

SIGNIFICANT ITEMS IN THE CLEVELAND INDUSTRIAL ARCHAEOLOGY SOCIETY'S NEWSLETTERS			
TITLE	No	DATE	AUTHOR
Past industries of the Loftus District (cotton manufacture & Zetland Iron & Brass Foundry)	1	1974 May	Owen J S, Pargeter E W
Industrial Monuments in Yorkshire	1	1974 May	Tomlin D M
Publication of "The Cleveland Industrial Archaeologist"	2	1974 Sept	Ed J K A
Helmshore Mill, Near Rossendale, Lancs	2	1974 Sept	Batty F A
Last Bessemer Steel made in Britain	2	1974 Sept	Ed J K A
Copper Production in Britain, 1750-1800	2	1974 Sept	Lowndes Mrs M Z
National Union of Blastfurnacemen, Ore Miners, Coke Workers and Kindred Trades	3	1975 Jan	Ed J K A
Fairbairn Crane, Hartlepool Docks	3	1975 Jan	Brown M
Sulphuric acid: demolition of the last chamber-acid plant in Britain	3	1975 Jan	Almond J K
Cleveland Mineral Industry	3	1975 Jan	Owen J S
Fairbairn Crane, Hartlepool Docks	4	1975 May	Ed J K A
Col. F.E.B. Beaumont and compressed air traction a century ago	4	1975 May	Weaver C R
Exhibition of Photographs of Industrial Architecture in Hartlepool	4	1975 May	Almond J K
The Ironmasters' District	5	1975 Sept	Chapman S K
The Stockton & Darlington Railway: Stockton Week	5	1975 Sept	Ed J K A
Mill News	5	1975 Sept	Ed J K A
The Northern Route Stage 2 - result of the Public Inquiry	5	1975 Sept	Ed J K A
The Ironmasters District	5	1975 Sept	Chapman K
The Stockton & Darlington Railway	5	1975 Sept	Almond J K
A Visit to Thirsk	5	1975 Sept	Harrison J K
Further notes on Thirsk (Letter from J Braddy to F Pattison 14 May 1864)	5	1975 Sept	Lowndes Mrs M Z
Kepwick Lime Kilns and Tramway	5	1975 Sept	Owen J S
Cleveland County Riverside Survey and Plan	5	1975 Sept	Ed J K A
Winding-up of the North-East Industrial Archaeology Council	5	1975 Sept	Ed J K A
British Steel Corporation Archives in Cleveland	6	1976 Jan	Newton S C
Ullathorne's Mill, Startforth, Barnard Castle (A correction)	6	1976 Jan	Beadle H L
Listed Buildings and Scheduled Monuments - what are they?	6	1976 Jan	Brown Miss M N

Charlie Turner Bailer Twine and Cleveland	6	1976 Jan	Lowndes Mrs M Z
Removal of Slag Heaps - the changing industrial scene	6	1976 Jan	Ed J K A
Tocketts Mill	7	1976 May	Harrison J K
Friction Matches: 150th Anniversary of their Invention in Stockton-on-Tees by John Walker	7	1976 May	Thomas Mrs D
Industrial Archaeology Round Manchester: the Manchester Summer School 1975	7	1976 May	Orton D J
Paddle tug John H Amos	7	1976 May	Ed J K A
Cleveland County Riverside Survey and Plan	5	1975 Sept	Ed J K A
St John's Mine, Tynehead, Garrigill - destruction of surviving parts of the waterwheel	8	1976 Oct	Beadle H L
Eston Ironstone Mines	8	1976 Oct	Tuffs P
Historical Metallurgy Society Conference, September 1976 on Teesside	8	1976 Oct	Almond J K
More Ironstone evidence disappearing	8	1976 Oct	Harrison J K
Local Archaeological Societies' Joint Meeting; Aspects of a Year's Archaeology	8	1976 Oct	Ed J K A
Events in Cleveland 101 years ago - extracts from Pennyman Diary 1875	8	1976 Oct	Gallagher Mrs M
Frank Elgee - "Man of the Moors"	9	1977 Jan	Lowndes Mrs M Z
The Association for Industrial Archaeology and its 1976 Conference	9	1977 Jan	Tomlin D M
Report of November Meeting: Skewers, Spaghetti and Shellac - Early Home Radio	9	1977 Jan	Almond J K
Report of December Meeting: Match Companies in Cleveland - a Striking Light Industry	9	1977 Jan	Almond J K
Historical documentary films	9	1977 Jan	Tomlin D M
Alum and horses	9	1977 Jan	Lowndes Mrs M Z
Newport Ironworks, Middlesbrough	9	1977 Jan	Almond J K
Further notes on Newport Ironworks, Middlesbrough	9	1977 Jan	Lowndes Mrs M Z
Iron-making in Northumberland in the 17th or 18th Century - Excavation at Allensford	10	1977 May	Linsley S M
Allensford Blast Furnace, drawing of the site	10	1977 May	Harrison J K
Buildings dating from the 1660s unearthed at Newport, Middlesbrough	10	1977 May	Thornton C
Tocketts Mill Restoration	10	1977 May	Harrison J K
Stockton & Darlington Railway Booking Office Museum	10	1977 May	Tomlin D M
Skinningrove half-day meeting	10	1977 May	Jones R E
Centenary Exhibitions	10	1977 May	Ed J K A
Swathey Head Water Mill, Guisborough	11	1977 Sept	Harrison J K
Alum Works' Notes	11	1977 Sept	Chapman S K
CIAS on Show	11	1977 Sept	Ed J K A

