

Notes and Correspondence on Types of Maps

Publication/Creation

1871-1873

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f1r

The Observatory,

Cranford, Middlesex. W.

Jan 5 1873

My dear Mr. Galton,

I think that the best way would be to print by means of lithography the index on the back of the maps; the object being portability and to ^{avoid} unnecessary thickness for the pocket. I should not attempt any thing ornamental the most artistic thing is that produced by good clear lettering, not too

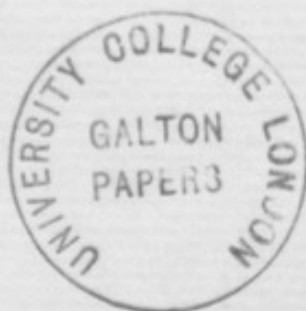
FIV

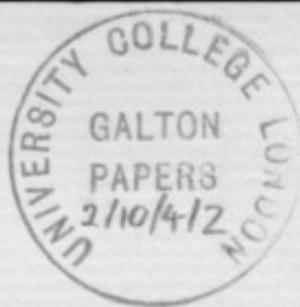
heavy as the lettering would
show through the translucent
paper and interfere with the
map.

I shall attend the Mel.
Committee tomorrow.

I return your map as it
may serve for other experiments.

Yours very truly
Francis Galton





f1

The Close. Salisbury. Sep. 1.

My dear W. Galton,

owing to an oversight your
letter enclosing a copy
of your address to the
geographical section did
not reach me till it
was too late to bring
the subject of the ^{proposed method of} publication

of the Ordnance maps, before
the Committee of section F.

I much regret this circum-
stance, as the subject is one
of much practical importance.

Allow me to take this opportunity
of thanking you for the copy of
your address which I have
read with great interest.

Believe me, yours sincerely

Harry Fawcett
Francis Galton Esq.

flr



9 Dec 1872

My dear Frank

Mr. Austin

would be very glad
to see you on the
Brit. Assoc. Committee
on the subject of the
Mach. of 2m

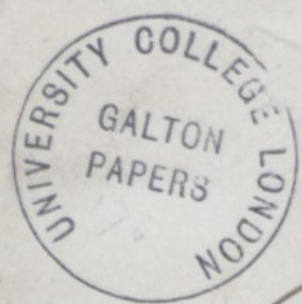


John & 'disarm the
 porters' little hands

He little talk
 it over little frances.

Yours after
 Myselfalton.

f2r



Francis Galton Esq

Putnam St

EW.

~~George Russell~~
John



42 Rutland Gate ^{flr} to
Nov 25/22

My dear Douglas

A ctee was appointed,
as you are aware by the British
Association on a motion
originating from myself, to the
following effect: -

(see 1st page)



With you kindly advise me
as to the most appropriate

manner of proceeding. ^{2 p1v}

It may be convenient that
I should enclose, which I now
do, a copy of my Address
as President of the Geographical
Section in which the reasons
for my 'proposal' were given
(see pages 6, 7, & 8). ^{I should state that}
^{the my}
original proposal, ~~as contained in the pamphlet~~ was in some
degree modified after discussion
^{being our Committee}
and ^{was put by them} into an improved form;
still, the reasons contained
in the enclosed pamphlet are
mainly those in which the

resolution would, so far as I^{p25}
alone am concerned, be urged.

Affectionately

Francis Galton

Dear

Capt F Douglas Galton CB.



That Mr. H. Nantais, F. Colton, Adm: Brumby, Hawthorn,
Bramwell & Co. Mac Godwin Austin & Co. (with
power to add to their number) to the purpose of representing to
the Govt the advisability of an issue of the one-inch Ordnance
Maps, printed on strong thin paper, each sheet having
a portion of an index map embossed on the outside, to
show its contents & those of the adjacent sheets & their
numbers. Also that these maps should be sold in all
important towns and, if possible, at the several Post-Offices,
that Mr. F. Colton be the Act.

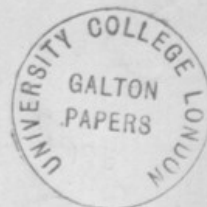
f3

FOR CONSIDERATION AT THE COUNCIL MEETING
ON MONDAY.

