

# T W Reader geological photographs 1907, 1908 and 1909 - index, GA 'Carreck Archive'

From Earthwise

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

□

## Contents

- [1 T W Reader geological photographs 1907, 1908 and 1909 - index, GA 'Carreck Archive'](#)
- [2 Geologists' Association 1907](#)
  - [2.1 Excursion to Hastings, June 22nd, 23rd, 24th 1907](#)
  - [2.2 Excursion to Rochester, July 9th 1907](#)
  - [2.3 Excursion to Laindon Hills, July 13th 1907](#)
  - [2.4 Excursion to Reading, September 28th 1907](#)
- [3 Geologists' Association 1908](#)
  - [3.1 Excursion to Dartford and Stone, February 29th 1908](#)
  - [3.2 Excursion to Potters Bar, April 11th 1908](#)
  - [3.3 Excursion to Leighton Buzzard, April 4th 1908](#)
  - [3.4 Excursion to Swanscombe and Galley Hill, May 23rd 1908](#)
  - [3.5 Excursion to Penshurst and the Medway Valley, May 30th 1908](#)
  - [3.6 Excursion to Avebury and Winterbourne Bassett, July 4th 1908](#)
  - [3.7 Excursion to Belvoir, September 17th 1908](#)
- [4 Geologists' Association 1909](#)
  - [4.1 Excursion to Hertingfordbury and Hertford, March 20th 1909](#)
  - [4.2 Excursion to Ponders End, April 3rd 1909](#)
  - [4.3 Excursion to Fooks Cray and Orpington, April 24th 1909](#)
  - [4.4 Excursion to Maidenhead, May 1st 1909](#)
  - [4.5 Excursion to Brighton, May 8th 1909](#)
  - [4.6 Excursion to Eridge, May 22nd 1909](#)
  - [4.7 Excursion to Orford and the Darent Valley, July 3rd 1909](#)
  - [4.8 Excursion to Northwood and Croxley Green, July 24th 1909](#)

## T W Reader geological photographs 1907, 1908 and 1909 - index, GA 'Carreck Archive'

[Link to full album](#)

### Geologists' Association 1907

#### Excursion to Hastings, June 22nd, 23rd, 24th 1907

[Page 5](#) [P805225](#) Illustration: Fig.2: Cliff Section from St. Leonard's to Cliff End. Excursion to Hastings, June 22nd 1907.

[Page 5](#) [P805226](#) Illustration: Beachy Head to Folkestone Hill; Road from London to Hastings. Excursion to Hastings, June 22nd 1907.

