



# SUSSEX INDUSTRIAL ARCHAEOLOGY SOCIETY

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Newsletter No. 37

January 1983

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## ANNUAL GENERAL MEETING

The Annual General Meeting was held on 20th November, the Reports from the General Secretary, the Treasurer and the Editor being included in this Newsletter. A copy of the Minutes is enclosed.

Following the formal part of the meeting a most sumptuous tea was provided by Mrs. John Upton which members very much enjoyed and appreciated.

After tea Mr. A.G. Allnutt led an extremely interesting discussion, illustrated by many lantern slides, on Old Bridges in Sussex - as a result the members present should now be able to view such structures with an enhanced knowledge and appreciation of the remarkable work of many of these early bridge builders.

### The Newsletter

It will be noted from the Minutes of the A.G.M. that Mr. John Haselfoot has retired as Chairman of the Society (although remaining as a Committee Member and Chairman of the Brick Study Group). It is, however appropriate to record that as the first General Secretary he initiated the Newsletter in January 1973 in the form of four 'circulars' issued in that year; these were followed in January 1974 by Newsletter No. 1. Mr. Haselfoot edited the first six issues, up to April 1976, and since then has given very great help and support to the present Editor who has tried to maintain the high standard initially set.

E.O.T.

### General Secretary's Report 1981-82

Since my last report the Society has maintained a satisfactory level of activity with a good programme of events and active participation in various projects. The membership is now 249 as compared with 235 at the same time last year and our financial position is steady.

This year sees the last year in office of our Chairman, John Haselfoot who has served the Society long and well, first as General Secretary from 1973-1979 and then as Chairman from 1979-1982. The thanks of the Society are due to him for his devoted service.

Work undertaken by the Society The only restoration work undertaken by the Society is at Coultershaw where the pump is in operation and the building has been open to the public on alternate Sundays throughout the summer. The exhibition area over the pump chamber has been completed and a display mounted. Volunteers are urgently required to man the shop next season.

Work being undertaken by members in conjunction with other Societies

At Clayton, Jill has had two sides weatherboarded, two new sails have been made and two old sails refurbished and fitted with half shutters. The wheels and gearing for the fantail carriage have been made.

At Poyntz Bridge on the Chichester Canal the old bridge has been temporarily removed to the grounds of the Chichester Grammar School. It will be re-erected at a new location on the canal.

At High Salvington Mill a new crown tree and trestle have been fitted and the mill lowered on to the post.

At Ifield Mill stoneboxes and hoppers have been fitted and the wheel rebuilt and is working. Crawley Museum service is now using the upper floors of the mill as a local history museum.

In Hastings a brewery well and its pump equipment is being preserved in situ.

At Cobbs Mill, Hurstpierpoint, the wheel has been stripped and the wheel pit cleaned out.

Deans Mill, Lindfield is now operating and the grain cleaner has been cleaned out.

At Plumpton Upper Mill the wheel pit has been dug out and the wheel is awaiting new buckets.

At West Blatchington Mill the cap has been craned off and a new breast beam fitted.

Research Many members of the Society are engaged on research on various aspects of Industrial Archaeology. The work of the Brick Study Group is proceeding steadily but more involvement is required by members as there is still a lot of work to be done in certain localities. I would urge any members who are doing research work to make every effort to get it published.

Archives The Society has appointed an Hon. Archivist, Peter Holtham, and a Photographic Archivist, John Upton, who will be responsible for collecting and storing archive material. There is some archive material available in Hove Reference Library and members who have any suitable material or photographs are requested to let the Society have these.

Recording of I.A. Sites The Committee has decided that a complete record of Industrial Archaeology sites in Sussex should be prepared. To this effect a standard recording sheet has been drafted together with an explanatory sheet and check list. Limited numbers of these sheets are available and members who have knowledge of a particular industry or locality are invited to participate.

Field Guide The Sub-committee to prepare the revised Field Guide has been working throughout the year and this will be published by Phillimore's next year. Our thanks are due to Brian Austen, Don Cox and John Upton and to the many members who have contributed towards this work.