The Stockton & Darlington Railway Company's Buildings in Bridge Road, Stockton	11	1977 Sept	Tomlin D M
Summer Walk Near to Guisborough June 1977	11	1977 Sept	Batty F A
Kildale Walkabout, Saturday 28 May 1977	11	1977 Sept	Owen J S
Off the Rails - Saving Railway Architecture. Darlington Exhibition	11	1977 Sept	Ed J K A
Some Industrial Features in the East Midlands	11	1977 Sept	Batty F A
Transporter's troubles continue	12	1978 Jan	Ed J K A
Worth, Mackenzie's Engine Works, Stockton - photographer wanted	12	1978 Jan	Ed J K A
Tocketts Mill, near Guisborough	12	1978 Jan	Harrison J K
Stockton & Darlington Railway Buildings at Stockton	12	1978 Jan	Tomlin D M
Conference of Association for Industrial Archaeology	12	1978 Jan	Ed J K A
Successful Steel made from Iron Ore containing phosphorus - request for help	12	1978 Jan	Ed J K A
Meeting Report: 'Bricks and Brickworks of Cleveland'	12	1978 Jan	Thornton C
Meeting Report: 'The Changing Face of South-West Durham'	12	1978 Jan	Wilcock D
Three Teesdale Mills	12	1978 Jan	Wilcock D
A Jet Workshop in Whitby (Where else?)	13	1978 May	Owen J S
Allensford blast furnace	14	1978 Sept	Ed J K A
Report on evening visit to ICI Brinefields (19 May 1978)	14	1978 Sept	Tomlin D M
Mill Notes	14	1978 Sept	Harrison J K
Stockton Railway Station Roof	14	1978 Sept	Tomlin D M
Summer Course on Midland Canals	14	1978 Sept	Harrop J
Visit to Beaumont Mine, Allenheads (14 June 1978)	14	1978 Sept	Owen J S
Special Series of six Public Lectures - Centenary of basic steelmaking	15	1979 Jan	Ed J K A
'Young Engineer for Britain' - who said Windmills were all IA ?	15	1979 Jan	Ed J K A
Cleveland connection in national drawing success	15	1979 Jan	Ed J K A
Mill Notes	15	1979 Jan	Harrison J K
East Midlands Industrial Archaeology Conference	15	1979 Jan	Harrison A
Association for Industrial Archaeology - Conference in Penzance, Cornwall	15	1979 Jan	Tomlin D M
The Electric-lamp Centenary, 1979	15	1979 Jan	Ed J K A
Preservation of Industrial Sites in County Cleveland	16	1979 May	Harrison J K, McNab C
Exhibition, Cleveland Iron and Steel	16	1979 May	Ed J K A

Comondale Pottery - Information wanted	17	1979 Oct	Ed J K A
The Middlesbrough Exchange Building	17	1979 Oct	Almond J K
Watermills - An account of the summer 1979 excursion	17	1979 Oct	Hay T T
Middlesbrough Dock to close	17	1979 Oct	Ed J K A
The First British Iron Warship	17	1979 Oct	Ed J K A
Portrack Lane Ironworks, Stockton, Condemned	17	1979 Oct	Ed J K A
Elwick Windmill	18	1980 Jan	Harrison J K
The Chatterley Whitfield Mining Museum, Stoke-on-Trent	18	1980 Jan	Morris C H
Thornaby's 'Five Lamps'	18	1980 Jan	Ed J K A
Tocketts Watermill	18	1980 Jan	Harrison J K
Watermill Resurrections	18	1980 Jan	Ed J K A
Railway Relics Threatened	18	1980 Jan	Tomlin D M
The LNER Creosote Works, Hartlepool	18	1980 Jan	Ward J M
Tenth Anniversary Issue	19	1980 May	Ed J K A
Historical Metallurgy Society Conference, September 1980 Newcastle	19	1980 May	Ed J K A
Details of Hartlepool's match industry	19	1980 May	Ed J K A
The Opening of the Restored Crakehall Corn Mill	20	1980 Oct	Harrison J K
Annual Conference of the Association for Industrial Archaeology, Liverpool	20	1980 Oct	Tomlin D M
News in Brief	20	1980 Oct	Ed J K A
Middlesbrough Dock - now joined the ranks of past industry	20	1980 Oct	Ed J K A
Historical Metallurgy Society's meeting in Newcastle	20	1980 Oct	Ed J K A
Elwick Windmill - going, going,	20	1980 Oct	Ed J K A
Comondale Pottery	20	1980 Oct	Ed J K A
Yet more Middlesbrough threatened by demolition	20	1980 Oct	Ed J K A
Exhibition: Mines and Minerals of Teesdale and Weardale	21	1981 Jan	Ed J K A
Newcastle Mining Library's uncertain future	21	1981 Jan	Ed J K A
Jetting	21	1981 Jan	Owen J S
Clay Bricks	21	1981 Jan	Ed J K A
Last track removed from the route of the Cleveland Railway	22	1981 May	Tomlin D M
Report on the former railway from North Ormesby to Linthorpe	22	1981 May	Kitching R
Duke of Portland's railway in S W Scotland & similarities with later railways in N E England	22	1981 May	Hay T T

List of Cleveland Sites of IA interest	22	1981 May	Ed J K A
Proposed demolition of Royal Exchange Buildings, Middlesbrough	22	1981 May	Tomlin D M
Proposed Mining Museum for East Cleveland	23	1981 Oct	Chapman S
Society for the Protection of Ancient Buildings, Wind and Watermill Section: Yorkshire Tour	23	1981 Oct	Harrison J K
Mine Railways on the South Side of the Eston Hills	23	1981 Oct	Owen J S
Victorian Letter Boxes	23	1981 Oct	Ed J K A
Steam Pumping Engines in Darlington - the Tees Cottage Preservation Society	24	1982 Jan	Prentice J F
Telephones in the Middlesbrough Area, Particularly Before 1900	24	1982 Jan	Burley N
Sydney Harbour Bridge - Golden Jubilee of the 'Coathanger'	24	1982 Jan	Almond J K
Query regarding Industrial Tokens	24	1982 Jan	Ed J K A
The Tom Leonard Mining Museum	25	1982 May	Chapman S A
Yearby Woods: An Ice House and a Mineral Railway	25	1982 May	Owen J S
Volunteers wanted for work on Swaledale Lead-smelting sites	25	1982 May	Ed J K A
Probable Coke Oven in Baysdale	26	1982Sept	Owen J S
Disused Engine from Newport Bridge to go to Naval Museum at Gosport	26	1982 Sept	Morris C H
Annual Coach Tour - Durham & Northumberland	26	1982 Sept	Hay T T
The Wandering Ironstone Pillars of Eston	26	1982 Sept	Tomlin D M
The doomed Middlesbrough Exchange Building	26	1982 Sept	Ed J K A
Warrior News	26	1982 Sept	Ed J K A
Preservation of Mining Relics in the NYM National Park	27	1983 Jan	Owen J S
Middlesbrough Industrial Heritage Trail	27	1983 Jan	Ed J K A
Industrial Records made by Members	27	1983 Jan	Ed J K A
Rockley Blast Furnace - a note on this structure	28	1983 June	MacCallum D
Ironstone Mining in the Swainby Area	28	1983 June	Cook Mrs C
Some Memories of Ironstone Mining	28	1983 June	Owen J S
South Tynedale Railway Preservation Society	28	1983 June	Ed J K A
The Other Middlesb(ough)	29	1983 Nov	Owen J S
150 Years of Chemicals at Urray Nook	29	1983 Nov	Almond J K
Light on Dorman Long's Activities	29	1983 Nov	Ed J K A