- [Page 5](#) [P805227](#) The Strade. A modern pebble beach showing the ridge formed by high tides. Excursion to Hastings, June 22nd 1907.
- [Page 5](#) [P805228](#) The Dripping Well, Fairlight Glen. Excursion to Hastings, June 22nd 1907.
- [Page 7](#) [P805229](#) Excursion to Hastings, June 22nd 1907.
- [Page 7](#) [P805230](#) Excursion to Hastings, June 22nd 1907.
- [Page 7](#) [P805231](#) The cliff at East Groyne. Excursion to Hastings, June 22nd 1907. Illustration: The cliff at East Groyne.
- [Page 7](#) [P805232](#) The cliff at East Groyne. Excursion to Hastings, June 22nd 1907. Added note: Fairlight Clay; Ashdown Sands; Wadhurst Clay. [Bottom to top].  
As the sea carries away the clays and soft beds, the blocks of hard limestone and
- [Page 9](#) [P805233](#) Ashdown Sands are left until broken up by winter storms. Excursion to Hastings, June 22nd, 23rd, 24th 1907.  
As the sea carries away the clays and soft beds, the blocks of hard limestone and
- [Page 9](#) [P805234](#) Ashdown Sands are left until broken up by winter storms. Excursion to Hastings, June 22nd, 23rd, 24th 1907.  
These blocks are in turn protected by a luxuriant growth of marine algae and
- [Page 9](#) [P805235](#) immense colonies of *Mytilus edulis*. Excursion to Hastings, June 22nd, 23rd, 24th 1907.  
These blocks are in turn protected by a luxuriant growth of marine algae and
- [Page 9](#) [P805236](#) immense colonies of *Mytilus edulis*. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 11](#) [P805237](#) This bed of pure white sand is in the base of the Ashdown Sands and is quarried for glass making. (Fairlight Church sand pit.). Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 11](#) [P805238](#) This bed of pure white sand is in the base of the Ashdown Sands and is quarried for glass making. (Fairlight Church sand pit.). Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 11](#) [P805239](#) Bucks Hole, junction of Ashdown Sand and Wadhurst Clay. Excursion to Hastings, June 22nd, 23rd, 24th 1907. Added note: Ashdown Sands; Wadhurst Clay. [Bottom to top].
- [Page 11](#) [P805240](#) Specimen from the Wadhurst Clay at Bucks Hole (see previous view). Excursion to Hastings, June 22nd, 23rd, 24th 1907. Specimen label: Scales of *Lepidotus mantelli* (Agassiz). Hastings Sands, Wealden, Hastings.
- [Page 13](#) [P805241](#) Ecclesbourne. Ecclesbourne Glen. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 13](#) [P805242](#) Ecclesbourne. Ashdown Sands overlying Fairlight Clay and capped by Wadhurst Clay. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 13](#) [P805243](#) Ecclesbourne. The sandrock bed at the head of the glen down which the water flows which in course of time cut out the glen. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 13](#) [P805244](#) Ecclesbourne. The sandrock bed at the head of the glen down which the water flows which in course of time cut out the glen. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 15](#) [P805245](#) In Ecclesbourne Glen. Owing to the protection from severe winds due to the excavation of the beds, trees are able to flourish which cannot exist on the Downs. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 15](#) [P805246](#) Seeds etc. and leaf buds deposited in quiet conditions in the Wealden Lake at Hastings. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 15](#) [P805247](#) *Equisetites lyellii*, Hastings. Excursion to Hastings, June 22nd, 23rd, 24th 1907.