SERIAC Our Society has been instrumental in initiating the South East Regional Industrial Archaeology Conference which is being organised in conjunction with the East Kent Mills Group, the Faversham Society, Greater London I.A. Society, Kent Archaeology Society, Surrey Industrial History Group and Southampton University I.A. Society. The first Conference is being run by Surrey on the subject of "The Uses of Water" which is being held at the University of Surrey on 16th April 1983. All members have received an application form and it is hoped that a good many of our members will support this event.

Association for Industrial Archaeology The Society is now affiliated to the A.I.A. who, apart from organising an annual conference, do much to co-ordinate I.A. affairs nationally. I have attended a working weekend at Ironbridge where many topics of mutual interest were discussed.

Prize Essay The Prize for the Industrial Archaeology Essay was presented by our Vice-Chairman to Worth School for their essay on "The Water Supply to a 19th Century Estate". As the response has been so poor this year, it has been decided not to promote a similar competition next year.

Programme There was a full programme of events organised by our Programme Secretary, Don Cox.

The visit to the Arun Navigation proved very popular on a glorious afternoon. The mills tour under the guidance of Frank Gregory was well attended with visits to Polegate Windmill, Friston Donkey Wheel, Stone Cross Windmill, Horsebridge and Hellingly Watermills.

The instructional day held at West Blatchington Mill was attended by a barely adequate number of members. Two working days held at Upper Plumpton Mill and at Amberley Chalk Pits Museum managed to achieve a certain amount of work in spite of the small numbers who turned up. The last visit of the season was to the Milne Museum and proved to be very interesting though unfortunately there was a clash of dates with the S.A.S. Conference, where our Chairman was reading a paper.

The Committee has tried to maintain a satisfactory level of achievement and to strike a balance between its various activities. I hope you think that we have managed to do this.

#### Treasurer's Report 1981-1982

I am pleased to be able to tell you that the Society's finances have shown slow but steady progress over the year as you will see from the Statements in your possession. To clarify the position regarding our various Funds separate figures for these have been shown this year and summarised in the Income and Expenditure Account. Our income from Annual Subscriptions is slightly up and we have welcomed two new Life Members during the year. Sales of Literature are up by just over 100 per cent, from £136 to £274 reflecting increased sales of the back numbers of Sussex Industrial History that we purchased last year and also the larger print run for SIH No. 12. Our income from Bank Deposits has increased fractionally but this item must reduce next year with falling interest rates and we shall also suffer a reduction in our income from Covenants if the Chancellor cuts Income Tax in his next Budget.

Expenditure shows an increase for postage costs and our Editor would be pleased to hear from anyone who can help him in his constant struggle to minimise this expenditure by undertaking some hand delivery in their area. Overall, including donations to our working funds, our income exceeded our expenditure by £385 during the year, as against the previous year's deficit of £401 and in the light of these figures your Committee has decided to defer for at least a year an increase in subscription rates.

Turning to Membership, we have had 21 new members during the year now ended, compared with 25 during the previous year. We have seven resignations, mostly due to people moving away from the area, two deaths and at the moment 5 subscriptions remain unpaid. We are therefore only just holding our own in terms of membership and if we are to flourish we need to expand. If each of our members could recruit one new member over the next twelve months our problem would be solved.

The accounts in front of you have been audited and I would like to express the thanks of the Committee to our Honorary Auditor, Mr. M.F. Tighe.

SUSSEX INDUSTRIAL ARCHAEOLOGY SOCIETY

Income and Expenditure for year ended 30th September 1982

1980/81

INCOME		
635.63	Subscriptions - Annual	645.25
45.00	Life	90.00
25.15	Donations	39.67
226.90	Bank Interest	227.59
49.25	Tax Recovery under Covenants	46.67
59.79	Coultershaw Restoration Fund	593.54
	Ifield Restoration Fund	146.86
1,020.00	Piddinghoe Kiln Restoration Fund	122.00
41.60	Sale of Literature	142.00
57.88 (No.10)	Sale of SIH No.11	40.00
36.69 (No.11)	Sale of SIH No.12	92.25
		<u>2,185.83</u>