Evidence of Cokemaking South-west of Sheffield	29	1983 Nov	Owen J S
Demolition of the Grange Farmhouse, Billingham	29	1983 Nov	Ed J K A
The Albert Railway Bridge repainted	30	1984 Feb	Ed J K A
Trams in Teesside	30	1984 Feb	Pattenden D W
Sil Howe Whinstone Mine	31	1984 June	Owen J S
Throston Engine House, Hartlepool	31	1984 June	Mansbridge S J
One view of local iron industry	31	1984 June	Ed J K A
Changes in the dock area of Middlesbrough	31	1984 June	Ed J K A
Demolition in central Middlesbrough	31	1984 June	Ed J K A
Bell Brothers' Offices	31	1984 June	Ed J K A
Saltworks wall renovated	31	1984 June	Ed J K A
Report of the Society's visit into Sil Howe Mine 23 June 1984	32	1984 Oct	Owen J S
Report on Society's visit to some former industries in West Hartlepool	32	1984 Oct	Laurence J, Harrop J
Possible progress in preserving Swaledale lead-smelting relics	32	1984 Oct	Ed J K A
Saltburn's water-powered cliff lift	32	1984 Oct	Ed J K A
Warners' Iron Works now demolished	32	1984 Oct	Ed J K A
Coastal Tramways (and things)	33	1985 Feb	Owen J S
The Middlesbrough Exchange Building	33	1985 Feb	Ed J K A
The one that was reprieved	33	1985 Feb	Ed J K A
Three that ran out of time	33	1985 Feb	Ed J K A
Throston Engine House, Hartlepool	33	1985 Feb	Ed J K A
Fragments of the Royal Exchange building	34	1985 May	Green Mrs E
Sidney Gilchrist Thomas and Middlesbrough	34	1985 May	Almond J K
A Sunday use for an early Middlesbrough brickyard	34	1985 May	Ed J K A
A Weardale Miscellany, including two museums	34	1985 May	Almond J K
Those unreliable engineering materials! CI flywheel at Hartlepool Cement Works (1876)	34	1985 May	Ed J K A
The Kewick Railway	34	1985 May	Ed J K A
50th anniversary of Billingham motor-spirit plant	35	1985 Oct	Almond J K
Possible future uses for industrial sites on the banks of the Tees	35	1985 Oct	MacCallum D
Further comment on the proposal for an Iron and Steel Museum	35	1985 Oct	Lane P

Eston Ironstone-Mining Remains, '85	35	1985 Oct	Chapman S A
A day out with the friends of Killhope	35	1985 Oct	MacCallum D
The Pennine lead-mining industry again	35	1985 Oct	Ed J K A
Cleveland iron used for casting at Ironbridge Museum	35	1985 Oct	Ed J K A
Demolition of the Pikelet Wall	36	1986 Jan	Ed J K A
Derwentcote taken into public ownership	36	1986 Jan	Ed J K A
Feasibility study to be made for a museum at Clay Lane	36	1986 Jan	Ed J K A
Sikehead Lead Mine	36	1986 Jan	Chapman S A
Cargo Fleet item finds a reprieve and a new home	36	1986 Jan	Ed J K A
Wasting Heritage - Volunteers needed for Barns Campaign	36	1986 Jan	Harrison J K
The welded-steel bridge north of Newport: the next candidate for liquidation	36	1986 Jan	Ed J K A
Teesside Bridge and Engineering Works	36	1986 Jan	Ed J K A
Further bad news from 1985	37	1986 June	Chapman S A
The use of Horse and Carts on Beaches of the North East Coast	37	1986 June	MacCallum D
South Kilvington Mill	37	1986 June	Harrison J K
Re The Pikelet Wall	37	1986 June	Ramage D C
Danby Mill Restored	37	1986 June	Harrison J K, Morgan P W
Restoration of the Bessemer Tuyere & Block Wall at Grangetown (The Pikelet Wall)	38	1986 Oct	Tomlin D M
Wilton Guibal Fanhouse	38	1986 Oct	Owen J S
A Day on an Archaeological Dig at Comondale Mill	38	1986 Oct	Morris C H
Teesside Bridges Again: 1 The Transporter, 2 Welded road bridge north of Newport	38	1986 Oct	Almond J K
Tug at the Heart Strings	38	1986 Oct	Chapman S A
Conservation or Oblivion	39	1987 Jan	Ed J K A
Liverton Mines threatened with Landscaping	39	1987 Jan	Chapman S A
Former corn mill for sale	39	1987 Jan	Ed J K A
The new Cleveland Structure Plan	39	1987 Jan	Ed J K A
Maritime relics and memories of Hartlepool	39	1987 Jan	Ed J K A
Open-Hearth Steelmaking in Cleveland in 1887	39	1987 Jan	Ed J K A
Dowlais Iron Foundry	39	1987 Jan	Ed J K A
The German State Yacht 'Grille'	40	1987 June	Ward J M