Proposed by MR. GALTON :—

THAT the Interest of the MURCHISON FUND be expended this year in procuring Specimens of, and a Report on, the various Styles of Cartographic Representation, now in use both in England and abroad, as regards shading, colours, symbols, and method and cost of production, but not as regards projection.

THAT a Committee be appointed to arrange particulars.



BRITISH ASSOCIATION FOR THE ADVANCEMENT OF
SCIENCE.

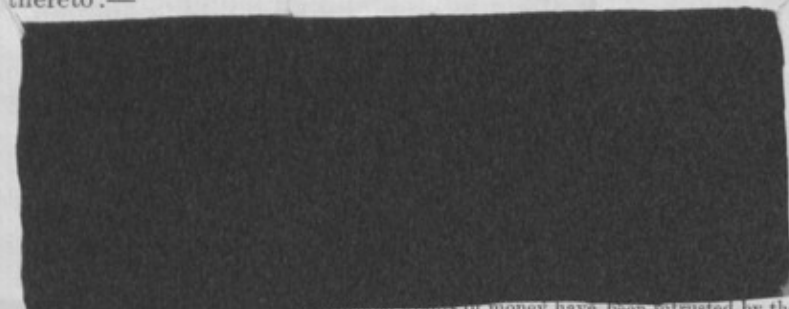
HARROW

Sept 7 1872



SIR,

I am directed by the General Committee of the British Association for the Advancement of Science, to transmit to you the following Copy of a Resolution, which was adopted by the Committee at the last Meeting of the Association, and to request your attention thereto:—



Members to whom grants of money have been intrusted by the Association for the prosecution of particular researches in Science, are required to present to each following meeting of the Association a report of the progress which has been made; and the Individual or the Member first named of a Committee to whom a money grant has been made, must (previously to the next meeting of the Association) forward to the General Secretaries or Treasurer a statement of the sums which have been expended, and the balance which remains disposable on each grant.

Grants of money sanctioned at any one meeting of the Association expire *a week before* the opening of the ensuing meeting; nor is the Treasurer authorized, after that date, to allow any claims on account of such grants, unless they be renewed in the original or a modified form by the General Committee.

No Committee shall raise money in the name or under the auspices of the British Association without special permission from the General Committee to do so; and that no money so raised shall be expended except in accordance with the rules of the Association.

In each Committee, the Member first named is the only person entitled to call on the Treasurer, W. Spottiswoode, Esq., 50 Grosvenor-place, London, S.W., for such portion of the sums granted as may from time to time be required*.

In grants of money to Committees, the Association does not contemplate the payment of personal expenses to the Members.

In all cases where additional grants of money are made for the continuation of Researches at the cost of the Association, the sum named is deemed to include as a part of the amount whatever balance may remain unpaid on the former grant for the same object.

All Instruments, Papers, Drawings, and other property of the Association are to be deposited at the office of the Association, 22 Albemarle Street, London, W., when not employed in carrying on scientific inquiries for the Association.

* N.B. For this purpose a printed form of Order on the Treasurer will be supplied to the Member first named on the Committee, and additional copies of the form may be had on application to the Treasurer, W. Spottiswoode, Esq., 50 Grosvenor-place, London, S.W.

I have the honour to be,

Your very obedient Servant,

GEORGE GRIFFITH,

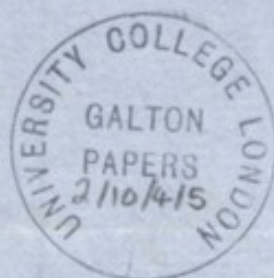
Assistant General Secretary.

To Francis Galton. Esq. F.R.S.

33. Great George Street,
Westminster.

S.W.

6 July 1873



My dear Sir

I have to leave
London tomorrow at
5 o'clock and shall
be unable therefore to
meet you at the
afternoon

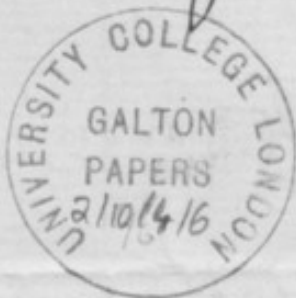
Yours very
truly

Francis Pittman



flr

Ordnance Survey Office.