EXPENDITURE		
161.53	Printing and Duplicating	152.86
56.93	Stationery	65.49
79.26	Postage and Telephone	150.28
19.58	Hire of Halls	11.70
17.51	Journals and Subscriptions	28.34
57.00	Insurance	53.40
338.19	Coultershaw Restoration Fund	362.26
219.77	Ifield Restoration Fund	216.38
1,177.95	Piddinghoe Kiln Restoration Fund	169.31
341.20 (No.11)	Sussex Industrial History No.12	533.00
50.00	Essay Prize	50.00
	Display Equipment	7.50
		<u>1,800.52</u>

ASSETS		
97.40	Lloyds Bank, Kemp Town, Current Account	210.89
1,195.14	do Deposit Account	1,466.32
666.03	Lloyds Bank, Crawley, do	666.67
		<u>2,343.88</u>

FUNDS		
420.40	General Fund	430.67
414.40	Coultershaw Restoration Fund	706.54
666.03	Ifield Restoration Fund	666.67
450.00	Life Membership Fund	540.00
		<u>2,343.88</u>

J.M.H. Bevan, Hon. Treasurer, 4th October 1982.

I have examined these accounts and the books and vouchers produced to me for the year to 30th September, 1982 and I certify that in my opinion they give a true and fair view of the Society's funds.

M.F. Tighe, Hon. Auditor, 14th October 1982.

SUSSEX INDUSTRIAL ARCHAEOLOGY SOCIETY

Funds for year ended 30th September, 1982

GENERAL FUND

1st October 1981	420.40
Annual Subscriptions and Donations	684.92
Bank Interest and Tax Covenants	143.24
Sales of Literature	274.25
	<hr/> 1,522.81
Expenditure (including £39.57 to Piddinghoe Restoration Fund)	1,092.14
30th September, 1982	<hr/> 430.67

COULTERSHAW RESTORATION FUND

1st October 1981	414.40
Income	654.40
	<hr/> 1,068.80
Expenditure	362.26
30th September 1982	<hr/> 706.54

IFIELD RESTORATION FUND

1st October 1981	666.03
Bank Interest	70.61
Crawley Urban District Council	146.86
	<hr/> 883.05
Expenditure	216.38
30th September 1982	<hr/> 667.67

PIDDINGHOE KILN RESTORATION FUND

1st October 1981	7.74
Donations	122.00
	<hr/> 129.74
Expenditure	169.31
Debit Balance written off to General Fund	<hr/> 39.57

LIFE MEMBERSHIP FUND

1st October 1981	450.00
Subscriptions	90.00
30th September 1982	<hr/> 540.00

## Editor's Report

Thanks to the efforts of those of you who have been able to contribute information or articles, the customary four Newsletters and Sussex Industrial History No.12 were published during the year and work is proceeding on History No.13 and Newsletter No. 37. Mrs. Upton has again very kindly agreed to type the master copies for reproducing the History.

One of the worries concerning these Journals is the cost of postage, especially for the History which is likely to cost at least 26p per copy and is about a quarter of the production cost. The Society is therefore very grateful to those Members who tramp the streets making hand deliveries to about half our Membership. If Members could note the addresses of New Members, as published in the Newsletters, and offer to make hand deliveries to any of them I should be very much obliged.

Finally, I thank the Chairman and Members for their continued interest and support for the Journals throughout the year, particularly of course, Mr. & Mrs. John Upton for their work on the History and Mrs. Stevens for typing and duplicating the Newsletters. I should, however, welcome any comments or suggestions for improvement of the publications. Eric Taylor.

## Brick Study Group: Report for 1982

Eleven members attended the meeting of the Group held on 20th November. Mr. E.W. O'Shea, who has been Chairman of the Group since it first got under way, resigned and handed over to Mr. J. Haselfoot. We should like to thank Mr. O'Shea for steering the Group through this initial period.

Accounts of work done in their various fields were given by members at the meeting and reports of other activities have reached the Group Secretary during the year. These included notes about individual brickworks, newspaper photographs and advertisements, all of which make welcome additions to the files. Mr. R. Martin, in addition to his work on mathematical tiles, found time during the past year to go through the complete set of Second Edition (1898) 6 in. Ordnance Survey maps for Sussex, noting all the sites of brickworks, as well as names of the 'Claypit' and 'Kiln Wood' type, which may denote earlier brickmaking activities.