Comondale Mill - CIAS excavation weekend	41	1987 Sept	Harrison J K
West Hartlepool - Centenary of the granting of the Royal Charter	41	1987 Sept	Harrison J K
Further developments on Cliff Rigg (Great Ayton)	42	1987 Dec	Pepper R
Slag Rubble Wall in the Riverside Industrial Estate in Middlesbrough	42	1987 Dec	Tomlin D M
A Cleveland Watercourse	42	1987 Dec	Owen J S
Conference on 'Industrial Archaeology - Research and Public Presentation	42	1987 Dec	Almond J K
Moorland Magic: 1 Watercourses, 2 Prospect drilling by Shell	43	1988 Mar	Owen J S
Conservation of lead-industry relics in the Yorkshire Dales Park	43	1988 Mar	White R F
A 'fireproof shooting box' of Hartlepool expanded metal	43	1988 Mar	Hall Mrs S
A building using Hartlepool expanded metal	44	1988 July	Hall Mrs S
Ironstone Mining on a Scottish Island - Raasay	44	1988 July	Owen J S
Cleveland House, South Bank damaged by fire	44	1988 July	Tomlin D M
South Bank Iron-making Clearance	44	1988 July	Ed J K A
Derwentcote Steelmaking and Working Site	44	1988 July	Ed J K A
1812 Whitby Alum Works Hydraulic Engine	45	1988 Dec	Hay T T
Industrial Archaeology in the Swansea Area - Conference Report	45	1988 Dec	Tomlin D M
Rutways - One More	45	1988 Dec	Owen J S
Another Slag Wall Disappears	45	1988 Dec	Tomlin D M
Future for mineral industry relics in the Northern Pennines: meeting Alston 15 Oct 1988	45	1988 Dec	Almond J K
Iron cannon unearthed at Ravenscar	45	1988 Dec	Ed J K A
Early iron boats	46	1989 Mar	Linsley S
Derwentcote Cementation Furnace	46	1989 Mar	Cranstone D
Northern Sabulite Explosives Co Ltd Home Office Explosives Factory No 322	46	1989 Mar	Hay T T
Eston Ironstone Mine: anniversary programme and exhibition	47	1989 July	Ed J K A
Ravenscar: Peak Alum Works	47	1989 July	Owen J S
Rosedale: Mines and Railway	47	1989 July	Owen J S
Kilton Mining Remains	47	1989 July	Chapman S A
News from County Durham	47	1989 July	Wilcock D
More on the Northern Sabulite Explosives Co Ltd	47	1989 July	Shepherd C H

Eston Mines, New Bank Top	48	1989 Nov	Owen J S
'A Creaking Ventilating Machine' at Loftus Mine	48	1989 Nov	Chapman S A
The British Metal Mining Heritage - Conference report Loughborough June 1989	48	1989 Nov	Tomlin D M
Lead industry heritage in England and Wales	48	1989 Nov	Cranstone D
Another Watercourse	48	1989 Nov	Owen J S
Explosives supplies	48	1989 Nov	Hay T T
More troublesome telegraph poles	48	1989 Nov	Morgan S
Tocketts Mill	49	1990 Mar	Burgess A M
Industrial Archaeology Sites in England	49	1990 Mar	Tomlin D M
British Metal Mining Heritage	49	1990 Mar	Tomlin D M
Explosives supplies - the powder jetty at South Gare	49	1990 Mar	Pepper R
Explosives supplies - a contribution on 'black powder'	49	1990 Mar	Owen J S
Rutways in Dorset	49	1990 Mar	Owen J S
Tan Hill coal mines	49	1990 Mar	Ed J K A
The Fixing Down of Newport Bridge	50	1990 July	Morris C H
Transporter Bridge Accident	50	1990 July	Morris C H
Demolition threat in Hartlepool	50	1990 July	Ward J M
Tunnel and shaft for Boulby Alum Works 'alum house'	51	1990 Nov	Owen J S
The Hartlepool arches and tunnels through the earthen railway embankment	51	1990 Nov	Ward J M
Visit to Mines in the Lake District, 23 & 24 June 1990	51	1990 Nov	Knox T H, Tomlin D M
Pillbox defences in Cleveland	51	1990 Nov	Owen J S
The Powder House at Pinchinthorpe	51	1990 Nov	Pepper R
Notes on coal, and a philosophical comment	51	1990 Nov	Hay T T
Ironstone remains at Rosedale - an extensive preservation project conceived	51	1990 Nov	Ed J K A
Anderton boat lift to be restored	51	1990 Nov	Morgan S
Peak Alum Works Ravenscar	51	1990 Nov	Almond J K
Lumpsey Mine Reclamation	52	1991 Mar	Chapman S A
Huntcliff and Operation Neptune	52	1991 Mar	Chapman S A
Pillboxes	52	1991 Mar	Chapman S A
The Ironworks at Runswick revisited	53	1991 Sept	Owen J S
The Killhope Wheel	53	1991 Sept	Ed J K A

Lead-smelting structures at Marrick in Swaledale	53	1991 Sept	Beadle H
Derwentcote steel furnace - a notable development at this 18th century site	53	1991 Sept	Ed J K A
Hart Windmill	54	1992 Jan	Harrison J K
Some fragments relating to Hart Windmill	54	1992 Jan	Ward J M
At the sign of the fox's head, or of an iron puddle?	54	1992 Jan	Ed J K A
Remains of Crowley's Ironworks at Winlaton Mill: will 1992 see their destruction	54	1992 Jan	Ed J K A
Kilton Mine shale tip	55	1992 June	Harrison J K
Murton Colliery	55	1992 June	Chapman S A
Head Wrightson and Co Ltd	55	1992 June	Scaife J
The first steel works in West Hartlepool	55	1992 June	Alder K
The Association for Industrial Archaeology - conference report	56	1992 Dec	Tomlin D M
News of Three Cleveland Windmills	56	1992 Dec	Harrison J K
William Walker and the Kirkleatham Ironstone Mines	56	1992 Dec	Chapman S A
The Billingham Chemical Factory in the Second World War	56	1992 Dec	Rout A E
Georgius Agricola: quincentennial celebrations 1994	58	1993 Sept	Ed J K A
The Cleveland Iron plant at Grangetown	58	1993 Sept	Ed J K A
Alum-making in the school curriculum	58	1993 Sept	Ed J K A
The Cleveland Iron Plant at Grangetown	59	1994 Feb	Ed J K A
A pair of puzzling disappearances	59	1994 Feb	Rout A E
John W Storrow & Company Limited	59	1994 Feb	Beadle H
Carlton Iron Works, County Durham and The Crampton Puddling Furnace	60	1994 July	Hay T T
A Rutway at Redcar	60	1994 July	Owen J S
Corrections to Newsletter No 59 - and more glimpses of J C Fernau	60	1994 July	Beadle H
Imperial Chemical Industries' Oil Works, Billingham: the 'Oil from Coal' plant	61	1994 Nov	Hay T T
Evaluation of monuments of the alum industry	61	1994 Nov	Ed J K A
The blacksmith's forge at Eston is likely to disappear	61	1994 Nov	Ed J K A
Continuing clearance at Boulby Alum Works' beach tunnel January 1995	62	1995 Mar	Owen J S
Evaluation of monuments of the coal industry: selection of sites for statutory protection	62	1995 Mar	Ed J K A

