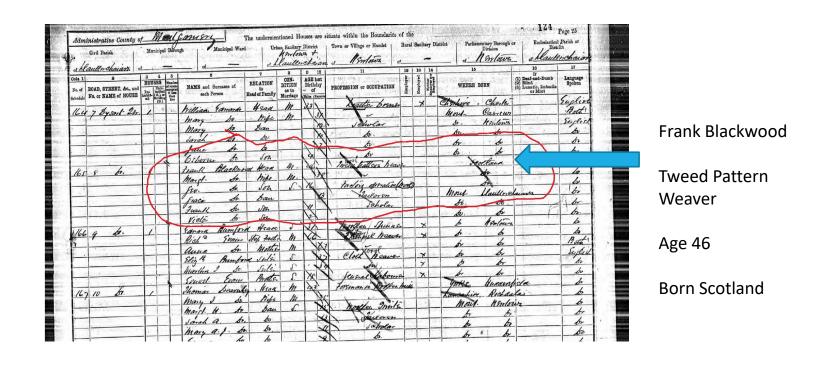
Brampton | Cumbria County History Trust

(https://www.cumbriacountyhistory.org.uk/township/Brampton)

in 1785; one by 1829); both continued into 20th century. Tannery and skin yard from at least 1790, continued throughout 19th century, supplying large number of boot and shoemakers: in 1850s there were 17 businesses employing c.80 shoemakers in Brampton. Textiles employed large numbers (c.200 in 1841), initially weaving checks and ginghams for Carlisle manufacturers. Numerous weaving shops and dye houses in town: one establishment of 13 rooms contained 22 looms in 1815. Scotch Tweed Mill, established 1865, was employing 150 by 1873; destroyed by fire 1875; rebuilt but did not flourish and closed within a few years. Other small-scale manufacturing included hat making and nail making and, during latter part of 19th century, mineral water manufacture. Population grew rapidly, rising to 2,754 by 1841 and peaking at 3,557 in 1871. With decline of manufacturing, Brampton's population fell across late 19th and early 20th century to stand at 2,526 in 1931.



1891 Census – Montgomeryshire, Wales





1871 Census – Galashiels, Rox.



4 Bridge St

Francis Blackwood Head Mar 27 Woollen Weaver Tillicoultry (Clacks)

Maggie Blackwood Wife Mar 19

Morebattle (Rox)



'Register of Criminal Prisoners'

REGISTER OF CRIMINAL PRISONERS.

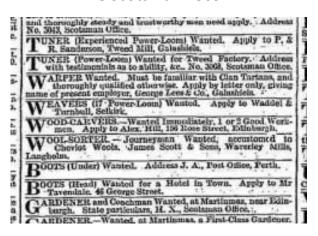
Name	Francis Blackwood
Date	May 28 1872
By Whom Committed	Police Court Galashiels
Age	Age 28
Height	5ft 8½
Where born	Fifeshire
Where living	Galashiels
Weight	100lb
Marks	Dark Hair Swarthy Complexion Dark Eyes
Offence	Assault

Occupation	Mill Worker
Religion	Ep. Church
Reading/Writing	Can read a little Can write a little
Tried by Whom	Police Court Galashiels
Verdict	Convicted
Sentence	10 Days Imprisonment
Release Date	June 7 th
On whose authority	Expiration of Sentence
Conduct in Prison	Tolerable



Advertising – Power Loom Tuner

The Scotsman 1869



The Scotsman 1907

TUNER.—Wanted at once journeyman tuner for section of Hattersley looms. Apply, stating wages wanted, to G. & G. Kynoch, Isla Bank Mills, Keith.

TUNER wanted for blanket looms; man with family working age preferred. Skeldon Mills, Hollybush.

WATCHMAKER.—Young man for town in Forfarshire.

The Scotsman 1919

POWER-LOOM tuner (good) wanted for a well-established woollen mill in New Zealand, near Auckland; must have first-rate references. Apply for particulars and terms to George Burns & Sons, Burnside Works, Galashiels.

DRINTING Warbingman wanted for Country of the Country of the

All press cuttings from Britishnewspaperarchives.co.uk

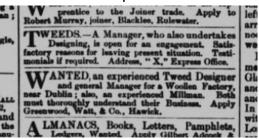


Advertising – Tweed Designer

The Scotsman 1868

MAN (Steady Intelligent) of experience Wanted, who is Clever at Designing Fancy Woollen Goods, and has had the Management of Jacquard, Box, and other Leoms. A favourable opening for a Man of first-class abilities. Address, stating salary required, &c., Messrs Brichall, Webb, & Co., Park Mills, Leeds.