Work published during the past year includes: the restoration of the tile kiln at Piddinghoe (E.W. O'Shea), the history of the Baker family who were brickmakers there (B.E. Osborne), Hillman's Brickyard, Partridge Green (H.J. Paris & J. Blackwell) all in Sussex Industrial History Vol. 12, an account of the Crowborough Brickworks by J. de Havilland in the Great Bush Telegraph No. 4, 1982, (reviewed in this issue) and a section on the local brickworks in Scarpfoot Parish: Plumpton 1830 - 1880 (ed. B. Short, Brighton University C.C.E.),

Now that work has been completed in several areas, the transfer of material to the Society's archives at Hove Library has begun. The parish is being used as the basic unit for filing purposes. However, there are still some parts of the county where work in documenting the brickworks has hardly begun. The Group secretary was pleased to receive three offers of help with this work from members present at the Society's A.G.M. but would welcome further volunteers to cope with parishes in the following areas in particular: Rye, Billingshurst/Petworth and Bognor/Chichester. In addition, any member with access to sets of maps (especially for West Sussex), old newspaper files or similar material could do valuable work in noting any references to brickyards or brickmakers contained therein.

As the S.I.A.S. has no facilities for the display or storage of interesting samples of bricks and tiles, any of these which may come into member's hands from time to time should be channeled to the Chalkpits Museum at Amberley unless room can be found for them at a local museum (please contact the Museum Director, Ian Dean, on Bury 370, first). However, a drawing or "rubbing" of any inscriptions or frog-marks, together with a note on dimensions, colour, texture and provenance, would be appreciated for inclusion in our own archives (on A4 paper, please).

Footnote: Mr. Avery, reporting to the B.S.G. meeting on a second Open Day held in October at the Keymer Tile Works, mentioned that two new shuttle kilns had been installed, which halve the time taken by the old Hoffmann and circular down-draught kilns to bake the tiles. This information could well be of interest to a future generation of industrial historians! M. Beswick

#### GENERAL NOTES AND NEWS

Recording Industrial Archaeology Sites in Sussex One of the objects of the Society as stated in the new Constitution is "to record the physical remains of economic and industrial activity, especially since 1750, in the Counties of East and West Sussex". Although individual members of the Society have been doing this over the years there is as yet no central record maintained by the Society.

To redress this situation the Committee has drafted a standard Recording Sheet which it is proposed to use for all Industrial Archaeology sites in Sussex. The sheet has been devised in a simple format with relatively few boxes to be filled in. The "Description" section has been left open as it is appreciated that there are widespread differences in the character of the sites and industries recorded and the amount of information available.

It is suggested that every Industrial Archaeology site should be recorded including those already destroyed and ones where remains are vestigial. The major industries will have been adequately covered by previous research but the help of members is required on the many minor industries where specialised knowledge exists. Investigations of sites within a physical area can only be carried out by members in that area.

Enclosed with this Newsletter is a sample of the Recording Sheet together with Notes on their use and a Classification of Industries. Members who are interested in this work should get in touch with the General Secretary to obtain a supply of recording sheets.

R.G.M.

Society Archives Members are reminded that these are deposited in the Local History Room on the first floor of Hove Library in Church Road, Hove and available for inspection Tuesday to Friday 10.00 - 18.30 and Saturday 9.30 to 16.00. Maps belonging to the Society are kept in the library map case. Mr. P.J. Holtham will be pleased to hear from members with inquiries or wishing to deposit documents. It is also his intention to compile a record of any documents that members, whilst retaining ownership, are prepared to loan to researchers.

P.J.H.



Transport to Meetings and Visits There have been comments by several members who do not have their own transport and have difficulty in attending meetings distant from their home. If any member wants a lift to a meeting or visit would they please get in touch with me or Don Cox, the Programme Secretary, or any Committee Member, and we will try to make the necessary arrangements.

R.G.M.