More about the blacksmith's forge at Eston - and the neighbouring cottage	62	1995 Mar	Tomlin D M
Kirkleatham Mines Self-Acting Incline	63	1995 Sept	Owen J S
Transporter Bridge at Newport, Gwent	63	1995 Sept	Ed J K A
150th anniversary of the start of Bolckow and Vaughan's iron production	64	1996 Jan	Ed J K A
Eston House demolished	64	1996 Jan	Kerridge L
The defence of Britain - and John Owen's memories of a naval gun	64	1996 Jan	Owen J S
Conservation at Coldberry, and a peril of publicity	64	1996 Jan	Ed J K A
The transporter bridge re-opened - at Newport (Gwent)	64	1996 Jan	Ed J K A
Wooden wagonway discovered in County Durham	64	1996 Jan	Key D
John Owen's memories of a naval gun between Warrenby & South Gare - further info	65	1996 June	MacCallum D, King W H
Some thoughts on the first steel-framed building in Britain	65	1996 June	Morris C H
An early S&DR rail? connected with Richardsons' Middlesbrough engineering works	65	1996 June	Ed J K A
The Grangetown High Tip: so far an unlisted site	65	1996 June	MacCallum D
John Owen's memories of a naval gun - again	66	1996 Nov	King W H
The first steel-framed building in Britain	66	1996 Nov	Ed J K A
A recent examination of a Teesside salt mound	67	1997 Spring	Rout A E
18th-century timber wagonway found at Lambton coke works	67	1997 Spring	Morris C H
Teemouth salt operation - again	68	1997 Sept	Rout A E
Stockton locomotive shed	68	1997 Sept	Shepherd C H
Otterburn Mill	68	1997 Sept	Knox T H
Some thoughts on the first steel-framed building in Britain	68	1997 Sept	Morris C H
Tocketts Mill	68	1997 Sept	Burgess A M
Hydraulic machinery at Hutton Home Farm near Guisborough	69	1998 Jan	Harrison J K
Archaeological excavations at Carlton Bank Alum Works	69	1998 Jan	Cook Mrs C B
Memories of Woodend Farm, Kildale	69	1998 Jan	Knox T H
A new transporter bridge	69	1998 Jan	Morris C H
The blacksmith's workshop and adjoining cottages at Eston	69	1998 Jan	Ed J K A
The sad case of the Cleveland No 4 blastfurnace	69	1998 Jan	Ed J K A

Tocketts Mill	70	1998 June	Burgess A M
Mediaeval salt production around Teesmouth	71	1998 Oct	Rout A E
Norton Ironworks and its Norwegian connection: the Norwegian Titanic Iron Company	71	1998 Oct	Ed J K A
Some thoughts on Grinkle Mine and Port Mulgrave	71	1998 Oct	Jopling E
Railways before 1840 - conference, Durham	72	1999 Jan	Morris C H
The Middleton Ironworks 1864-1947	72	1999 Jan	Hay T T
Eston: the blacksmith's shop, adjacent cottages and vacant land	72	1999 Jan	Ed J K A
ICI's Billingham activities: (1) the sulphuric-acid plant 1930-1971	72	1999 Jan	Rout A E
Tocketts Mill	73	1999 July	Burgess A M
Cold Hesledon ('Big Dalton') water pumping station	73	1999 July	Linsley S
Ovingham Tyne Bridge	73	1999 July	Linsley S
The last stationmaster of Kildale and Great Ayton railway station	73	1999 July	Knox T H
ICI's Billingham activities: (1) the sulphuric-acid plant 1930-1971	73	1999 July	Rout A E
Another 'Zeppelin listening post'	74	1999 Oct	Hay T T
Ovingham Tyne Bridge - again	74	1999 Oct	Scott A W
An item of 'street furniture' commemorating an earlier solar eclipse	74	1999 Oct	Ed J K A
The Head Wrightson Machine Company Ltd and its precursor 1936-1983	74	1999 Oct	Batty, F A
ICI Billingham's activities: (2) the Sodium Cyanide Plant	74	1999 Oct	Rout A E
Two early watercourses	75	2000 Feb	Knox T H
A northern Spanish region in and around Bilbao	75	2000 Feb	Tomlin D M
Tocketts Mill	76	2000 Aug	Burgess A M
Another set of holes on the foreshore - near Runswick Bay	76	2000 Aug	Thomas R
The Billingham Sulphate of Ammonia Plant	76	2000 Aug	Edwards R H
The bridge that never was - an un-built lift bridge	76	2000 Aug	Barton P
News from the North Pennines: Nenthead	76	2000 Aug	Ed J K A
The Bowes Museum hydraulic lift	77	2001 Jan	Hay T T
The Tees Archaeology Sites and Monuments Record	77	2001 Jan	Rowe P
Reminiscences of ICI Billingham during war of 1939-45, in particular the smokescreen	77	2001 Jan	Ed J K A

Tocketts Mill	78	2001 Oct	Burgess A M
The Norwegian Titanic Iron Company Ltd & the Norton Iron Works	78	2001 Oct	Ed J K A
A former iron and brass foundry at Leeming Bar	78	2001 Oct	Ed J K A
Survey of coastal alum industry	78	2001 Oct	Ed J K A
Ravenscar foreshore and the causeway	78	2001 Oct	Barton P
Another 'historic' building is demolished	78	2001 Oct	Tomlin D M
Pease, Hutchinson & Co and Cookham Bridge	79	2002 Feb	Ed J K A
'Grey gold', and water power at Greenside lead mine, Cumbria	79	2002 Feb	Hay T T
ICI's activities at Billingham: the Nylon Works	79	2002 Feb	Rimmer A
Tocketts Mill	80	2002 June	Burgess A M
'Pitman at the Bathos' - a family history conundrum	80	2002 June	MacCallum D
Nineteenth-century industrial occupations, including an 'engine tenter'	80	2002 June	Morris C H
More dales hydroelectricity - in Wharfedale	80	2002 June	Hay T T
Wilton power station open day - 50th anniversary	80	2002 June	Hay T T
Demolition of Cargo Fleet Offices	80	2002 June	Ed J K A
New mineral exhibition now in place at Killhope	81	2002 Sept	Ed J K A
Industrial Archaeology of the English chemical industry	81	2002 Sept	Tomlin D M
Some occupations in Cleveland ironstone mining	81	2002 Sept	Morris C H
Another unusual occupation for our members interested in Family History	81	2002 Sept	MacCallum D
What is industrial archaeology?	81	2002 Sept	Hay TT
The North Pennines lead industry - key sites and proposals for action	81	2002 Sept	Ed J K A
Steeped in history: comments and suggestions for further investigations	82	2003 Feb	Goldring D
North Eastern iron and steel trades in the 1881 Census	82	2003 Feb	Morris C H
Hydrogen for Airships	82	2003 Feb	Burgess A M
'Bolckow & Vaughan' flagstones at Kirkleatham, and a Dorman Long connection there	83	2003 July	Lowndes Mrs M Z
Tocketts Mill	83	2003 July	Burgess A M
Brass nameplate from the Davy rolling-mill engine, Britannia Works, Middlesbrough	83	2003 July	Almond J K, Harrison J K
Trades in the Pennine lead mining industry	83	2003 July	Morris C H
Developments in the conservation of industrial heritage	84	2004 Jan	Ed J K A
The alum industry	84	2004 Jan	Barton P