Hawick Express 1879



Alloa Advertiser 1894

WANTED, TWEED DESIGNER, thoroughly experienced in Fancy Goods.—BLENKHORN, RICHARDSON, & Co., Limited, Hawick.

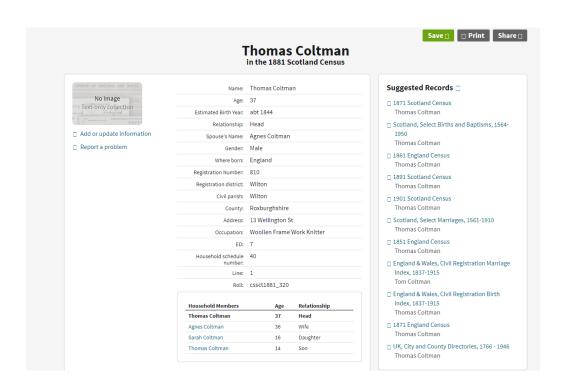


Framework Knitting - Stockingmakers



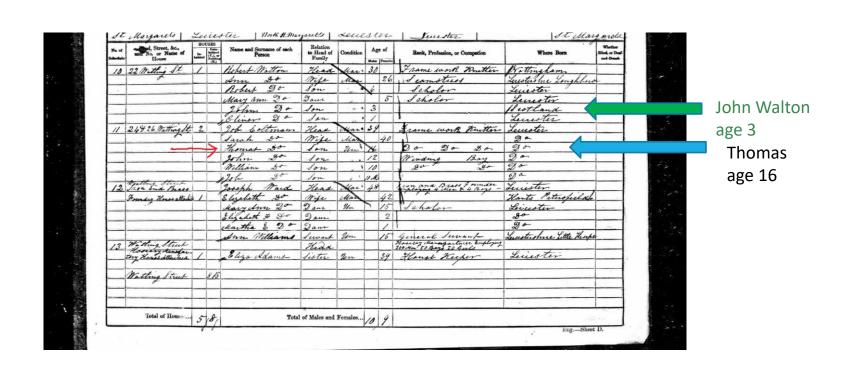


Framework Knitter (Hosiery) - 1881





Framework Knitter (Hosiery) - 1861



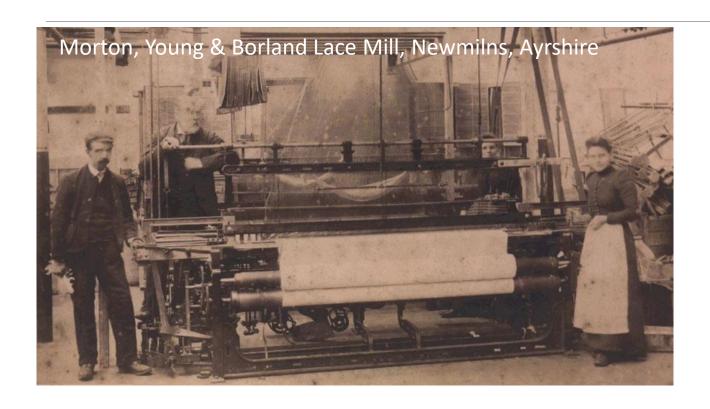


1857 Births



Surname ✓	Forename	Gender	Year	Ref	RD Name	Image View	
WALTON	JOHN	М	1857	810/67	Wilton	View image (6 credits)	







Lace in the Irvine Valley

- Weaving introduced by Huguenot refugees in the 16th century
- The American cotton boom saw a large growth in Handloom Weaving in Newmilns, Darvel and Galston
- Lace making was introduced by Alexander Morton in 1876 which was the start of the Nottingham Lace and Madras Cotton production which continued in volume up until the 1970s.
- One company remains today producing traditional 'Nottingham lace' designs on original looms



