

Maidstone Museum

Benjamin Harrison Archive

Volume 27

[This volume covers the time between July and December 1909. There is a strong emphasis on eoliths, of which there are many sketches and which BH defines most clearly. Interestingly, he acknowledges the existence of an 'Unclassed' or 'Miscellaneous' group of these stones. Besides the many sketches of eoliths, the volume is replete with drawings of other subjects, some of which show BH's well-developed artistic skills. In addition there are many more than usual pasted-in newspaper and journal articles. Page one is detached from the spine though otherwise this volume is in good condition.]

P.0. List of eolith types which appears to have been agreed by the Anthropological Institute 1892. These are illustrated over the following 12 pages. Their BH catalogue numbers are given. The types are:

- Crookpoint tool
- Combination tool
- Single curve scraper
- Double curve scraper
- Worked pebble group
- Semi-circular
- Drawshave or hollow scraper, Crescent (Prestwich)
- Choppers, of which there are many that BH has not sketched

P.1. The list from the previous page continues:

- Knocking stones
- Erratics "irregular" "abnormal"
- Unclassed "miscellaneous"
- All round scraper

In each of these BH has given his eolith catalogue numbers that fit into the groups. On this page are illustrated six eoliths of the Crook type. Below the tracing paper on which the eoliths have been drawn is an entry about military topography in which there are several definitions:

- Military survey
- Military sketch
- Meridien or Meridien line
- Magnetic meridien

P.2. There are nine sketches, all of which are Crook points. Several have the name, or initial, of the place from which they originated. The military definitions continue from the previous page:

- Bearing
- Ray
- Base or base line
- Intersection

P.3. Mores sketches of eoliths, this time of BH's combination tools, which have their number and sometimes the place from which they originated. Number 84 has figured in an anthropological paper. The definitions continue:

- Field book
- Traverse
- Offset

Un-numbered page. There are 6 sketches of eoliths, again, of combination tools. That on the top left of the page was featured by Sir Joseph Prestwich in [an anthropological paper – not specified] . All are numbered with their site of origin recorded.

P.4. 4 sketches of crook points with their number and site origin recorded. The definitions continue:

- Back angle
- Back angle traversing
- Closing working
- Resection

P.5. More sketches of eoliths on tracing paper, 3 of which are combination types and another that appears to be a drawshave or hollow scraper. Below the sketch of this eolith BH has written 'I should very much like to know what erratics you have and if any are figuring. Have you a hollow scraper ... as below. I have not got but have seen one. Have you hammers and awls? See cover of book 1. Eoliths catalogue'

The military definitions continue, on this page mostly obscured by the sketch of the hollow scraper pasted over them.

Un-numbered page. Six eoliths sketched, as previously, on tracing paper. Number 57 was used as an illustration by Sir Joseph Prestwich. They are all versions of hollow scrapers. Number 571a, from West Yoke, was presented to the British Museum in 1894.

The military definitions continue below the pasted-in sketches of eoliths, here about map scale.

P.6. Sketches of seven hollow scrapers, or drawshaves.

Definitions continue:

- Construction of scales

P.7. More sketches of hollow scrapers or drawshaves and a continuation of the military definitions relating to scale construction and calculations.

P.8. Five sketches of drawshaves or hollow scrapers. Military definitions continued on the topic of scale.

P.9. Ten sketches of hollow scrapers or drawshaves. All have a number and find site.

Comparative time -scales continues from the previous page.

P.10. Six sketches of eoliths, all numbered and with their site inscribed. They are all hollow scrapers or drawshaves.

Military definitions continue, this time the rules for selecting a base.

P.11. Nine eoliths of mixed typology of which number 425 was used as an illustration in Sir Joseph Prestwich's paper, the exact paper is not specified.

The rules of intersection continues from the previous page.

P.12. Eight eoliths drawn and recorded as before, beneath which is recorded the rules for testing work on intersection. This group consists of hollow scrapers, or drawshaves and among them in number 464, an important eolith since BH considered it to be an irrefutable artefact.¹

P.13. Two eolith sketches, of which 494 is denoted as being among the 'unclassified' eolith types whilst 495 is a drawshave.