Some additional lead mining occupations	84	2004 Jan	Morris C H
Steel foundry occupations in the second half of the 20th century	84	2004 Jan	Morris C H
Regional developments on the geological front	84	2004 Jan	Ed J K A
Hartlepool sea-water magnesia plant, 1937 - 2003 - a short appraisal	84	2004 Jan	Almond J K
New waterwheel for Ramsdale's Mill	85	2004 Jun	J K Harrison
Occupations in a Steel Fabricators Workshop in the 1950s	85	2004 Jun	C H Morris
Review; The Alum Works and other industries at Kettleness NY, an archaeological and historical site by M Jacock, C Dunn, A Carter, M Clowesock, C Dunn, A Carter, M Clowes	85	2004 Jun	D Goldring
Boulby Alum Works, ways down to the shore	85	2004 Jun	D Goldring
CIAS on the Web	85	2004 Jun	P Rowe
Review: BISRA - The Immortal Memory by G D Spencley, P H Scholes	85	2004 Jun	P Rowe
Stockton South Link Road	85	2004 Jun	A Bettenev
Obituary: John W Harrop	86	2004 Nov	J K Almond
Obituary: Allen Batty MBE	86	2004 Nov	J K Almond
Obituary: Mary Hoban	86	2004 Nov	J K Almond
Guided walk in Hutton Lowcross Woods 21 Aug 2004	86	2004 Nov	D Goldring
Use of burnt alum shale in concrete found at coastal sites associated with alum production	86	2004 Nov	A E Rout
Boulby alum works. Ways down to the shore	86	2004 Nov	P Barton
Boulby: more on ways down to the shore	86	2004 Nov	G R Featherston
Review: Graythorp shipyard - a short history by J H Proud	86	2004 Nov	J K Almond
Some Trades found in the Shipyards in the Early 20th Century	86	2004 Nov	C H Morris
Review. The Britannia and other Tubular Bridges by J Rapley	86	2004 Nov	C H Morris
A link with the district's open-hearth steelmaking has now broken	86	2004 Nov	J Lummas
Housing developments are underway at Brackenhoe on Ladgate Lane, Middlesbrough	86	2004 Nov	M Z Lowndes
Features near the base of the cliff at Hole Wyke - photographs	86	2004 Nov	J K Almond
Railway Workers of the Steam Era	87	2005 Mar	C H Morris
Graythorp Yard within Hartlepool Borough	87	2005 Mar	J H Proud
Something about transporter bridges	87	2005 Mar	K Catford
Eston events associated with the ironstone industry, 2004-05	87	2005 Mar	J K Almond
Sunderland and Carrickfergus receive archaeological awards	87	2005 Mar	R Carr
A complex industrial railway system (Middlesbrough Owners Railway) by C Shepherd	87	2005 Mar	J K Almond
Review: Workington iron and steel by R L M Byers	87	2005 Mar	J K Almond
Review: Rosedale and its Ironstone Mines by S Chapman	87	2005 Mar	S D Whitlock

Review: R R Angerstein's illustrated travel diary 1753-1755, industry in England and Wales	87	2005 Mar	J K Almond
Saltworkers on Teesside	88	2005 Aug	C H Morris
Brickmakers	88	2005 Aug	C H Morris
Review: The Rise of the White Loaf	88	2005 Aug	J K Harrison
Boulby Alum Works Visit	88	2005 Aug	S Chapman
Tocketts Mill	88	2005 Aug	A M Burgess, P W Morgan
Belmont Mines, Guided walk from Guisborough 17th July 2005	89	2005 Dec	D Goldring
The Teesside Industrial Memories Project	89	2005 Dec	J K Almond
Review: The industrial windmill in Britain by R Gregory	89	2005 Dec	T T Hay
Trades in the Whaling Industry of the 18 Century	89	2005 Dec	C H Morris
Some reflections concerning 'ports' for purposes of customs and excise	89	2005 Dec	P Barton
More on transporter bridges	89	2005 Dec	J K Almond
Review: Viewpoints in the Tees Valley past and present by A Bettaney, P Moon	89	2005 Dec	J K Almond
Review: Witton Park forever paradise by K Biggs, K Belton, D Daniel	89	2005 Dec	J K Almond
Review: Water power in mining by P Cloughton Ed	89	2005 Dec	J K Almond
Obituary: Robert Ponsonby Hutchinson	90	2006 Apr/May	S Chapman
Obituary: Duncan MacCallum	90	2006 Apr/May	J K Harrison
Belmont Walk 2005. Some further information on the location of Alum Houses near Guisborough	90	2006 Apr/May	S Chapman
Tocketts Mill	90	2006 Apr/May	J K Harrison
Some Suggestions for Farming Occupations in the 19 Century	90	2006 Apr/May	C H Morris
Review: Blue Lake and Home Farm, the story of nineteenth-century water power in Hutton Lowca by P Smith	90	2006 Apr/May	T T Hay
Review: John Fowler and the Stockton & Hartlepool Railway by J F Addyman, J Proud, J G Teasdale	90	2006 Apr/May	J K Almond
Review: Comondale Brick and Pipe Works by C Shepherd	90	2006 Apr/May	J K Almond
Info Request: The Darlington Chemicals and Insulation Company	90	2006 Apr/May	A Glendenning
Goathland Walk - 7th May 2006	91	2006 Sept	S Chapman
Engineering Textbooks	91	2006 Sept	A M Burgess
An account of wrought-iron production, available on the www.	91	2006 Sept	J K Almond
Whitworth's pioneer gantry crane, 1842: making the driving shaft	91	2006 Sept	A M Burgess
Occupations in the North of England Coal Trade, Part 1 The Nineteenth Century	91	2006 Sept	C H Morris
Review: The Lost Mills - A History of Papermaking in County Durham by J V Stirk	91	2006 Sept	D Tomlin
Pictures of the iron and steel industry viewable at Kirkleatham Museum	91	2006 Sept	J K Almond

