

# Excursion to Sudbury (Suffolk). Saturday, April 23rd, 1910 - Geologists' Association excursion

From Earthwise

[Jump to navigation](#) [Jump to search](#)



□

## Contents

- [1 Geologists' Association Circular 118. Session 1909-1910. p.5.](#)
- [2 Excursion to Sudbury \(Suffolk\). Saturday, April 23rd, 1910. \(Transcription from Geologists' Association Circular 118. Session 1909-1910. p.5\)](#)
- [3 Images](#)
- [4 List of photographs](#)
  - [4.1 Excursion to Sudbury, Suffolk, April 23rd 1910](#)

**Geologists' Association Circular 118. Session 1909-1910.  
p.5.**



•

## **Excursion to Sudbury (Suffolk). Saturday, April 23rd, 1910. (Transcription from Geologists' Association Circular 118. Session 1909-1910. p.5)**

**DIRECTOR:** REV. E. HILL, F.G.S.

**EXCURSION SECRETARY:** T. W. READER, 17, Gloucester Road, Finsbury Park, N.

Leave Liverpool Street Station at 10 a.m.; due Sudbury 11.46.

To obtain cheap return tickets, 6/3, meet Excursion Secretary in main line booking office not later than 9.45.

The object of this Excursion is to examine beds, associated with the Boulder-clay, at Sudbury (Suffolk), for evidence of the conditions which preceded and followed its deposition. Sections of Chalk, Thanet Sands, and Crag will also be seen.

The party will first examine the pits northeast of the town, beginning with the highest, where a general description of the neighbourhood will be given. In the Gallows Hill Brick-pits (200 feet O.D.) Boulder-clay lies on, and seems to pass continuously down into, bedded silts of considerable thickness. These bend into a hollow, which it fills. In the Victoria Pits (lower, perhaps 150 feet O.D.) coarse gravels and sand lie on eroded surface of Crag, with Boulder-clay included in them, apparently contorted. A pit (about the same level) is the pit described by Dr. Mart in the Geological Magazine of 1837, p. 262, which shows Boulder-clay contorted Sands, and Crag.

The party will then view the pits east of the town, along the Newton Road. 'The Alexandra Brick-pit (200 feet O.D.) gives an extensive section of Boulder-clay on silts, also bending into a hollow. In the sand-pit nearer the road (170 O.D.) *apparently* normal Boulder-clay fills a hollow in current-bedded gravels, which lie on Crag. In Whorlow's Pit (150 feet O.D.), Boulder-clay, *probably* re-made, lies on sands and gravels, below which are eroded Crag, Thanet Sands, and Chalk (zone *Marsupites*).

A pit (200 feet O.D.), about a mile farther east, gives a good section of Sands, which are widely distributed in the neighbourhood, and have considerable thickness. There is some evidence (elsewhere) that they underlie the Boulder-clay. A pit (200 feet O.D.) near the Rifle Range gives a deep section of red sands, which seem to be Crag. Returning to the town, visit the Station Chalk-pit (130 O.D.). Here the Boulder-clay is even more probably re-made.

Walking distance about 7 miles.

Meat tea at the Four Swans, price, 2s, each.

Return train, 6.30 p.m.; due Liverpool Street 9.3.

## REFERENCES.

Geol. Survey Map, Sheet 47 (drift). Price 8s. 6d.

Six-inch Maps West Suffolk, Sheets lxxii, S.E., and lxxix, N.E.

1878. WHITAKER, W.—" Geol. Survey Memoir on N.W. Essex and N.E. Herts"; explanation of Sheet 47.

1887. "Glacial Deposits of Sudbury, Suffolk," by Dr. MARR.' *Geol. Mag.*, vol. , p. 262.

1887. WHITAKER,—"Excursion to Sudbury," *Proc. Geol. Assoc.*, vol. x, p. 187.

1898. GREGORY, J. W.—"Excursion to Sudbury," *Proc, Geol. Assoc.*, vol. xv, p.455.

## Images



Whorlow's Chalk  
pit.



The Alexandra  
Sand pit.



Newton Road  
Sand pit. 15 to  
20 ft whitish

well bedded  
sand, eroded at  
top and overlain  
by irregular  
sands and  
gravels.



Newton Road  
Sand pit. 15 to  
20 ft whitish  
well bedded  
sand, eroded at  
top and overlain  
by irregular  
sands and  
gravels.



Contorted clays  
and sands.  
Greens pit.



Upper Gallows  
Hill pit. Chalky  
Boulder clay  
resting on  
undisturbed

finely bedded  
sandy silts.



Lower Gallows  
Hill pit. Boulder  
clay filling a  
hollow formed  
by bending of  
silt beds.



Victoria pit  
north east of St  
Peter's Church.

## List of photographs

### Excursion to Sudbury, Suffolk, April 23rd 1910

- [Page 11 P805360](#) Whorlow's Chalk pit. Excursion to Sudbury, Suffolk, April 23rd 1910. Added note: Chalk; Thanet; Crag; Current bedded gravels; Boulder clay. [Bottom to top.]
- [Page 11 P805361](#) The Alexandra Sand pit. Excursion to Sudbury, Suffolk, April 23rd 1910. Added note: Member's hat is seen at the top of the Thanet beds; Crag; Current bedded sands and gravel; Boulder clay; Made earth. [Bottom to top.]
- [Page 11 P805362](#) Newton Road Sand pit. 15 to 20 ft whitish well bedded sand, eroded at top and overlain by irregular sands and gravels. Excursion to Sudbury, Suffolk, April 23rd 1910.
- [Page 11 P805363](#) Newton Road Sand pit. 15 to 20 ft whitish well bedded sand, eroded at top and overlain by irregular sands and gravels. Excursion to Sudbury, Suffolk, April 23rd 1910.
- [Page 13 P805364](#) Contorted clays and sands. Greens pit. Excursion to Sudbury, Suffolk, April 23rd 1910.

[Page 13 P805365](#) Upper Gallows Hill pit. Chalky Boulder clay resting on undisturbed finely bedded sandy silts. Excursion to Sudbury, Suffolk, April 23rd 1910. Added note: Silts; Boulder clay. [Bottom to top.].

[Page 13 P805366](#) Lower Gallows Hill pit. Boulder clay filling a hollow formed by bending of silt beds. Excursion to Sudbury, Suffolk, April 23rd 1910. Added note: Bedded silts; Boulder clay. [Bottom to top.].

[Page 13 P805367](#) Victoria pit north east of St Peter's Church. Excursion to Sudbury, Suffolk, April 23rd 1910. Added note: Chalk; Thanet Sands; Crag; Current bedded glacial sands. [Bottom to top.].

Retrieved from

'[http://earthwise.bgs.ac.uk/index.php?title=Excursion\\_to\\_Sudbury\\_\(Suffolk\).\\_Saturday,\\_April\\_23rd,\\_1910\\_-\\_Geologists%27\\_Association\\_excursion&oldid=50428](http://earthwise.bgs.ac.uk/index.php?title=Excursion_to_Sudbury_(Suffolk)._Saturday,_April_23rd,_1910_-_Geologists%27_Association_excursion&oldid=50428)'

Category:

- [Geologists' Association excursions](#)

## Navigation menu

### Personal tools

- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

### Namespaces

- [Page](#)
- [Discussion](#)

### Variants

### Views

- [Read](#)
- [Edit](#)
- [View history](#)
- [PDF Export](#)

### More

### Search

## Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

## Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Cite this page](#)
- [Browse properties](#)

• This page was last modified on 26 September 2020, at 08:53.

- [Privacy policy](#)
- [About Earthwise](#)
- [Disclaimers](#)