Southampton 22nd Aug. 1871.

My dear Galton,

I have allowed your note respecting the price of cheap ordnance maps, at about 3^d each, to remain too long unanswered. I intended to have sent you a copy of the map of Aldershot and its vicinity which has been prepared for the Autumn manoeuvres

The Army, on the back of which,
adopting your suggestion, I
have had an Index printed -
but I cannot send it to you
as there is some doubt if the
War Office about selling them
to the public.

This map contains parts of
six of the one-inch sheets, and
the cost is 9^s. We have orders
to print 1500 copies and

f2r

You will soon see the short.

As to the difficulty in getting
our maps, it arises from the
fact that we now have four
Agents only in England & Wales,
instead of at least 25 or
one in every tolerably sized town.
and these four agents are all
in London, and receive $33\frac{1}{3}$
pence, instead of 25 pence each
but for such dear as the
Agents are they seem to have

been selected because they
are themselves map makers
and sellers, and sell to the
public bad copies of the ~~old~~ ^{new} maps,
taken by robbing!

This was done against
my earnest protest. and
the Govt is losing some £3000
a year by this arrangement,
and the public are everywhere
dissatisfied - Yours truly

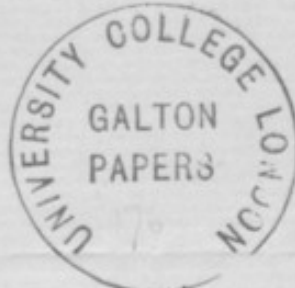
Henry James

Francis Galton Esq.





Ordnance Survey Office.
Southampton 7th Dec 1871.



My dear Galton,

I have only time to say
the Aldershot map is not on
sale / probably because the
Agents Sandford & Widener
selling maps there are / let
send you a copy to you are only

Yours truly
Henry James

Francis Galton Esq

f4

Mr H. James
Ordnance maker

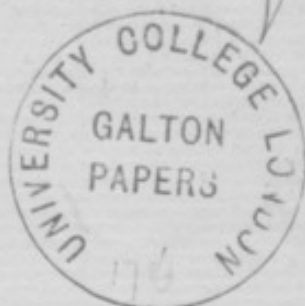


f5r



Ordnance Survey Office.

Southampton 16th Aug^r 1874.



My dear Galton,

I am much obliged to you

for sending me a copy of your
Presidential address to the
Geographical Section

I enclose a copy of that. Your
4 mile map on Hemp paper,
which I have forwarded to Jones
and printed for the use of the

Quarter Master General in directing
the troops & concentrate for the
Autumn manoeuvres - We
have supplied upwards of a
thousand copies of the one inch
map for the use of Commanding
Officers, which embrace the
manoeuvring ground at Fort
Seale - Neither the Treasury
or the Post Office will entertain
the idea of giving the Post Office for

the sale of maps. The maps
I have used the Ordnance Maps
for the construction of maps on
smaller scales than one-inch,
and they make their profit not
only by the sale of the plan-copies,
but by mounting and coloring
them. Mr. Childers when at
the Treasury put an end to the
system of giving an agent for the
sale of our maps, in every town
of any size, where there was a



p6v

respectable bookseller, and
attended the present very
imperfect system I supply
to public with maps. I hope
the Committee of your Section
allows of a Distangular
Tangential Projection, to which
I myself attach great importance.

The meeting of the Society appears
to be so far a success, and I
hope it will continue to be so.

Yours truly
Francis Galton Esq. Henry James.



13th Dec. 1872.

My dear Galton,

I have received the copy of
the "Chatham" sheet of the one
rich map, with the docket you.
I suppose to have stuck on to it.
I showed it to Mr. Agston this
morning, and I do not think
he is much in favour of it, but



he proposes to write to you
himself upon the subject.

I return to Southampton this
afternoon.