Review: Marchon the Whitehaven chemical works by A W Routledge	91	2006 Sept	B Bastow
The end of ICI's manufacturing activities on Teesside	92	2006 Nov	J K Almond
Guided walk at Commondale, 9th July 2006	92	2006 Nov	D Goldring
Coal Mining Occupations: Part 2 The Twentieth Century	92	2006 Nov	C H Morris
Grosmont Walk, 10th September 2006	93	2007 Jun	S Chapman
Boulby Cliff and ways down to the shore - again	93	2007 Jun	G B Featherston
Members' evening held on 25 April 2007	93	2007 Jun	J K Almond
Review: Old railways by M R Bailey	93	2007 Jun	J K Almond
Review: The Brickworks of the Stockton-on-Tees Area by A Bettenev	93	2007 Jun	J K Almond
Review: Sources for industrial archaeology and industrial history in the North-East of England ar	93	2007 Jun	J K Almond
Hoist rescued from Middlesbrough demolition area following action by J K Harrison	93	2007 Jun	J K Almond
Guided walk at Clitherbeck, Danby, 10th June 2007	94	2008 Jan	D Goldring
Middlesbrough Central Library Conservation Management Plan	94	2008 Jan	A M Burgess
Obituary: S Keith Chapman	94	2008 Jan	J K Almond
Cleveland industrial heritage' attains its majority	94	2008 Jan	J K Almond
Review: The Industrial Railways & Locomotives of County Durham, Part1 by C E Mountford, D H	94	2008 Jan	C Shepherd
Members' evening on 23 April	95	2008 Jun	J K Almond
Obituary: David W Pattenden	95	2008 Jun	J K Almond
Obituary: S Keith Chapman	95	2008 Jun	P Barton
Review: Master of them all, iron making in Cumbria by G Brooks, C Irwin	95	2008 Jun	J K Almond
Whinstone Walk 2008, 4th May 2008	96	2009 Jan	S Chapman
British Steel Archive Project	96	2009 Jan	C H Morris
Guided walk at Saltwick, 7th June 2008	96	2009 Jan	D Goldring
Review: Biographical dictionary of British Quakers in commerce and industry 1775-1920 by E H	96	2009 Jan	J K Almond
Review: Metals and metalworking a research framework for archaeometallurgy by J Bayley, D Crossley, M Ponting	96	2009 Jan	J K Almond
Big Ben'	96	2009 Jan	A Bettenev
Members' presentations following AGM on 22 April 2009	97	2009 Aug	J K Almond
Obituary: Michael Davies-Shiel	97	2009 Jan	J K Almond
Artistic Licence - Middleton Ironworks painting	97	2009 Jan	CH Morris

Glaisdale Iron Walk 2008, Sunday 29th June 2008	97	2009 Jan	S Chapman
Review: A fading Memory: The North Yorkshire Coastal Alum Industry by M Jecock	97	2009 Jan	J K Harrison
Saltholme a sytory of salt, cement and birds	97	2009 Jan	C Shepherd
Smith's Dock and the Teesside Industrial Memories Project (TIMP)	97	2009 Jan	J K Almond
Walker's detaching hook	98	2010 Mar	T & C Lynn
Southern States Coal Iron & Land Company of Tennessee USA	98	2010 Mar	A Bettenev
Visit to Skelton Park Pit, Sunday 17th May 2009	98	2010 Mar	S Chapman
Guided walk to Loftus Alum Works, Hummersea, 11th July 2009	98	2010 Mar	D Goldring
Tees Ironworks a photograph is discovered - Readers Letter	98	2010 Mar	R Taylor
Review: The Middlesbrough to Redcar Railway by D Tomlin	98	2010 Mar	J M Collier
Review: Water Power on the Sheffield Rivers 2006by Eds C Ball D Crossley, N Fiavell	98	2010 Mar	J K Harrison
Review: Guide for practitioners 5: Scottish iron structures by T Swailes	98	2010 Mar	J K Almond
Mulgrave Woods 24th April 2010	99	2010 Aug	S Chapman
Ayresome Ironworks, Middlesbrough, and a collection of drawings	99	2010 Mar	J K Almond
Review: Early Railways 4 by G Boyes Ed	99	2010 Mar	C Shepherd
Review: The steam hammer man James Nasmyth (1808-1890) by J Aldred	99	2010 Mar	J K Almond
Review: The Yorkshire Mary Rose the ship General Carleton of Whitby by S Baines	99	2010 Mar	J K Almond
Teesside Industrial Memories	99	2010 Mar	J K Almond
Review: A Little About Littlebeck by M P Ventress	99	2010 Mar	C H Morris
Puzzle picture	99	2010 Mar	J K Almond
Guided walk to Loftus Alum quarries, 24th July 2010	100	2011 Feb	D Goldring
Bridges of Stockton and visit to Arden Mill photographs	100	2011 Feb	J K Almond
Review: The Blast Furnace by I Macdonald	100	2011 Feb	
The Archaeological Archive of S K Chapman	100	2011 Feb	P Rowe
Review: Old Alston by P Wilkinson	100	2011 Feb	J K Almond
Review: Iron working in Merioneth from prehistory to the 18th century by P Crew	100	2011 Feb	J K Almond
Review: A Southbank apprenticeship by W Austin	100	2011 Feb	J K Almond
CIAS Kettleless Meet 21 May 2011	101	2011 Sept	S Chapman
Staithes to Port Mulgrave field excursion 17 July 2011 (photographs)	101	2011 Sept	D Taylor
Queen Street Mill Textile Museum	102	2012 Feb	C H Morris
An aerial flight erected in Middlesbrough	102	2012 Feb	J K Almond