Link to Nottingham home of lace making

Before The contents of the Schedule will be trea	The state of the s			se read the E	xamples	and the	Instru	uctions g	ENGLAND AND given on the other side of the paper, as used with regard to individual persons.	vell as the headings of the Co	olumns. The er			Number of Schedul (To be filled up by after col	y the Enumerate Rection.)
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of every Person, whether Member of Family, Visitor, Boarder, or Servant, who (1) passed the night of Sunday, Apri. 2nd, 1911, in this dwelling and was alive at midnight, or (2) arrived in this dwelling on the morning of Monday, April 3rd, not having been enumerated elsewhere. No one else must be included. For order of enteding names see Examples of bank of Scheeling.	THE BEST OF	For	Infants	To the	State, enter	for each l	Married V Scheduler of :—	Voman e, the	Personal Occupation.	Industry or Service with which worker is connected.	Whether Employer, Worker, or Working on Own Account.	Whether Working at House.	(1) If born in the United King- dom, write the name of the County, and Town or Parish.	(1) "Desting and-	If any per included in t Schedule is:- (1) * Total
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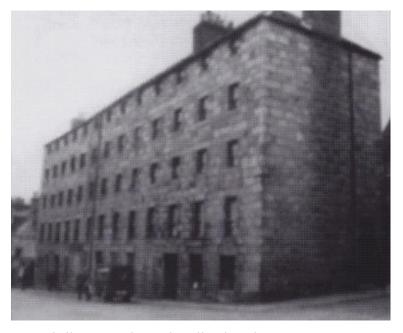






Thread Mills Employment

- First thread mill established in 1735.
 Originally silk threads made
- Moved to cotton following supply disruption during Napoleonic wars
- rivals Clarks / J & P Coats eventually merged. Set up US subsidiary.
- 3rd largest company in the world by 1910
- Principally local employees
- Quite a number of Paisley thread workers in 1901 census born in Aberdeenshire
- Thread manufacture in Aberdeen since 1750.



Porthill Linen Thread Mill, Aberdeen est. 1750



Thread Mills Migration

Paisley Herald 1857 – marriage of James Coats jun. to an American girl (of Paisley blood)

Paisley Herald 1876 – marriage of Thomas Glen Coats to a Canadian girl

HOME-COMING OF MR AND MRS JAMES COATS,

On Thursday last, the west end of Paisley presented a very gay and animated appearance, occasioned by the welcome given by the inhabitants of that district to Mr. James Coats, younger of Woodside, on returning from America with his bride. Our readers already know that on the 15th of last mouth Mr Coats was united in marriage to a daughter of John Auchineloss, Esq., merchant, New York. Although the lady and her father are natives of America, her grandfather was born in Painley, and is still well remembered by many of our fellow-townsmen. It is now a considerable time since he settled in New York, where he became a very successful merchant. The young lady who has now reached our country, although an American by birth, inherits a large proportion of Scottish blood, and partly on that account her welcome has been all the warmer. When intelligence reached town on

MARRIAGE REJOICINGS.

HOME-COMING OF ME AND NES THUMAN OLEN COATS. Ou Tuenday there were great rejoicings in the West-and of the town on the marriage between Mr. Costs and Eline Agnes, daughter of Aluxander Walker, Enq., was celebrated at Montreal on the 28th April last, and the happy couple arrived in this country only a short time since. They will reside at Ferguslie Park, Paisley, where recently a magniticast new massion has been erected, and the beautiful little estate charmingly laid out. With a view of offering a bearty welcome to Mr Conts and his lady, the coplayers at the Fergusile Thread Works, under the superintendence of Mr J. Thomson, head gardenet at Fergustie, erected a triumphal archway, at the entrunce to the grounds of Ferguslie House, the residence of Thomas Costs, Esq., which was composed of evergreess, and bearing the motto, made of roses, "Welcome Home." A similar archway was also



Thread Mills Migration

List of Directors from 1890 – one family member James Coats was running a large mill in Rhode Island in the USA. (Dundee Courier)

DIRECTORS.

Archibald Coats, Fergulie Thread Works, Paisley (Chairman).

James Coats, Providence, Rhode Island, U.S.A.

James Coats, Jun., Ferguslie Thread Works, Paisley.

Thomas Glen Coats, Ferguslie Thread Works, Paisley.

Peter Coats, Jun., Ferguslie Thread Works, Paisley.

George Coats, Ferguslie Thread Works, Paisley.

Daniel Coats, Ferguslie Thread Works, Paisley.

William Allan Coats, Ferguslie Thread Works, Paisley.

(Directors and Members of the existing Private Unlimited Company, who are the Vendors, as mentioned below)

Sir James King, Bart., Deputy-Chairman Caledonian Railway.

Sir James Whitehead, Bart. (Director Pawson & Co., Limited).

Sir William Arrol (Messis Arrol Brothers, Glasgow).

Otto E. Phillippi, Ferguslie Thread Works, Paisley.

