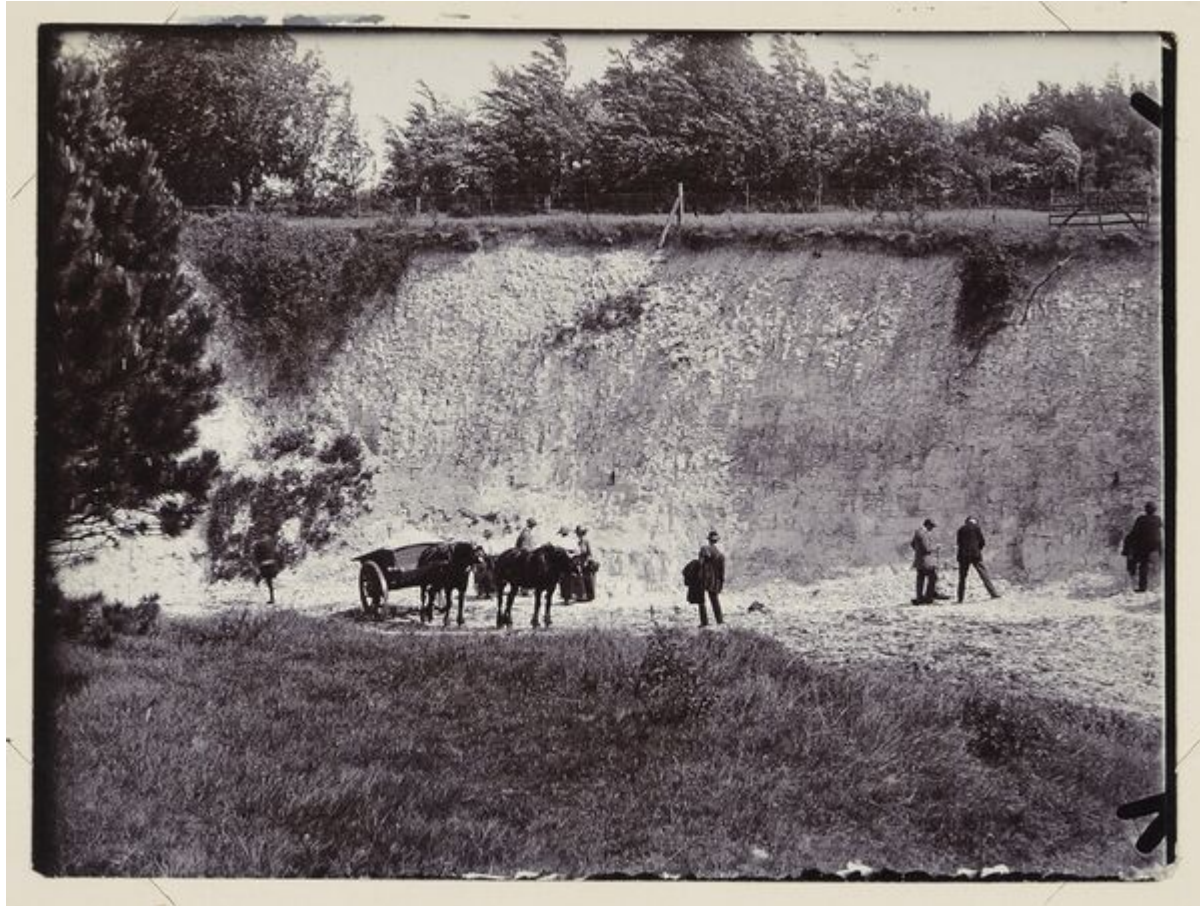


Excursion to Clandon, Newland's Corner, and Silent Pool. Saturday, May 11th, 1912 - Geologists' Association excursion

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Excursion to Clandon, Newland's Corner, and Silent Pool. Saturday, May 11th, 1912. (Transcription from GA Circular No. 144. Session 1911-1912. p.2-3)

DIRECTOR: GEORGE W. YOUNG, F.G.S.

EXCURSION SECRETARY: MISS E. PEARSE, 3, Bessborough Mansions, Westminster, S.W.

Train leaves Waterloo at 11 a.m., due Clandon 12.16. Meet Miss Pearce in booking office (South Station) not later than 1.45 a.m. Cheap return fare, 2s. 3d.