Newspaper clippings, pasted over a continuation of 'Military Rules' started on the first page.

The first clipping is a birthday celebration for Mr Robert Elliott of Camberwell, a Fellow of the Anthropological Institute whose career had been played out in Kent. The second clipping, which may be one of the 'Verax' columns, concerns Bee and Spider orchids.

P.14. A obituary from the (*Daily*) *Telegraph* following the death of Sir John Evans, with a photograph.

Seven eolith tracings pasted in over 'Map Readings. All the eoliths sketched on this page belong to the worked pebble category.

P.15. Twelve eolith sketches pasted in over 'making use of Plan on Ground' in the military rules entry. All the eoliths belong to the worked pebble category

¹ This eolith is not in the Maidstone Museum collection, though it must, at one time have been.

P.16. Nine eoliths, pasted in over 'Finding the Observers Place'. The eoliths belong to the double-curve type.

Unnumbered page with nine sketches of eolith pasted over 'Finding the observers place' in the continuing entry on military rules. The eoliths are all double-curve though 47 is not accounted for in the list on the first pages of this volume.

P.17. Five eoliths pasted in over 'Lecture Notes September 95'. All the eoliths sketched are double-curve scrapers.

P.18. Six eoliths pasted in over 'Sections'. Copy of a note from Worthington G Smith, dated 1885 'There is a Pale scraper of this sort, scraping edge on both sides. Have you met with it? BH's comment on this follows: 'I need scarcely say on finding the series shown on opposite page I was impressed, but though encouraging me to find, still he held his ?... as to the rude stones...' The eoliths sketched on this page belong to the double-curve type.

P.19. July 3rd 1909. BH writes: Continuation of notes on a Geologists Association excursion to Otford. 'We first examined the deep chalk again by stations. This was a better exposure than that I had previously examined by a roadside cutting. A deep cutting in the chalk pit had separated it from slope there'. Below this entry is a section sketch of a site near the Pilgrim's Way. BH continues. 'Mr Whitaker stepped forward and examined and brought back *Cycostema elegans*.² A move is made by the group to Kemsing chalk pit:

... whilst here I met Mr Hazzledine Warren and showed my finds of the pals and some eos from pit but at the latter he shook his head and paid but little attention to the pal. Kennard and his wife, the young Treacher, Cross and many others came forward to speak. At the chalk pit an address was given on the eastern ridge and then the party went forward to pipes. I, in the interim, sauntered about surveying the features of the extensive landscape and using my field glass on the Shode and Darent...

P.20. The entry from the previous page continues:

... and distant greensand escarpment – the atmosphere particularly clear. Examined ancient milestone by junction of roads to R... - Seal and Pilgrims Road.

BH has sketched the milestone noting that it also points the way to Dartford. 'Examined head of spring by footpath and noted its deep cut course. This however is difficult from its former run. It has been widened and bags made from growing watercress. Noted on way by path, a large block of stone given as sandstone ?...

² *Cyclostma elegans* or *Ponnatias elegans*, popularly known as the 'land winkle' is uncommon in Britain but is still to be found along the Pilgrim's Way (North Downs long distance trail, seen there by the transcriber) where its preferred habitat of loose, friable soil associated with calcium carbonate, is found in abundance.

angular and flat. I had supposed it is like the block found lying...’ This entry continues on the following page. Meanwhile, on this page the ‘Military Rules’ continue with ‘Calculations’

P.21. The account of the Geological Society outing continues from the previous page:

...near Warren House found on the exposed side on Exedown but Mr Chawler said this had a siliceous cement and ?... . . . to this and knocked some off each. To Burkits well and examined the field close by and found many pieces of Roman tile and Percy Martin said he had found a piece of insular tile in stream bar flowing from it. Had tea at Bull (Wilson and I). Long chat with Mr Cross on Baker’s Hole implement. He still asserting it came from Milton Street...? By train at 6.35, home at 7. A truly enjoyable day. Saw P Watts who kindly invited to ride in his motor to gault section, but I was about to go to tea and home. See sketch book for fireplace at “Ye Old Bull”.