DEATH OF A WELL-KNOWN THREAD MANUFACTURER.

stetes that Mr William Clark, the well-known thread manufacturer, has died at Watch Hill. Rhode Island, of heart disease. Mr Clark belonged to the well-known Paistey family, and had charge of the extensive thread business which they established in America. Though chiefly residing in the United States, Mr Clark peid frequent visits to this country, and was widely known and highly esteemed in the West of Societaed.

Death of William Clark in Rhode Island, 7th Aug 1900 (Edinburgh Evening News)



Thread Mills Migration

- Very international in outlook in the 20th century – manufacturing operations across the world largely through takeovers and opportunities for travel/emigration for key employees.
- Coats Group plc remains the largest manufacturer of thread in the world today.



Coats Ferguslie Mill no.1 est. 1826 - demolished 1992)







Tradition of Linen Manufacture

- Flax grown and linen produced in many parts of Scotland in 18th century. It was a known industry since at least the 14th century.
- Government legislated to protect and support the local Scottish industry. Scottish linen was stamped to protect against foreign imports. In 1686 a law was passed to require all dead Scots people to have their bodies wrapped in Scottish linen for burial.
- •Once demand grew local supplies were insufficient and much flax was imported from places like Latvia (then part of Russia). An East coast port city like Dundee was an ideal location for spinning and weaving. It didn't have the advantages of the west coast in terms of cotton imports.
- The move to powered machinery was concentrated on parts of the country where the investment made most sense i.e. Eastern counties of Angus (Forfarshire) and Fife. In other areas the linen industry declined.
- Dundee was the main centre for commercial linen production
- Dunfermline became an important global centre for damask weaving (table linen)
- •Very little evidence of migration in pursuit of linen-based employment beyond moves from local rural hinterland.



Causes of Migration to Dundee

- Dundee employers did their best to limit the power of local handloom weavers
- "In consequence of the harassing interference of the Weavers, in Dundee and neighbourhood, with the rights of their employers.....they have been refused farther employment"
- "FIVE HUNDRED LOOMS will, for a number of weeks, be kept exclusively for strangers, and every exertion will be used to ensure them regular employment."

WEAVERS WANTED.

In consequence of the harassing interference of the Weavers, in Dundee and neighbourhood, with the rights of their employers, a number of Manufacturers have resolved not to give employment to any one who shall not renounce such practices; and the Weavers at most of the manufactories not having acceded to this arrangement, they have been refused farther employment. Industrious and well-disposed men are therefore invited to come to Dundee; and, as an encouragement to those coming from a distance, FIVE HUNDRED LOOMS will, for a NUMBER OF WEEKS, be kept exclusively for strangers, and every exertion will be used to ensure them regular employment. The art of weaving the coarse fabrics, for which weavers are principally, wanted, stanty as quired; and weaving shops, looms, and all other requisites are provided by the employers. Every assistance and encouragement will be given to strangers whether they have been bred to the loom or not.

It will be found on inquiry, that the rate of wages for the above description of work in Dundee, has, for a number of years past, been very considerably above that paid to the common linen and cotton weavers throughout Scotland.

These wishing employment may apply at any of the Manufactories; or to SHIELL & SMALL, Writers, New Inn Entry, Dundee.

Dundee, 20th June, 1834.

The Scotsman 25th June 1834

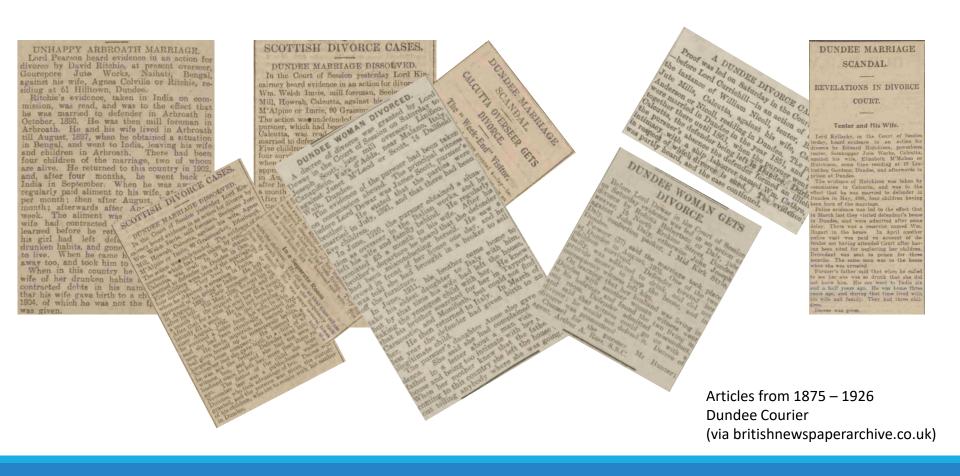


Jute Mills Employment

- Developed from the Linen Factories became a cheaper option for coarse linen fabrics
- supplied from the Empire raw jute imported from Bengal
- Dundee as a whaling port was where it was discovered that whale oil softened jute fibres to allow them to be machine spun.
- Dundee, Angus (Forfarshire), and Fife
- ■In 1901 the industry employed 40,000 in Dundee 70% of these were women, many of whom were married
- Significant Irish population employed
- Significant drop off in employment after WW1



Perils of Working in Bengal





Family Groups in India

BIRTHS.