Yours truly

Henry James.

Francis Jackson Esq -

F.R.S.



f81

Ordnance Survey Office.
Southampton 18th Jan 1873.



My dear Galton.

I have received the
Chatham sheet of the new
one-inch map, with its two
advertising labels on the back.

I think we must continue
something better than these,
and what will be sent over
for all our maps. You seem

to like the thin strong paper,
and to have your maps
folded in a particular way,
but others may prefer to
have them on different paper
and not folded at all, and
without printing on the back.

Yours truly
Henry Jones.



Francis Galton Esq.

1. 2. 3. 4.

flr



18 August.

My dear Mr Galton.

It afforded me great pleasure to hear your observations upon the desirability of improving our system of cartography by the introduction of colors on our Maps. As hitherto the system has undoubtedly failed to define the features

of a Country such as would
be presented ~~by~~^{to} a birds
eye inspection from a point
above. And the more so
as I introduced the system
you recommend sometime
since in my plans of
improvement and to apply to
some extent and in my
present work. it will be
found almost completely
developed as you would
wish. If you should be

Anywhere in the neigh-
 bourhood of the Crystal
 Palace - York and Court-
 where I shall buy Office,
 it would find me great
 pleasure to tell you and
 to show you how far my
 notions in these respects
 are in accordance with
 yours - And still more to
 profit by any thing you
 might suggest. A line
 at any time would be welcome



are being on the spot to
receive you - in the mean-
time believe me

Yours faithfully
Levitt P. Mear.

21 Charles St. Jan 13



My dear father

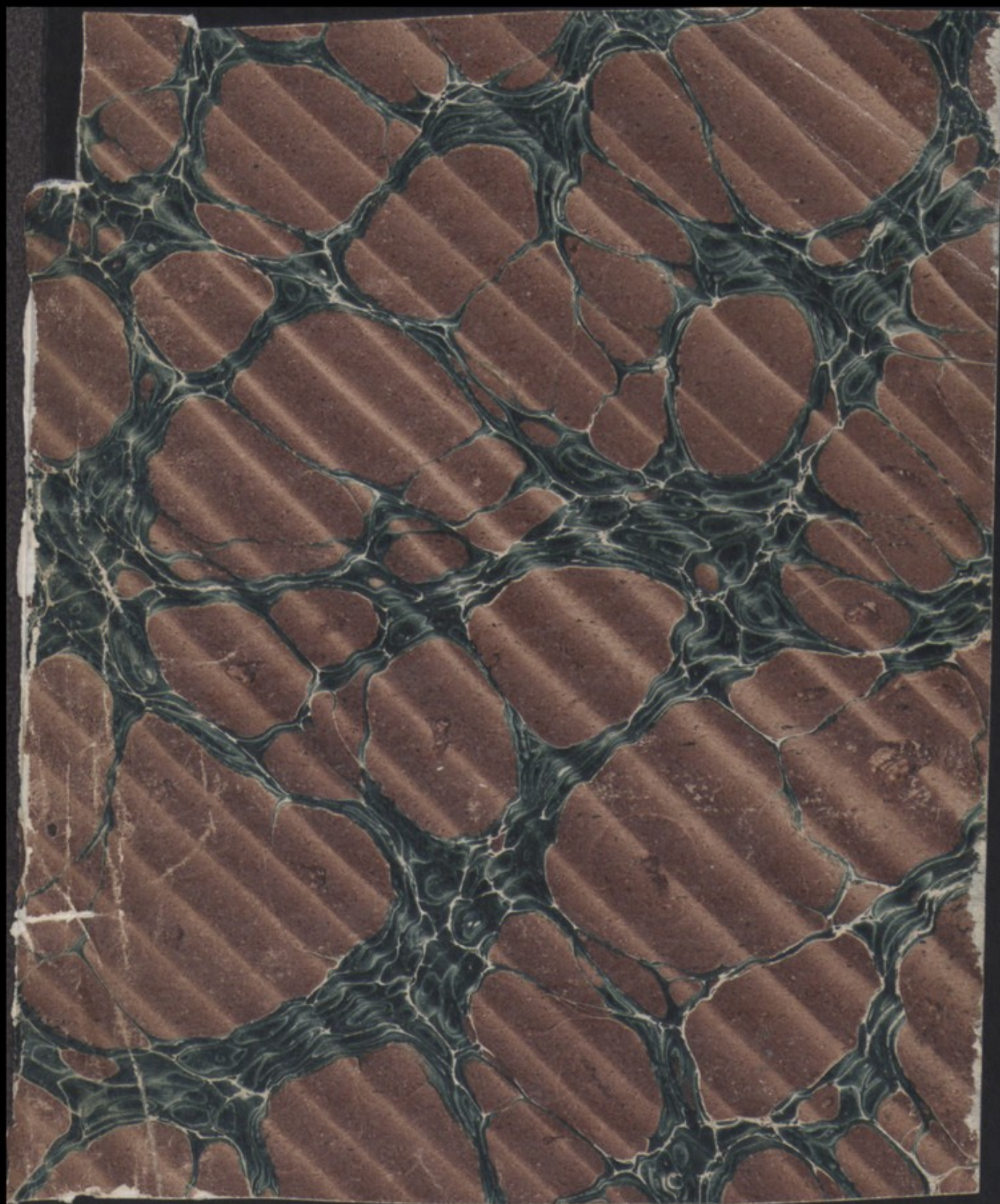
I will meet you
at the Museum on
Tuesday at 5.00 to
consult about the Sepa-
ration and will find
you if you like writing
up to Lynton, but he
rather wishes me a