- [Page 15 P805248](#) Frond of *Williamsonia*, Hastings. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 17 P805249](#) Ashdown Sandrock. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 17 P805250](#) Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 17 P805251](#) Lovers Seat, Ashdown Sands. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 17 P805252](#) Lovers Seat, Ashdown Sands. Excursion to Hastings, June 22nd, 23rd, 24th 1907. Fairlight. Excursion to Hastings, June 22nd, 23rd, 24th 1907. In these cliffs we see at sea level the Fairlight Clay which is constantly being eaten away by the action of the waves and causing the cliff to founder, thus bringing the Ashdown Sands and the capping of Wadhurst Clay within reach of the sea.
- [Page 19 P805253](#) Fairlight. Excursion to Hastings, June 22nd, 23rd, 24th 1907. In these cliffs we see at sea level the Fairlight Clay which is constantly being eaten away by the action of the waves and causing the cliff to founder, thus bringing the Ashdown Sands and the capping of Wadhurst Clay within reach of the sea.
- [Page 19 P805254](#) Fairlight. Excursion to Hastings, June 22nd, 23rd, 24th 1907. In these cliffs we see at sea level the Fairlight Clay which is constantly being eaten away by the action of the waves and causing the cliff to founder, thus bringing the Ashdown Sands and the capping of Wadhurst Clay within reach of the sea.
- [Page 19 P805255](#) Fairlight. Excursion to Hastings, June 22nd, 23rd, 24th 1907. In these cliffs we see at sea level the Fairlight Clay which is constantly being eaten away by the action of the waves and causing the cliff to founder, thus bringing the Ashdown Sands and the capping of Wadhurst Clay within reach of the sea.
- [Page 19 P805256](#) Fairlight. Excursion to Hastings, June 22nd, 23rd, 24th 1907. In these cliffs we see at sea level the Fairlight Clay which is constantly being eaten away by the action of the waves and causing the cliff to founder, thus bringing the Ashdown Sands and the capping of Wadhurst Clay within reach of the sea.
- [Page 21 P805257](#) *Cypridea valdensis* in Cypris shale. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 21 P805258](#) *Cypridea valdensis* in Cypris shale. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 21 P805259](#) Specimen label: Vertebra of Iguanodon, Wealden. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 21 P805260](#) *Endogenites erosa*. This is most likely the stem of a tree fern. Blocks of this were used in building the walls of Hastings Castle mixed with other stones. Excursion to Hastings, June 22nd, 23rd, 24th 1907. Specimen label: Wood of *Endogenites erosa*. Hastings Sands, Wealden. Rock-a-Nore, Hastings.
- [Page 23 P805261](#) Fairlight Cliff. Wadhurst Clay at top, Ashdown Sands in centre, with Fairlight Clay at base. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 23 P805262](#) Fairlight Cliff. Wadhurst Clay at top, Ashdown Sands in centre, with Fairlight Clay at base. Excursion to Hastings, June 22nd, 23rd, 24th 1907.
- [Page 23 P805263](#) Cyrena shale. Excursion to Hastings, June 22nd, 23rd, 24th 1907. Specimen label: *Cyrena media* (Sowerby). Hastings Sands, Wealden. Hastings. *Cyrena fluminalis* (Muller). Peshawar, India.
- [Page 23 P805264](#) Balls of loamy material washed from the Wealden cliffs and known locally as cats' brains. Excursion to Hastings, June 22nd, 23rd, 24th 1907. Specimen label: Cats' brains, Ecclesbourne.
- [Page 25 P805265](#) During the Pleistocene period the glacial conditions of frost and ice ploughed up and altered the physical features of the country and a large river ran down this valley. Excursion to Hastings, June 22nd, 23rd, 24th 1907. During the Pleistocene period the glacial conditions of frost and ice ploughed up and altered the physical features of the country and a large river ran down this valley, cutting through the present ridge at Ore. Part of this valley has now been made into a public park.

[Page 25 P805266](#) [Glacial features]. Excursion to Hastings, June 22nd, 23rd, 24th 1907. During the Pleistocene period the glacial conditions of frost and ice ploughed up and altered the physical features of the country and a large river ran down this valley, cutting through the present ridge at Ore. Part of this valley has now been made into a public park.

[Page 25 P805267](#) Dewponds formed at the tops of hills near Hastings. Excursion to Hastings, June 22nd, 23rd, 24th 1907.

[Page 25 P805268](#) Dewponds formed at the tops of hills near Hastings. Excursion to Hastings, June 22nd, 23rd, 24th 1907.

### **Excursion to Rochester, July 9th 1907**

[Page 27 P805269](#) Borstal Manor pit. Zones of *Micraster cor-testudinarium* and *Holaster planus*. Excursion to Rochester, July 9th 1907.

[Page 27 P805270](#) Messrs. Peters pit, Wouldham. Upper part zone of *Holaster sub-globosus* and *Actin. Plenus*. Lower part, Lower Chalk. Excursion to Rochester, July 9th 1907.

[Page 27 P805271](#) Messrs. Tingey's Pit, Wouldham. Zones of *Terebratulina* and *Rhynchonella curreri*. Excursion to Rochester, July 9th 1907.

[Page 27 P805272](#) Kit's Coty. Excursion to Rochester, July 9th 1907.

### **Excursion to Laindon Hills, July 13th 1907**

[Page 29 P805273](#) Pit on road to Dry Street and Vange in Bagshot Sands. Excursion to Laindon Hills, July 13th 1907.

[Page 29 P805274](#) One-tree Hill pit in Bagshot Sands. Prehistoric burial found at right hand side. Excursion to Laindon Hills, July 13th 1907.

### **Excursion to Reading, September 28th 1907**

[Page 31 P805275](#) Chalk pit by St. Peter's Church, Caversham. Upper part of zone of *Micraster cor-anguinum*. Excursion to Reading, September 28th 1907.