Threat to Industrial Archaeology Sites The Association for Industrial Archaeology, to which our Society is affiliated has asked for help in ensuring that any threat to industrial archaeology sites is brought to their attention as early as possible in order that they can take some positive action. This particularly applies to the Listed Sites which are noted below but any site which may be in danger should be reported to me.

List of Scheduled Industrial Monuments as at August 1982

East Sussex

Oldlands Furnace, Buxted, Wealden  
Old Iron Foundry, Pippingford, Hartfield, Wealden  
Double Oast House, Flocks Farm, Udimore, Rother  
Woolbridge Furnace, Mayfield, Wealden  
Crowborough Forge, Withyham, Wealden

West Sussex

Amberley Lime Kilns, Canal, Engine Shed, etc  
Warren Furnace, Worth, Mid-Sussex  
Ebernoe Brick and Tile Works, Kirdford, Chichester  
Halnaker Tower Windmill, Boxgrove  
Coultershaw Beam Pump, Petworth

R.G.M.

Telecom Technology Showcase The Editor recently had occasion to visit this new and permanent exhibition which illustrates 200 years of progress in Communications from the earliest naval telegraph systems to the present and possible future facilities of the modern 'electronic' office. The Exhibition, which is in London close to Blackfriars' Station and the Mermaid Theatre, is outstanding and well worth a visit. Open Monday to Thursday, 10.00 - 16.30, Free. Closed on Bank Holidays.

E.O.T.

FORTHCOMING VISITS AND EVENTS

Programme for 1983

Saturday 5th March 2.30 p.m.

Mystery Tour of Some Sussex Bridges. Meet at Stopham Bridge TQ 029183 Following the talk at the A.G.M. Alan Allnutt has suggested that a visit to inspect some of the bridges then talked about, could be of interest. We start at Stopham Bridge on the Arun just west of Pulborough on the A283. There is ample parking on the grass verges about 100 yards or so to the east of the bridge.

Easter Monday 4th April 2.15 p.m.

Talk and Walkabout. The Fabric of the Vernacular Buildings of Lewes, (including Mathematical Tiles). Meet at the Church Hall of St. John Sub Castro, Talbot Terrace, Lewes (near Pells Swimming Pool). Ted O'Shea who was advisor to Professor Hoskins when the TV programme on Lewes was made, has offered to give a talk on that subject. This will be followed by a conducted tour of Lewes to see the features described in the talk.



Saturday 16th April

South East Regional Industrial Archaeology Conference

The Uses of Water

The University of Surrey, Guildford.

See previous Newsletter for booking form and details. This is the first attempt at a regional I.A. get together and it deserves our full support.

Saturday 14th May, 4.00 p.m.

Talk, Tea and Tour of Amberley Chalk Pits Museum. Meet in car park.

Ian Dean has promised to talk about the progress made during the winter months at the museum. Then refreshed by tea and buns we will be shown around the museum. If you are interested in I.A. then you should know the latest news of the happenings at Amberley.

Saturday 18th June 2.00 p.m.

Mystery Tour of Mills. Meet at Warnham Watermill (TQ 168323)

Warnham Road, Horsham. Park in road adjacent to the mill.

Once again Frank Gregory has been persuaded to unravel some more mysteries of "our" mills. Shortened to a half-day visit but still promising to be one not to be missed.

Saturday 9th July 7.00 p.m.

Members Evening. Talk, Refreshments and Tour of Anne of Cleves House, Southover High Street, Lewes. This is your chance to come and meet and talk to other people interested in I.A. Please bring your wife/husband/friend. Anne of Cleves House is well worth a visit on its own and there will be guides to show you around. Your Chairman has promised to give an illustrated talk called "From Horses to Horse Power". This is a non-technical talk of interest to everyone. Finally, some time in the evening will be devoted to some refreshments. I thought some cheese and wine probably, but do please let me know your preferences. Do reserve this date.

That is the first part of the programme. The enclosed programme card gives a summary of the complete programme. Further details will be put in later newsletters.

#### PUBLICATIONS

Rail Centres, Brighton by B.K. Cooper. Published by Ian Allen £6.95. 144 pp. A4. Illustrated.