judge for having
signed the Hooker
Memorial, and I
almost think therefore
you would do better
without me - however
I am at your disposal
Your preliminary ar-
rangements will make
a easy work for us and
we ought therefore

p2

the much indebted
to you -

Have you heard that
the J^r has refused
the Ladies' Supper
for this year, the
Challenger having
exhausted their
Scientific purse?
Must bring
Hallowe'en





20 fathoms depth shown with the bar and line

54	57	59
55	58	60
56	59	61

MAIDSTONE
Scale of Five Miles or a Roman Mile

Notes on the map: The map is a reproduction of the original, and the scale is given in miles. The map is a reproduction of the original, and the scale is given in miles.

ROCHESTER 76. SE.

NW	NE	NW	NE	NW	NE
66	67	68			
SW	SE	SW	SE	SW	SE
78	79	80			
SW	SE	SW	SE	SW	SE
NW	NE	NW	NE	NW	NE
83	84	85			
SW	SE	SW	SE	SW	SE

ORDNANCE MAP

1 INCH TO 1 MILE

WILL BE SENT DIRECT BY POST
ON PREPAYMENT OF
BY POST OFFICE ORDER TO
H.M. ORDNANCE MAP OFFICE
LONDON

ANY OF THE FOLLOWING
INDEX MAPS OR CATALOGUES
MAY BE ORDERED BY POST
AND WILL BE SENT DIRECT ON
PREPAYMENT OF THE ANNEXED
PRICE BY POST OFFICE ORDER TO
H.M. ORDNANCE MAP OFFICE
LONDON

Index Map of 1 inch survey

KNSH & HOLL, 202, HIGH HOLBORN, LONDON, W.C.

1 2 3
CLARK, FORD & CO.

DRAWING REFERRED TO IN THE
SPECIFICATION OF

ORDNANCE
MAP
1 inch to 1 mile.

ROCHESTER	66	67	68
75	76	77	
83	84	85	

ORDNANCE MAP
1 inch to 1 mile.