[Page 31 P805276](#) Chalk pit by St. Peter's Church, Caversham. Upper part of zone of *Micraster cor-anguinum*. Excursion to Reading, September 28th 1907.

[Page 31 P805277](#) Colliers (Waterloo) clay pit, Reading. Reading Beds and Basement Bed of London Clay. Excursion to Reading, September 28th 1907.

[Page 31 P805278](#) Colliers (Waterloo) clay pit, Reading. Reading Beds and Basement Bed of London Clay. Excursion to Reading, September 28th 1907.

[Page 33 P805279](#) Gravel Hill Cottages Gravel Pit, containing large quantities of pebbles of variously coloured quartzites. Excursion to Reading, September 28th 1907.

[Page 33 P805280](#) Gravel Hill Cottages Gravel Pit, containing large quantities of pebbles of variously coloured quartzites. Excursion to Reading, September 28th 1907.

[Page 33 P805281](#) Kidmore Road Gravel Pit showing signs of the uneven chalk floor. Excursion to Reading, September 28th 1907.

[Page 33 P805282](#) Kidmore Road Gravel Pit showing signs of the uneven chalk floor. Excursion to Reading, September 28th 1907.

## **Geologists' Association 1908**

## **Excursion to Dartford and Stone, February 29th 1908**

- [Page 37 P805283](#) Views of Stone Court Chalk Pit from the denehole. Excursion to Dartford and Stone, February 29th 1908.
- [Page 37 P805284](#) Views of Stone Court Chalk Pit from the denehole. Excursion to Dartford and Stone, February 29th 1908.
- [Page 37 P805285](#) Denehole discovered in excavating the Chalk. Excursion to Dartford and Stone, February 29th 1908.
- [Page 37 P805286](#) Denehole discovered in excavating the Chalk. Excursion to Dartford and Stone, February 29th 1908.
- [Page 39 P805287](#) View of pit from interior of denehole. Excursion to Dartford and Stone, February 29th 1908.
- [Page 39 P805288](#) A lateral chamber. Excursion to Dartford and Stone, February 29th 1908.
- [Page 39 P805289](#) The end chamber. Excursion to Dartford and Stone, February 29th 1908.
- [Page 41 P805290](#) The entrance to a denehole at West Thurrock. In the course of ploughing this field the horse's feet broke through the surface. Descending a Denehole at Hangman's Wood. We procured a rope and the pole of a waggon and investigated the interior. The shaft descended through about 12 feet of Thanet Sand and entered into a beehive-shaped chamber about 20 ft. high. These deneholes were formed in getting the chalk in past ages for marling the land.
- [Page 41 P805291](#) The entrance to a denehole at West Thurrock. The clergy helping a sinner in the pit. Descending a Denehole at Hangman's Wood.
- [Page 41 P805292](#) Descending a denehole at Hangman's Wood. Descending a Denehole at Hangman's Wood. So-called archaeologists have made many wild statements about these deneholes in Essex, this series being known locally as 'King Cunobeline's Gold Mines'. They are simply old workings for obtaining chalk.

## **Excursion to Potters Bar, April 11th 1908**

- [Page 43 P805293](#) Mimms Hall Brook. Sections of peaty and clayey earth in the gravel on the western bank of the stream at Warren Gate. Excursion to Potters Bar, April 11th 1908.
- [Page 43 P805294](#) Mimms Hall Brook. Sections of peaty and clayey earth in the gravel on the western bank of the stream at Warren Gate. Excursion to Potters Bar, April 11th 1908.

## **Excursion to Leighton Buzzard, April 4th 1908**

- [Page 45 P805295](#) Lower Greensand capped by Gault and Boulder Clay at Shenley Hill. Excursion to Leighton Buzzard, April 4th 1908.
- [Page 45 P805296](#) Lower Greensand capped by Gault and Boulder Clay at Shenley Hill. Excursion to Leighton Buzzard, April 4th 1908. Added note: Silver Sands; Greensand; Irregular band of iron grit; Gault; Bluish-grey Boulder Clay. [Bottom to top].
- [Page 45 P805297](#) Lower Greensand capped by Gault and Boulder Clay at Shenley Hill. Excursion to Leighton Buzzard, April 4th 1908.