MACDONALD.—At The Eigin Norwing Home, Calcutta, on the 29th October, to Ann. wile of R. Macdonald, Howrah Jute Mills, Howrah, Bengal

BIRTHS.

BROWN.-At Barrackpore, Bengal, India, on 14th
July, to Mr and Mrs George Brown (of AngloIndia Middle Mill, and late Dundeeddaughter, Both well.

Births

ANDERSON.—At 151 Loches Road, Dundec, in the 5th December, the wife of John S. Anderson, Cheviot Jute Mills, Dengal—a son.

Births.

DAWSON.—At Port House Nursing Home, on the goth September, to Emily (noe Dear), wife of William Dawson, Naihati Jute Mill, Bengal, India—a daughter.

Births.

BISSET At Fort House Nursing Home, Dundee, on Zist November 1939, to Mr and Mrs F. Bisset, Kankmara, Bengal, India, and of Li Hynding Street, Dondee—a son, (Both well)

BIRTHS.

ABBOT.—At Angus Nursing Home, Sengal, on Oct. 22, 1846, to May wife of Stewart M. Abbot. Victoria Mills, Bengal, Lodia—a son.

BIRTHS.

ADAMSON—At Lankapara T.E., Bengal, on De 5, 1946, to Peggie, wife of Allan R. Adamsona daughter. (By cable.)

BIRTHS.

BAIN.—At Angus Nursing Home, Houghly District Bengai, on Dec. 1, 1947, to Mr and Mrs F. Bain (nee Agnes M'Farlane), 56 Benvie Rd., Dundeea son. (Both well.)

From the Dundee Courier 1931 -1947



Ex-Pat Community

PORTER-SOUTAR.—At St Andrew's Church. Calcutta, on Apr. 2, 1949, by the Rev. A. Baillie, Frank Bristowe, Bally Jute Co., Ltd., Bengal, younger son of Mr and Mrs Chas. Porter, 50 Glenmarkie Tee., Dundee, to Ann Lillian, only daughter of Mr and Mrs E. Soutar, Kanknarrah Co., Ltd., Bengal, and Carnoustie.



From the Dundee Courier 1949



Features of Early Textile Migration

- Pre-railway
- Generally Rural population to local mill towns limited travel
- Unskilled labour
- Some Irish immigrants
- Special initiatives where a large unskilled workforce is needed e.g. Highland clearance victims to New Lanark.



Features of Later Textile Migration

- Often skills-based
- Temporary or permanent
- Keyword search for occupation very useful for censuses
- Movements often captured within censuses for workers with families with children born in several different locations (maybe multiple moves within a ten year window)
- To the major textile centres in Scotland and England for the best range of opportunities (e.g. Huddersfield for woollens, Leicester for hosiery, Manchester for cotton, Nottingham for lace)
- Centres like Paisley (cotton thread), Hawick (woollen tweeds) and Dunfermline (damask) were globally significant centres and had two-way movement.
- Sent to outlying centres (often temporarily) to establish new factories. We saw the example of Keith. But there was also Elgin. And to this day Johnstons of Elgin is a prime cashmere producer with a factory in Hawick.
- International emigration for experienced technical/managerial grades (especially wool)
- Temporary international migration to Bengal from Dundee for the Jute Industry with/without family



Reliving Scottish textile history

Recommended Visits / Online Course

- New Lanark, Lanarkshire (cotton)
- Stanley Mills, Perthshire (cotton)
- Verdant Works Jute Museum, Dundee (linen & jute)
- Borders Textile Tower House, Hawick (woollens)
- Paisley Thread Mill Museum (thread)
- Textiles Gallery, Science & Industry Museum, Manchester (cotton)
- Working Lives in the Factories and Mills: Textile History & Heritage. Free Short Course from University of Strathclyde, available on the Futurelearn platform (cotton, woollens, linen, jute)