66	67	68
75	76	77
83	84	85

76. SE.
ROCHESTER



7. 2. 1914



ORDNANCE SURVEY

ALDERSHOT

AND ITS
VICINITY

SCALE 1:50,000



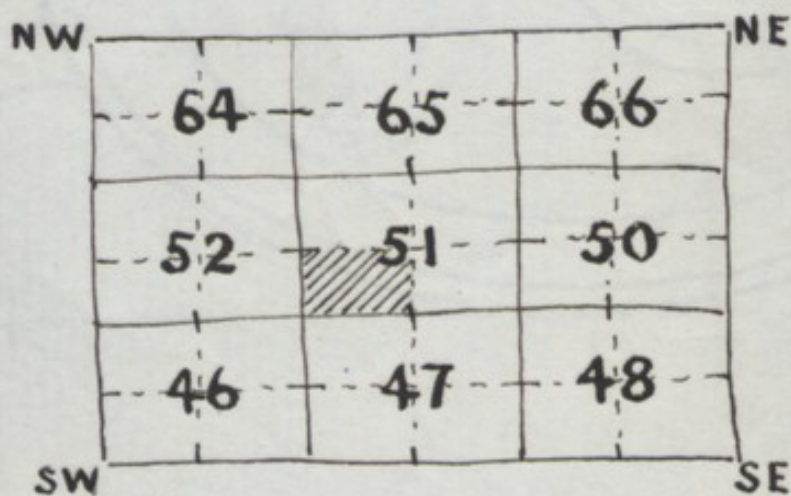
THE
ORDNANCE
SURVEY
MAPS
OF
ENGLAND
AND
WALES
AND
TOWN
PLANS
OF
LONDON
AND
THE
SOUTH-EAST
OF
ENGLAND

51 . SW *f.3*
CAMBRIDGE



ORDNANCE MAP

1 INCH TO 1 MILE



ORDNANCE MAP OFFICE

NOVEMBER 1872

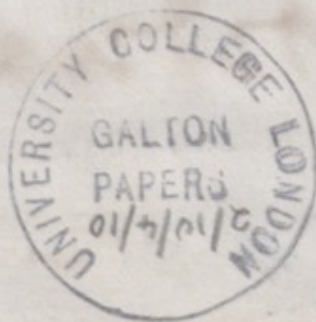
THE ORDNANCE SURVEY. *Times*

In answer to Mr. WELBY, *June 14/72*

Mr. AYRTON said that as a general rule the counties of the greatest importance from their enterprise were chosen for survey, and regard was also had to the military requirements of the War Office. Acting upon these principles, he could hold out no expectation that the county of Lincoln would be surveyed during the next ten years. (Laughter.)

ELECTIONS FOR SCHOOL BOARDS. *445*

sent back to the Royal Arsenal, Woolwich, ^{for} The axletrees are made of the best iron, and, in order to save weight, are as light as possible consistent with endurance, being $3\frac{1}{4}$ inches broad by $1\frac{1}{2}$ inches in depth. It is now decided to increase the depth to $2\frac{3}{4}$ inches, by which the strength of the axle will be nearly doubled; and the authorities of the Royal Carriage Department believe, notwithstanding that it has been found necessary to amend their design after trial, that both as regards gun and carriage



74

ordnance

maps.

ORDNANCE SURVEY
of the District round
SALISBURY



Revised for Antiquarian Mapmakers, 1972. Issued as a supplement

Scale - value of Four Statute Miles to One Inch.
1 2 3 4 5 6 7 8 9 10 11 12 Miles

Engraved at the ORDNANCE SURVEY OFFICE, SOUTHAMPTON Major General Sir H. James R.E. F.R.S. &c. Director

be values, by measuring all factors as regards life. He concluded by saying—"Thus, in view of the answers returned by the Government for facilitating the transfer of land, it is desirable that the industrial map of England and Wales should be completed at the earliest practicable period."

Mr. ATTWOOD presented that the subject of the motion had engaged the attention of Parliament at odd times during the past 50 years, and the survey had during that period cost £200,000. The system at first adopted had been one enmeshed as in a net of ignorance and inexperience; but great experience had been gained on the subject, and ways were

[illegible][illegible][illegible][illegible]

Mr. BERENSON-HOVE joined with those who had said that Government is just on a little more strongly, and much on this work with a little less interest for country. At the same time, he went on to say that the work with money is not done, but he is not sure. Every one should, however, know how to do it, and every one who has a good idea should know how to do it. He said that the Government should be able to do it, and he said that the Government should be able to do it.

[illegible]

The motion was withdrawn.

[illegible]