The 300 th anniversary of the first Newcomen steam engine	102	2012 Feb	J K Almond
T'Internet	102	2012 Feb	A Bettenev
The Tuxedo Royale formerly TSS Dover	102	2012 Feb	A Bettenev
Newcastle University Marine Technology Special Collection	103	2012 Aug	A Bettenev
Industrial Heritage at Risk Revealed	103	2012 Aug	C Barney
Heritage Day, 30 June 2012 at Prior Pursglove College, Guisborough.	103	2012 Aug	A Bettenev
Upleatham Mines. CIAS visit on Saturday 19 th May 2012.	103	2012 Aug	S Chapman
Nenthead Mines Conservation Society	103	2012 Aug	J K Almond
150 Years of Iron Refining on Teesside: From Puddling to Basic-oxygen Steelmaking	103	2012 Aug	J K Almond
Newcomen's System of Harnessing Steam- again	103	2012 Aug	J K Almond
Tees Cottage Pumping Station, Darlington	103	2012 Aug	J K Almond
Lime Kiln Survey in the Northumberland Coast AONE	103	2012 Aug	
Elsecar Newcomen Engine	104	2013 Mar	E Marsh
Guided walk at Skinningrove, 18th August 2012	104	2013 Mar	D Goldring
Visit to York Potash, 11th June 2013	105	2013 Sept	D Goldring
Visit to Grinkle Mine, 19 May 2013	105	2013 Sept	S Chapman
Tyne & Wear Windmills	105	2013 Sept	A Yule
The Story of a Book & the catalyst Museum	105	2013 Sept	A Bettenev
Guided Walk Wrackhills Iron works, Runswick	106	2014 Feb	D Goldring
Railways, industry in north Cleveland and a BISRA connection 50 years ago	106	2014 Feb	A Davies
A walk round Rosedale East Side Ironstone Mines	107	2014 Sept	C H Morris
Visit to Skinningrove Past & Present	107	2014 Sept	S Parker
A walk round Sandsend Cliffs	107	2014 Sept	S Chapman
Guided Walk to Roseberry Topping 17th August 2014	108	2015 Feb	D Goldring
The Cleveland Institution of Engineers Heritage Conversazione	108	2015 Feb	S Parker
The end of 150 years of foundry working in Guisborough	108	2015 Feb	C H Morris
Yorkshire Industrial Heritage online	109	2015 Sept	
Cast Iron Beams saved from rail bridge near Danby	109	2015 Sept	C H Morris
Visit to Birtley Ironstone Mine 20th June 2015	109	2015 Sept	S Chapman

Rosedale West Mines Guided Walk 11th July 2015	109	2015 Sept	E Marsh
Obituary: Arthur Glendenning	109	2015 Sept	
19th Century Beginnings of the iron & steel Industry on Teesside	110	2016 Jan	R Widdowson
Brunels Thames Tunnel	110	2016 Jan	C H Morris
Guided Walk at Clitherbeck, Danby 8th August 2015	110	2016 Jan	D Goldring
Buildings at Norton Junction	110	2016 Jan	A Bettenev
Obituary: Tom Hay	110	2016 Jan	
Skelton Park Pit Visit 21st May 2016	111	2016 Aug	S Chapman
CIAS some memories of 50 years ago	111	2016 Aug	S Chapman
Linen Manufacture- a biologists view	111	2016 Aug	P Morgan
The Flying Scotsman Returns	112	2017 Jan	C H Morris
A walk round Stockton to look at past industry 10th July 2016	112	2017 Jan	A Bettenev
Concerns over future of Groverake mine	112	2017 Jan	
Obituary: Alan Burgess	113	2017 Sept	
Railway Coal Drops in the present-day Borough of Stockton on Tees	113	2017 Sept	A Bettenev
Burdening of Redcar area Blast Furnaces	113	2017 Sept	D Goldring
Opening of Redcar-Saltburn Railway	113	2017 Sept	R Widdowson & J Menzies
Visit to see P2 locomotive Prince of Wales under construction	114	2018 Jan	C H Morris
Redcar Ironworks & report of visit to South Gare 15 July 2017	114	2018 Jan	D Goldring & R Widdowson
Cleveland Iron & Steel- Remembrance& Industrial Regeneration?	114	2018 Jan	R Widdowson
NYMR behind the scenes tour of the locomotive sheds at Grosmont	115	2018 Sept	N Judson
2017 A centenary of the commencement of Steel production at Redcar	115	2018 Sept	R Widdowson
Cleveland's Industrial Revolution and its debt to the Quakers	115	2018 Sept	R Widdowson & J Menzies
An 1872 Newspaper report of a visit to Hobhill Ironstone Mine Saltburn	115	2018 Sept	T Lynn
Charles Frederick Henry Bolkow and the Hughes Bolkow Shipbreaking Company	115	2018 Sept	J Menzies
Some thoughts on Cast Ironrails arising following the Newcomen Society visit to Teesside	116	2019 Jan	F Starr
CIAS Visit to RAF Linton on Ouse Memorial Room	116	2019 Jan	
Visit To Skelton Park And Shaft Mines 18th May 2019	117	2019 Sept	S Chapman

Excavation Of A Maltkiln In Stockton	117	2019 Sept	A Bettenev
CIAS visit to Warren Moor Ironstone Mine	118	2020 Jan	
Stepping Stones to Jet Propulsion; Sir Frank Whittle's 1928 Cranwell Thesis	118	2020 Jan	F Starr
Remains of the former Newport Ironworks	118	2020 Jan	
Energy Recovery Facility Grangetown Prairie	119	2020 Jul	A Bettenev
Carbon Capture Usage & Storage project for Teesside	119	2020 Jul	A Bettenev
Thomas Carlton of the Blast Furnace Association	120	2020 Nov	C Twigg
Historic Union Bridge to be restored	120	2020 Nov	C H Morris
Possible Mill at Belasis	120	2020 Nov	A Bettenev
A Rare Find - John Vaughan Document Box	120	2020 Nov	C Twigg
Arthur Raistrick – an appreciation	120	2020 Nov	E Marsh
Middlesbrough Mechanics' Institute	121	2021 Mar	C Twigg
Pumping Sewage	121	2021 Mar	T Knox
Isaac Wilson - Unique 19th Century Middlesbrough Industrialist	121	2021 Mar	R Widdowson
Railway Bridge Over Port Clarence Road	121	2021 Mar	N Judson & A Bettenev
The Birth and Growth of Teesside Iron and Steelmaking-The Welsh Connection	121	2021 Mar	R Widdowson
Rail to Road: New Portrack Relief Road / Billingham Beck Branch Railway	121	2021 Mar	A Bettenev
Common Room of the Great North	121	2021 Mar	R Smith
David Joy (1825-1903): The Impressive Career Path of a 19th Century Engineer	121	2021 Mar	R Widdowson
Chairman's Report for the year appear in the summer Newsletters			