## **Excursion to Swanscombe and Galley Hill, May 23rd 1908**

- [Page 47 P805298](#) Irregular surface of Chalk. Swanscombe. Excursion to Swanscombe and Galley Hill, May 23rd 1908.

- [Page 47 P805299](#) Irregular surface of Chalk. Swanscombe. Excursion to Swanscombe and Galley Hill, May 23rd 1908.
- [Page 47 P805300](#) Milton Street Gravel pits. Workmen with rods for searching for Palaeolithic implements. Excursion to Swanscombe and Galley Hill, May 23rd 1908.
- [Page 47 P805301](#) Hill creep in Thanet Beds. Excursion to Swanscombe and Galley Hill, May 23rd 1908.

### **Excursion to Penshurst and the Medway Valley, May 30th 1908**

- [Page 49 P805302](#) Upper Tunbridge Wells Sands in the private grounds of Redleaf. Honeycomb weathering and peculiarly well developed jointing in the hard rocky upper beds. Excursion to Penshurst and the Medway Valley, May 30th 1908.
- [Page 49 P805303](#) Upper Tunbridge Wells Sands in the private grounds of Redleaf. Honeycomb weathering and peculiarly well developed jointing in the hard rocky upper beds. Excursion to Penshurst and the Medway Valley, May 30th 1908.
- [Page 49 P805304](#) Site of the Penshurst coal boring at Ensfield Bridge. Kim[m]eridge Clay reached at 1500 ft and abandoned after passing through 350 ft of that formation. Excursion to Penshurst and the Medway Valley, May 30th 1908.
- [Page 49 P805305](#) Medway Gravel resting on Wadhurst Clay. Ensfield Bridge, nr. Penshurst. Excursion to Penshurst and the Medway Valley, May 30th 1908.

### **Excursion to Avebury and Winterbourne Bassett, July 4th 1908**

- [Page 51 P805306](#) Section showing the original construction and depth of trench. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.
- [Page 51 P805307](#) A group of megaliths. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.
- [Page 51 P805308](#) Stones forming part of the great circle. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.
- [Page 53 P805309](#) Excavation in trench at Avebury. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.
- [Page 53 P805310](#) Some of the remaining stones of the great circle. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.
- [Page 53 P805311](#) Trench and ramp at Avebury. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.
- [Page 53 P805312](#) Farmhouse built on site of circle with large sarsen still standing. Excursion to Avebury and Winterbourne Bassett, July 4th 1908.

### **Excursion to Belvoir, September 17th 1908**

- [Page 55 P805313](#) Step faults in Middle Lias Limestone at Harby. Excursion to Belvoir, September 17th 1908. In a distance of about 60 yards some 12 or more faults are seen, all hading towards the east and varying in throw from a few inches up to 2 ft 9 in, the total sum of the faults dropping the beds about 14 ft. These step faults being the forerunners of a large fault which brings the top beds of the Upper Lias in juxtaposition with the marlstone.
- [Page 55 P805314](#) Step faults in Middle Lias Limestone at Harby. Excursion to Belvoir, September 17th 1908. In a distance of about 60 yards some 12 or more faults are seen, all hading towards the east and varying in throw from a few inches up to 2 ft 9 in, the total sum of the faults dropping the beds about 14 ft. These step faults being the forerunners of a large fault which brings the top beds of the Upper Lias in juxtaposition with the marlstone.

# Geologists' Association 1909

## Excursion to Hertingfordbury and Hertford, March 20th 1909

[Page 59 P805315](#) Chadwell Spring, the original source of the New River. Excursion to Hertingfordbury and Hertford, March 20th 1909.

[Page 59 P805316](#) Chadwell Spring, the original source of the New River. Excursion to Hertingfordbury and Hertford, March 20th 1909.