In the margin BH notes that he did not see a single orchid in the chalk pit.

‘Military Rules’ continue on houses.

On Sunday 4th July it rained very heavily in the morning but this did not stop BH going to town to meet ?..., and from there on to Mr Collins where he saw some celts and flakes close to two springs on the hill slope. Home at one and took bones from fissure. ‘Rhino’.

P.22. Tuesday July 6th 1909. Another wet day that BH spent sketching hollow scrapers.

Wednesday 7th July 1909. BH worked on his autobiography – ‘dotting the I’s and crossing the T’s and adding from notebook’. There was a very notable thunderstorm to the south west. Cricket, Ightham v Basted Ightham 81 Basted 40. Heavy rain overnight.

Thursday 8th, 1909. A proof of address arrived which BH revised it and sent off at once. Gardened and put in the annuals, despite the presence of thunderstorms in the area. Took up some plants near to the end of the fence that he had planted in September.

Reprint of an article entitled ‘The Museum Antiquities Exhibition’, dated Saturday April 10th 1909. It was written by Lewis Abbott and of course he mentions himself, more than once. A newspaper clipping about a ‘cure’ for deafness!

P.23. The Oddfellows fete was held on Sunday 10th 1909 but was beset by Heavy thunderstorms in the afternoon. BH did not go to the fete.

On the 11th the barometer was rising again but despite this storms threatened all day. Monday 12th turned out to be a grey day but the barometer continued to rise. BH called on Dr Walker.

On Tuesday 13th July the storms continued though the weather was slightly better. BH was finishing his ovates (by which I am sure he means sketching them). Says he was feeling better so his visit to see Dr Walker was not social.

Wednesday was again a grey day. Newspaper announcement of the annual meeting of the Kent Archaeological Society. The Military Rules continue, though they are now in poetic form, not prose.

P.24. A clipping about the Museum Association's 20th conference held at Maidstone Museum. All the great and the good of the museum world were there. BH starts the next entry thus:

An interesting document. Miss Phillips of Wheatsheaf Mill, Malling called with a receipted bill to ask if it was written by one of my ancestors. I forgot to take a copy but from memory it was inscribed "Mr Phillips Ightham. So many yards of linen shirting – ca...? at £2.3.6d. Signed Thomas Harrison 1747. On comparing hand with the signature in Aesop's Fables we could plainly see it was by the same writer.

Clipping about the marriage of Edward Harrison to Miss Green [this is the same Miss Green who was a friend of Agnes, whom she brought home on a visit, as described in the previous volume]. Edward Married at the Wesleyan church in Arundel Street Portsmouth. Agnes was one of the two bridesmaids.

The Military Rules continue, with a discussion of the visibility of points.

P.25. Back to discussion of the document written by Thomas Harrison in 1747. Miss Phillips stayed for some time talking to BH and he found her a good listener. She delighted him by buying a 'set' [by which he means eoliths, though this almost certainly would have included what he referred to as 'transitionals' or 'evolutionaries' which were in fact palaeoliths]. Miss Phillips gave BH an open invitation to call on her. The day was sunny, in many respects.

On Thursday 15th July BH records the marriage of his beloved son Ted, to Miss Green. The bells were rung in the evening. He does not mention actually being at the wedding, nor does he give any of the detail that would suggest that he attended.

On Friday 16th July BH records going out into his garden to find the toads very active. Got on arranging his 'type sets in the village hall'. The rain poured down in a deluge almost all day. The party, for whom he had arranged his eoliths in the village hall, were late as a consequence of this downpour. The viewing was then a rushed affair with the leader not wanting to stop but BH insisting that he give his address in the hall. It was a rushed deliberation. Mr Balfour, the President, was not present, much to BH's chagrin. He suggested wiring the hotel, where Mr Balfour was staying to delay lunch, but the idea of further delaying the course of the day was not entertained. BH notes that he started only having to begin again when Mr Balfour eventually arrived which resulted in even more pressure on the available time and BH's planned visit to a particular spot was cancelled.