This is the second in a series, Bristol having been the first, devoted to the development of Rail Centres and as Brighton was by no means one of the larger ones the subject has been padded by the inclusion of such border areas as Worthing, Lewes and even Partridge Green.

The early days and development of both station and works are well covered with material from contemporary newspaper reports and reproductions of old prints. The "old chestnut" of the present 1883 roof not replacing the original, 1840, is repeated - the train shed was extensively remodelled in the 1860's. The site maps are clear and informative. The chapters on electrification, secondary services and freight are a little sketchy. A feature of the book is the large number of photographs of structures, rollingstock and locomotives and it is in this area that I have my main criticism of the book, namely that of poor proof-reading in the captioning which certainly should not happen in a book of this price and quality; examples such as a "first class bogie coach" under a photograph with the words THIRD on each of the eight doors; a photograph of Preston Viaduct captioned : - "the arches reconstructed after bomb damage are conspicuous", they are not, and the "howler" on page 45 of Shoreham signal box - it is certainly Shoreham, but Shoreham on the L.C.D.R. Sevenoaks line.

The rolling stock built at Brighton before removal of the carriage works to Lancing is not mentioned and here again the captions are poor, returning to the first class bogie coach - is it a Marsh or a Billington?

Unfortunately the above criticisms marred the book although to any Brightonian it is wonderfully nostalgic and brought back memories of journeys on the Kemp Town branch and the photograph on the dust jacket of the Brighton Belle resplendent in the chocolate and cream livery of the Pullman Car Company is superb.

J.S.F.B.

#### Great Bush Telegraph No.4 1982

This small booklet, produced annually, consists of articles relating to the Great Bush Railway, a 2ft. gauge industrial railway being constructed at Tinkers Park, Hadlow Down. The present issue contains a long article on the Crowborough brickworks, closed in March 1980, which operated a N.G. railway system for transport between the brick-making machine, drying kiln and firing kilns.

The works appear to have been started about 100 years ago and, with the exception of the two World War periods, was operated continuously until the last firing in February 1980, closure being caused by the lack of further clay. The article traces the history of the brickworks through the hands of various owners, being finally bought by Redlands in 1961. The plant at closure comprised a pan mixer with 15 rail tracks, and three firing kilns, a Hoffman (dating from the 1890s) a Begium and a Sercombe; there were also 7 N.G. locomotives, both diesel-driven and battery-driven.

The article is a valuable addition to the history of brick-making in Sussex and the booklet, which also contains an article on early rails for plateways and edge railways, is worth its price of 50p. Copies may be obtained from John de Havilland, 33 Danvers Road, Tonbridge, Kent TN9 1TR.

The Chalk Pits Chronicle The current issue (No.19) contains, in addition to 'Museum' news, a short but interesting article by W. Hiron on the Hants and Sussex Motor Services Ltd. The company can be traced back to 1937 but finally had to go into receivership in 1954.

E.O.T.

#### MEMBERSHIP CHANGES

##### New Members

Mrs. C.M. Fogden, 57A East Slope, University of Sussex, Falmer, Brighton.

Miss E. B. Glaisyer, 22 Ashcroft House, 100 Kingston Lane, Shoreham-by-Sea, W. Sussex, BN4 6YQ.

Lady Anne Margaret Sowrey, Home Farm, Herons Ghyll, Uckfield. (Nutley 2964)

S. Redman, Littlehurst, Birch Avenue, Haywards Heath RH17 7SL. (HH.413738)

##### Resignations

N.G. Barnes, C.R. Childs, Janet Gibson, David D. Russell, Peter Upton.

##### Deceased

P.S. Laurie.

##### Corrections to Address

R. Harris, 35 Chalcot Square, London N.W.1.

Hove Library, 182 Church Road, Hove, BN3 2EG. Delete Miss J. Dale.

##### Change of Address

M.D. Porter, 10 Stonepound Rd, Hassocks, W.Sussex. BN6 8PP (Hassocks 6111)

T.D. Sparrow, Hunters Lodge, Bells Yew Green, Tunbridge Wells, Kent  
TN3 9AN (Tunbridge Wells 32185)