## Excursion to Ponders End, April 3rd 1909

[Page 61 P805317](#) Sections in low level gravels near Ponders End Station. Excursion to Ponders End, April 3rd 1909.

[Page 61 P805318](#) Sections in low level gravels near Ponders End Station. Excursion to Ponders End, April 3rd 1909.

[Page 61 P805319](#) Cervical vertebra of *Bos primigenius*. Excursion to Ponders End, April 3rd 1909.

[Page 63 P805320](#) Low level gravels near Ponders End Station. Deposited under Arctic conditions as shown from the seeds of Arctic plants found. Excursion to Ponders End, April 3rd 1909.

[Page 63 P805321](#) Low level gravels near Ponders End Station. Deposited under Arctic conditions as shown from the seeds of Arctic plants found. Excursion to Ponders End, April 3rd 1909.

[Page 63 P805322](#) Low level gravels near Ponders End Station. Deposited under Arctic conditions as shown from the seeds of Arctic plants found. Excursion to Ponders End, April 3rd 1909.

## Excursion to Foots Cray and Orpington, April 24th 1909

[Page 65 P805323](#) Green Street Green gravel pits. These gravels are 30 feet thick resting upon Chalk and consist of sub-angular flints and Oldhaven pebbles. Excursion to Foots Cray and Orpington, April 24th 1909.

[Page 65 P805324](#) Green Street Green gravel pits. These gravels are 30 feet thick resting upon Chalk and consist of sub-angular flints and Oldhaven pebbles. Excursion to Foots Cray and Orpington, April 24th 1909.

## Excursion to Maidenhead, May 1st 1909

[Page 67 P805325](#) Terrace gravel at Furze Platt showing 10 ft of well-stratified gravel belonging to the highest or Boyn Hill Terrace. Excursion to Maidenhead, May 1st 1909.

[Page 67 P805326](#) Terrace gravel at Furze Platt showing 10 ft of well-stratified gravel belonging to the highest or Boyn Hill Terrace. Excursion to Maidenhead, May 1st 1909.

[Page 67 P805327](#) Chalk quarry at Hindhays Farm with flints in regular layers. Zone of *Micraster cor-anguinum*. Excursion to Maidenhead, May 1st 1909.

[Page 67 P805328](#) Chalk quarry at Hindhays Farm with flints in regular layers. Zone of *Micraster cor-anguinum*. Excursion to Maidenhead, May 1st 1909.

## Excursion to Brighton, May 8th 1909

[Page 69 P805329](#) Cliff sections at Rottingdean. Zone of *Actinocamax quadratus*. Excursion to Brighton, May 8th 1909.

- [Page 69 P805330](#) Cliff sections at Rottingdean. Zone of *Actinocamax quadratus*. Excursion to Brighton, May 8th 1909.
- [Page 69 P805331](#) Cliff sections at Rottingdean. Zone of *Actinocamax quadratus*. Excursion to Brighton, May 8th 1909.
- [Page 69 P805332](#) Cliff sections at Rottingdean. Zone of *Actinocamax quadratus*. Excursion to Brighton, May 8th 1909.