P.26. BH insisted that Balfour, who arrived but very late in the proceedings, should see the eoliths, with which, BH reports, he was impressed. BH was most encouraged at this. They started out, heading for the Mote via Ightham, which upon reaching, BH persuaded Balfour to walk down the hill with him. Balfour praised BH for his 'pluck and determination' and said something, not quite clear in the narrative, but which seems to have been derogatory about Sir John Evans. He went on to speak of Pitt Rivers, and Tylor, whom he reported was 'losing his memory...'. The whole party enjoyed their visit to the Mote. BH then talks of various members of the group with whom he got on well, such as Dr Bather and 'his very interesting wife, a Swede...'. Dr Bather promised to visit again expressing a wish to visit BH's museum and view his many series (of eoliths). BH quite clearly views all such encounters as an opportunity to sell one or more of his countless 'sets' and supplement his income. He goes on to mention a visit to Knole and comments on the portrait paintings by Holbein. He comments on the views from the windows onto the lawns, which he describes as beggaring description. They lunched in the huge ballroom and also took tea, which he describes as 'a very small affair'. He had a long and pleasant chat with John Potter.

P.27. The entry from the previous page continues: The return was via Ightham so BH had the luxury of being set down at his front door. He recounts the sights at Knole that he had seen that day which 'rivetted' his attention. One such was the vinegar cruet as part of Queen Mary and Queen Elizabeth, which he notes as being thickly coated with paint. Something else, indecipherable, of the time of Henry V111, and many other things, which seem to have so excited his imagination that he is unable to write about them in a coherent and readily decipherable way. He mentions a portrait of the beautiful Lady Sackville, close by another of the Duke of Dorset. What particularly caught his imagination however were the antlers of a giant Irish Elk. This seems to have excited others too as Dr Bather is mentioned as taking a particular interest in this item. BH sketches it on tracing paper and refers to the British Museum guide to mammals. Much talk of elks and another sketch on page 27 of the same antlers.

P.28. The entry from the previous page continues. Elk talk continues with the observation that such specimens are to be found, well preserved in Irish peat bogs in which many of the animals seem to have met their end. He makes the observation that these creatures may have not become extinct till late prehistoric times in Ireland.

On Saturday 17th July 1909, Fred Patching, from the last house in Shelly Road, called at 11. Fred was disappointed in the Geological Society's short stay the previous day, and so were others, such as Mr Morgan of Worthing. The very thing they had all looked forward to was 'snatched away' from them [viewing BH's collection]. Patching had decided to visit on his own account to see it. Some who would also have liked to have seen more of BH's collection were unable to do so since they had prior arrangements to return home after the trip. Later that day BH met a gentleman from York, or Hull. He asked if he knew the Market Weighton district to which he replied that he knew 'every inch of it', in addition to which he also knew the Beverley district in great detail. BH talks about the geology of this part of the country. The gentleman expressed some doubt about some of what BH had said but BH countered this with Eolithic evidence collected from there [possibly by Edward Harrison who worked for some time in this part of the country]. The gentleman was surprised that he should

have come all the way to Kent to discover such information after having mapped the whole area under discussion.

Typed letter from Mr Sheppard, Curator of the Hull Historical Museum, thanking BH for a series of eoliths. Dated July 29th 1909.

A handwritten letter from Edward Harrison dated 6th August, 1909. He apologised for being unable to write more than a brief note. In the letter he recalls his days spent in Yorkshire, near Market Weighton. He consults his diary for an account of a field trip in the area. One such is dated 09/04/1898 in which he discovers ochreous drift and worked flint (eoliths).

P.29. Entry from the previous page continues with Mr Patching making a remark about their previous day's outing. Cards of Messrs: Sheppard, Bidwell, Patching, Woolnough and Morgan, pasted onto page.

