which he regarded as of fluviatile origin. The time allowed did not permit of a thorough examination of all the interesting points connected with this important deposit, and it is to be hoped that in the near future another opportunity for doing so will arise.

From Danbury the party walked across Lingfield Common to Little Baddow, and visited the church and the old Independent chapel there. In the latter John Eliot, the "Apostle to the Indians," preached before embarking on the *Lyon* for Boston.

The party were then hospitably entertained by Mr. and Mrs. Briscoe at the Hoppet, and, after tendering their thanks to them and the Directors, resumed the conveyances for Chelmsford and returned to London.

REFERENCES.

Geological Survey Map, No. 1, N.E.

Ordnance Survey Map, No. 241.

1889. WHITAKER, W. "Geology of London," vol. i.

1904. SALTER, A. E. "On the Superficial Deposits of Central and Parts of Southern England," *Proc. Geol. Assoc.*, vol. xix, pp. 30, 31, where other references are given.

EXCURSION TO BENTLEY, SUFFOLK (CRAG).

SATURDAY, JULY 14TH, 1906.

Director : E. P. RIDLEY, F.G.S.

Excursion Secretary : A. C. YOUNG.

(*Report by* THE DIRECTOR *and* MR. BOSWELL.)

A PARTY of fifteen left Liverpool Street Station at 11.45, and arrived at Bentley Station at 1.30, where they met an equal number of members of the Ipswich Scientific Society.

The first visit was to a new pit which was opened in the Red Crag close to Bentley Station in the winter of 1905. It lies about 300 yards east of the station. Mr. Boswell had been at work here all the winter, and by the kind permission of the owner, the Hon. Stanhope Tollemache, and the occupier, Mr. Southgate, has been able, with the help of a labourer, to sift the crag according to Mr. F. W. Harmer's method (*Quart. Journ. Geol. Soc.*, vol. lvi, 1900, p. 717).

The fauna of the crag deposits between the Rivers Orwell and Stour had not been properly worked out, and there was some doubt as to whether these deposits should be referred to the Newbournian Zone, or the Waltonian, of Mr. Harmer's classification.

At present the work is proceeding, and is thus incomplete, but he had succeeded in sifting about 5 tons or more of Crag, obtaining rather over 100 different species of mollusca, polyzoa, etc. These serve to show that in this particular section the fauna is decidedly more Waltonian than Newbournian in its affinities. Mr. Harmer informed him that S. V. Wood always held that opinion.

For this visit he had been working overnight and since six o'clock in the morning sifting for fossils, so that all the members were able to get a large number of very good specimens. His friend, Mr. S. J. Batchelder, had kindly taken a large number of photographs of the actual working, and of the crag sections, illustrating decalcification, induration, and current-bedding, prints of which he distributed among the members of the Association.

The party then proceeded to the Park Farm, Tattingstone, to examine the section figured and described by Sir Joseph Prestwich, but the coralline crag has now entirely disappeared, and no traces of it could be found. After visiting another red crag pit nearer Tattingstone White Horse, the party were very hospitably entertained to tea by Mr. and Mrs. Booth at Bentley Lodge, and the members returned to London from Bentley at 8.5 by a train, specially stopped for the party, having had a very pleasant day's excursion and a very good opportunity of collecting in the Red Crag.

REFERENCES.

- Geological Survey Map, Sheets 48, N.W. and N.E.
 Geological Survey Index Map, Sheet 12. Price 2s. 6d.
 1885. PRESTWICH, SIR JOSEPH—"Crag Beds of Suffolk and Norfolk,"
 Part II, *Quart. Journ. Geol. Soc.*, vol. xxvii, p. 325.

EXCURSION TO BOROUGH GREEN, ETC., AND IGHTHAM.

SATURDAY, JULY 21ST, 1906.

Directors : F. J. BENNETT, F.G.S., AND B. HARRISON.

Excursion Secretary : G. E. DIBLEY.

(*Report by THE DIRECTORS.*)

ARRIVING at Wrotham Station at 2.40, a party of twenty-two, Mr. F. J. Bennett took the first and Mr. B. Harrison the latter part of the direction. The first section seen was that in the sand pit just north of Borough Green Station, and consisted of a Drift deposit of Loam and Gravel, resting on the north flank of a slope of