## **Excursion to Eridge, May 22nd 1909**

- [Page 71 P805333](#) The Tunbridge Wells Sands of the Upper Division of the Hastings Sand forms a plateau from 4 to 500 ft above sea level. Excursion to Eridge, May 22nd 1909. The uppermost 30 ft being consolidated into a massive sand rock which stands out as 'cliffs' and isolated stacks. This thick bedded sandstone forms at Eridge a long section with a vertical face and many straight cut master joints.
- [Page 71 P805334](#) The Tunbridge Wells Sands of the Upper Division of the Hastings Sand forms a plateau from 4 to 500 ft above sea level. Excursion to Eridge, May 22nd 1909. The uppermost 30 ft being consolidated into a massive sand rock which stands out as 'cliffs' and isolated stacks. This thick bedded sandstone forms at Eridge a long section with a vertical face and many straight cut master joints.
- [Page 71 P805335](#) The Tunbridge Wells Sands of the Upper Division of the Hastings Sand forms a plateau from 4 to 500 ft above sea level. Excursion to Eridge, May 22nd 1909. The uppermost 30 ft being consolidated into a massive sand rock which stands out as 'cliffs' and isolated stacks. This thick bedded sandstone forms at Eridge a long section with a vertical face and many straight cut master joints.
- [Page 71 P805336](#) The Tunbridge Wells Sands of the Upper Division of the Hastings Sand forms a plateau from 4 to 500 ft above sea level. Excursion to Eridge, May 22nd 1909. The uppermost 30 ft being consolidated into a massive sand rock which stands out as 'cliffs' and isolated stacks. This thick bedded sandstone forms at Eridge a long section with a vertical face and many straight cut master joints.
- [Page 73 P805337](#) Joint face. These joints or vertical fissures were produced originally by shrinkage which have become enlarged by the action of wind and rain. Excursion to Eridge, May 22nd 1909.
- [Page 73 P805338](#) The undercutting of many of the rocks is due to the softer nature of some layers which are more easily worn away. Excursion to Eridge, May 22nd 1909.
- [Page 73 P805339](#) Harrison's Rocks. Excursion to Eridge, May 22nd 1909.
- [Page 73 P805340](#) Excursion to Eridge, May 22nd 1909.

## **Excursion to Orford and the Darent Valley, July 3rd 1909**

- [Page 75 P805341](#) Spring thrown out by the Chalk Marl or Upper Greensand, rises from foot of a [natural?] bank 8 ft high. Excursion to Orford and the Darent Valley, July 3rd 1909.
- [Page 75 P805342](#) Showing edge of escarpment at Shore Hill. Excursion to Orford and the Darent Valley, July 3rd 1909.
- [Page 75 P805343](#) Milestone at junction of Pilgrim's Way directing to Malling, Bromley, Sevenoaks and Dartford. Excursion to Orford and the Darent Valley, July 3rd 1909.
- [Page 75 P805344](#) Chalk pit north of Otford Railway Station showing deposit of chalky drift. Excursion to Orford and the Darent Valley, July 3rd 1909.
- [Page 75 P805345](#) Chalk pit north of Otford Railway Station showing deposit of chalky drift. Excursion to Orford and the Darent Valley, July 3rd 1909.



## Excursion to Northwood and Croxley Green, July 24th 1909

[Page 77 P805346](#) Northwood Company's Buck pit. Section in lower part of London Clay. Excursion to Northwood and Croxley Green, July 24th 1909. Added note: Floor of pit, tenacious marly clay 2 ft thick forming the top of the Reading Beds and passing into mottled clay below; Sandy clay Basement bed, calcareous with many fossiliferous nodules, 5ft 6 inches thick; Pebble Bed; London Clay 3 ft. [Bottom to top.].

[Page 77 P805347](#) Gravel pits, Long Valley Wood, Rickmansworth. 200 ft OD. Excursion to Northwood and Croxley Green, July 24th 1909.

[Page 77 P805348](#) Outlier of Reading Beds uncovered in digging away the gravel extending horizontally for upwards of 100 ft. Excursion to Northwood and Croxley Green, July 24th 1909. Added note: Clay and pebbles proved below from 2 to 3 ft resting on Chalk; Bedded black and grey pebbles 6 ft; Greenish sandy clay 1 ft. 6 inches [Bottom to top.].

Retrieved from

['http://earthwise.bgs.ac.uk/index.php?title=T\\_W\\_Reader\\_geological\\_photographs\\_1907,\\_1908\\_and\\_1909\\_-\\_index,\\_GA\\_%27Carreck\\_Archive%27&oldid=46776'](http://earthwise.bgs.ac.uk/index.php?title=T_W_Reader_geological_photographs_1907,_1908_and_1909_-_index,_GA_%27Carreck_Archive%27&oldid=46776)

Category:

- [Geologists' Association Carreck Archive, indexes](#)

## 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 18 July 2020, at 18:27.

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