On Saturday 17th July 1909, Lewis Biggs was married at Stansted, [I think this gentleman is BH's cousin from his mother's side of the family.] BH attended but, in the afternoon he and Mr Bidwell were at the Mote measuring trees.

On Sunday July 19th July 1909, a fine, hot day BH finished his notes and then made for Fane Hill where he found some 'Pale spoil'. There was a motor party to Brighton, got up by Mr G. King that started at 7 and was home again by 11. [Must be 23.00.]. They all enjoyed themselves and one of the Bassett's went on this outing.

Monday 18th July was hot which saw BH taking tracings of Vennell's? work. [This concerned the *Homo heidelbergensis* jaw found near Heidelberg on the 21st October 1907.] BH has copied this since the stone tools found with this jaw were thought perhaps to have been eoliths. The identifier of this specimen, Professor Schoetensack thought, according to BH, that eoliths had been found with these human remains. [The finder was of course one of the workmen, Hartmann, who was smart enough to think it worthy of presenting to Professor Schoetensack.]

P.30. Tuesday 20th July 1909. The day was hot, sunny, cloudless and perfect. BH took advantage of this and made for Kiln Field at 11 to see the excavation being made by Hoskin and said to be 'a vast man-made bar'. Nothing found up till then but the section, which he has sketched, showed the bed rock overlying the moved soil which marked the rampart (of the Iron Age Hillfort, often referred to by BH and others as 'the camp'. The land here slopes down to the north with a slump at the point BH marks with an 'X'. In the evening BH went to Oldbury with Dr Lorenz with whom he had a long chat. On Tuesday the cloud rolled over and the 'bar' [ometer] fell.

A clipping from a Journal about the Chapelle Aux Saints Neanderthal remains.. Marcellin Boule is the academic quoted here.

P.31. On Wednesday 21st July the weather was fine but thunderstorms and rain threatened. The following days saw a continuation of this weather pattern with BH working in his museum on 'hill sets' which he then 'sent off'. Tomkin is mentioned. BH went to Boro' Green to look at the gravel and 'found several' [eoliths] which he has sketched in ink/wash. One of the four sketched looks more like a knapped flint.

Sunday 25th July was stormy but BH went to Coney field where he met Mr Cross and a friend. Conditions improved and by the following day the bar(ometer) began to rise.

P.32. Newspaper clippings about the lizard orchid and 'Blythe's Footprints', a reference to cricket and the direction of Blythe whilst bowling. Five five-frank Swiss stamps. Another clipping with a letter from FJ Bennett to the Editor of *The South Eastern Gazette* about the White Horse Stone, dated July 21st 1909.

Wednesday July 28th 1909 saw the dawn of another fine day. BH walked to St Clere and then to Kemsing flower show. The flowers from St Clere were 'worth the visit'. Mrs. ?... begonias and sweet peas get a mention as does a plan of the valley to the east made by Sir Joseph Prestwich. Back at Boro' Green by 4 from where BH went on to see Mr Smith's garden sale where he spotted an object [undecipherable] worthy of study.

P.33. Clipping from the *Daily News* of 27th march 1909 about Cromwell's head and Mr Horace Wilkinson in whose possession the head was claimed to be. Sketch of a stone, sketched, found in Coney Field Hop Garden. There follows an extract from Professor Verworn's letter of the 25th July 1909:

... I am taking advantage of my first free Sunday to thank you for all the kindness and help I received from you during my stay in Ightham. The days I spent there will always be a most pleasant remembrance to me. I am especially grateful to you, that you made it possible for me to make the excavations at Terry's Lodge and to visit the chief points of interest in the neighbourhood of Ightham. If up to now I had had the slightest doubt of the artificial nature of eoliths of Kent, my visit on the spot and your splendid collection would have quite converted me.