Walk southward over Tertiary beds through West Clandon village to chalk pit in Guildford Road (No. 281) cut in zone of *Marsupites*, at junction of *Unitacrinus* and *Marsupites* bands; soft white chalk with scattered ITints. Thence to Dean Bottom pit:(No. 282), zone of *Micraster cor-anguinum*, chalk rather harder with nodular flints in well-marked bands. Ascend the hill. Upper part is covered with thick bed of gravel of doubtful age. The stones are mostly subangular flints embedded in:red and mottled clay, which also contains Lower Greenland chert and some well-rounded Eocene pebbles. Flint pseudomorphs of fossils are abundant. At Newland's Corner, which is at the crest of the escarpment, 562 ft. O.D., there is a splendid view over the Lower Greensand country to the south.

Descend the escarpment to Albury Downs pit (No. 286) at junction of Middle and Lower Chalk; zones exposed are *Rhynchonella cavieri* and *Holaster subglobasus* with well-marked band of *Actinoclimax planus* marl between. Note the high dip of the beds, which contrasts strongly with the gentle dip seen in the previous pits. Cross the very narrow out-crop of Selbornian (Upper Greenland and Gault) and proceed to pit in Folkestone Sands (Lower Greensand). The sand is strongly false-bedded, richly iron stained, and traversed with veins of iron.

Proceed eastward along Pilgrims' Way to brickyard in Gault. Thence to Silent Pool at foot of Chalk escarpment.

Tea will be taken at the caretaker's cottage, 9d. each, with eggs 1s.

After tea ascend the escarpment to Sherborne pit (No. 277), cut in top of zone of *Holaster planus*. Fossils abundant and easily extracted. Proceed northward, past Scotland Farm, to East Clandon and thence to Clandon Station.

Return train, Clandon, 8.33 p.m., due Waterloo 9.49 p.m.

Walking distance about 7 miles.

REFERENCES.

Geological Survey Map, 1 in. (Old Series), Sheet 8.

1907. YOUNG, G. W.—" The Chalk Area of Western Surrey." *Proc. Geol. Assoc*, vol. xx, p. 422.

Images



Chalk pit in
Guildford Road,
West Clandon
Village.
Marsupites
zone. (Pit no.
281.).



Chalk pit in
Guildford Road,
West Clandon
Village.
Marsupites
zone. (Pit no.
281.).



Soft white Chalk
with scattered
flints, junction of
Uintacrinus and
Marsupites
bands is about
half-way up. (Pit
no. 281.).



Newlands
Corner. Looking
south over
Lower
Greensand from
the crest of the
escarpment, 562
ft OD.



Newlands
Corner. Looking
south over
Lower
Greensand from
the crest of the
escarpment, 562
ft OD.



Albury Downs
pit, junction of
Middle and
Lower Chalk.
(No. 286.) Zones
exposed;
Rhynchonella
cuvieri and
Holaster
subglobosus
with well
marked band of
Actinocamax
planus marl
between.



Albury Downs
pit, junction of
Middle and
Lower Chalk.
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exposed;
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planus marl
between.



Pit above
Clandon on

Merrow Down
and overlooking
Dean Bottom.
Zone of
Micraster cor
anguinum. (Pit
no. 282.).



Pit above
Clandon on
Merrow Down
and overlooking
Dean Bottom.
Zone of
Micraster cor
anguinum. (Pit
no. 282.).



Merrow Downs.
Gravel
consisting
mostly of
subangular flints
embedded in red
and mottled clay
with Lower
Greensand chert
and well
rounded Eocene
pebbles.



Merrow Downs.
Gravel
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- [Page 93 P805515](#) Albury Downs pit, junction of Middle and Lower Chalk. (No. 286.) Zones exposed; Rhynchonella cuvieri and Holaster subglobosus with well marked band of Actinocamax planus marl between. Excursion to Clandon, May 11th 1912. Added note: Holaster subglobosus; Actinocamax planus marl; Rhynchonella cuvieri zone. [Bottom to top].
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- [Page 95 P805517](#) Pit above Clandon on Merrow Down and overlooking Dean Bottom. Zone of Micraster cor anguinum. (Pit no. 282.). Excursion to Clandon, May 11th 1912.
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