P.34. Thursday 29th July 1909. BH spent much of the day in museum work but also paced the school garden where he notes the presence of chert gravel at the SW end with some flint noted to the east and north east. Rain threatened, but held off. By Friday it had rained and the weather was improving. The barometer was rising, a good thing as cricket at Leyton (London) had been stopped by very heavy rains.

The following day BH spent gardening and received Mr Robson. Sunday August 1st started off fine but it started raining before four. Mary (the housemaid) and 35 others went to Brighton where the conditions were 'brilliant'. Mrs Percival and her two sons called at 3 staying till 6.30.

On Bank Holiday Monday Chandler and Bennett visited and off they went to the pit at 5.30. It rained later so the pit visit must have been curtailed. The barometer however, was rising, up to 30 and BH was driven to speculate that 'it looks like the beginning of summer'. He recounts receipt of a letter from Agnes, who is in Switzerland and who complains of the mosquitos there. A poem follows about these dreaded insects written most probably by BH though Agnes may have inherited her father's propensity for poetic expression.

An original letter from EF Robson of Speldhurst Lodge, Tunbridge Wells, dated 8th August 1909 and in which he asks BH if he proposes digging again for eoliths in the next two weeks and, if so, might he join in. Says he has been reading his geological notes in which CH Reed concedes their age as being Tertiary. Mentions the exhibition of man-made flints from Mantes at the German Anthropological Association when Professor Verworn, Dr Hahne and Rutot agreed the radical differences between ‘true and false eoliths’. Notes that stone implements of PR Johnson from South Africa contained eoliths from the Transvaal. Mentions Professor Rand and Sir Joseph Prestwich whose results were confirmed by later discoveries. Says BH’s name is mentioned very favourably alongside that of B de Perthes. He enclosed a stamp-addressed envelope for BH’s prompt reply.

P.35. The 4th August 1909 was a fine day when BH went to another flower show, this time in Pascall’s brickyard in which there was also a swimming exhibition, attended by the celebrated channel swimmer Montague Holbein.

On Thursday 4th July BH had a ‘grand field day’. He met Mr Robertson and Mr Bennett and they went to the pit. The temperature was up to 76 degrees F. They found several eoliths. Charlie joined them at the Porto Bello³. BH came away with several thoughts which he lists:

1. That they found no trace of Palaeolithic man
2. That they found ochreous flints
3. That they found 51 worked flints, a rough percentage of 5%
4. Taking note of the flints as observed by Verworn... that flints are found broken up and no displaced fragments lying alongside. Specimens brought home.

There is a sketch of eoliths in-situ alongside which is written ‘The vertical lines represent clayey matrix’.

P.36. Sketch in ink/wash of one of the specimens from the pit discussed on the previous page. BH says they lunched, each having brought something different. One of the group went to get some bottled ale and they had ‘a high old time’. Coker brought the spoil back home (82 items) some of them being what BH describes as ‘embryonic’ with minimal work. He says, somewhat poignantly, ‘Thus finishes a long career of pit work’.

A newspaper clipping of a visit to Trottiscliffe Church in which the Rector, Rev OW Shepherd, gave a talk about the history of the church. There follows an account of Professor Verworn’s work with Rutot, both of whom were, at the time, digging together at Boncelles. There they found evidence of a ‘grand Eolithic industry’.

P.37. A continuation of the previous newspaper clipping which gives an account of the Kent Archaeological Society’s visits to several Kent Churches. A picture of William Henry Dallinger, one of the ‘Great men of Science’.

³ The Porto Bello Inn was named after the 1739-1748 war between Britain and Spain, in which the Spanish settlement of Porto Bello was taken by the British navy. It was sometimes called the war of Jenkin’s ear.

A pasted and pencil written list of the archaeological periods, beginning with the Eolithic.

Sketch of eoliths, at the base of which is a 25 ¢ franc postage stamp. Adjacent to this in BH's hand: 'I told Coker to break up the beds, rake over and bring back ochreous flints. He brought 80 and those selected as bearing work'.

P.38. Saturday 7th August 1909. Hot day, 76 degrees F in the shade. To Laing's at 3 to select specimens for Professor Verworn. In the evening BH went to Durling's via Coney Field orchard, no eos found.

Sunday continued very hot so BH stayed in tracing material for Lord Avebury. Monday was again hot though the day started with fog. Tuesday continued the same. BH saw Miss Marshall in the evening.

Wednesday 11th was again hot and cloudless. Shilling's notes about Reservoir excavation are copied, dated 10th August 1909.

Original letter from Lord Avebury, dated 7th August 1909. He says:

... I cannot believe that in any gravel 50% of the stones were worked! In any case however such comparatively well ?... implements as those to which you confine the name of Palaeolithic must be far rarer than the ruder ones. Surely in the ?... though milder, climate which followed the glacial period, man could not have lived unless he had clothes and implements far more well made than the "eoliths". I am yours truly, Avebury.

This letter is the most critical of the eolith theory that Lord Avebury, by this time living in Kingsgate Castle, on the Isle of Thanet, has thus far written to BH.

P.39. BH on the work of Bullbrook on 'GP'. BH showed the letter containing this information to Mr Payne [of Rochester Guildhall Museum] who was singularly unimpressed. The subject was eoliths. BH quotes Bullbrook who says 'However you need not take Payne or any other man into your reckoning now you are far too well established'. There follows some rather pointed, even spiteful remarks about 'old ...George' [Payne] And his 'views'.

An entry about Professor Haddon, and a review of his book in *Nature* about Palaeolithic man. BH quotes the section in which Haddon finds there is no 'fundamental objection against the view of Rutot, Klaatsch, Verworn and others that the first beginnings of human cultural development reach far back beyond diluvial into the middle division of the Tertiary period, the Oligocene according to Rutot, and that 'the much-debated eolith is to be regarded as the primitive implement of man at the lowest cultural stage' The argument continues with an assertion that the assumption that the Mauer jaw, taken to be a stage in the development of *Homo sapiens*, is rendered 'impossible' as a theory of evolution, if that of eoliths in middle Tertiary beds is not given credibility.

P.40. The 12th August was very hot and these conditions continued till the 16th August. Miss Marshall was buried on the 14th. By Monday 16th the temperatures had dropped and it rained. BH stayed in indexing his collection and thought everything was 'ship-shape'. He went to Oldbury with Mr Robson to whom he mentions the case of Mrs Luard and the later suicide of her husband and then reverts to type by writing a poem. The 17th to the 20th were warm days, ending in rain, in which BH continued indexing (some 680 boxes) and meeting Percy Martin who arrived carrying field hops.

P.41. Dr Galpin and one of his pupils arrived at The Grange in the evening. They had been to Paddlesworth Church, near Snodland. On Saturday 21st August BH went to Oldbury in the trap and then on to the old road to the chalk pit. From there he went to Chipstead and Knockholt and back to the pit. He was home by 3. He had a 'glorious time' making a few finds and passing via Boro' Green. Sunday 22nd was unremarkable but the following day he spent what turned out to be a rainy day, in the museum. Mr Noble visited and bought some sets. He informed BH that Mr CA Read was coming to the Mote in a few days. Mr Bullbrook visited at 11.30 and chatted over lunch till 1.30.

A small clipping memorialising Mrs Luard. On August 24th, a dull day, BH started out with Dr. Walker who had dropped by in his motor. They drove to Seal and from there to the Wilderness where BH was 'much struck by a configuration' that could not be seen from the road. He has sketched this, which consists of a lake and a house.

P.42. The entry from the previous page continues. BH and companions go to the golf links following the road to Golden Green. A keen golfer explained the game to BH. The route BH followed was that taken by General Luard. He set his watch at 12 and passed the Churchwarden's (house) who was absent. He reached Hall Farm Hill at 12.13. He got to Parnell's house at 12.10. There was a 'PC' there who eyed all passers by. He chatted with the Luards caddy and ascertained that 'The Firs' was still for sale. Miss Thompson was still living there. Mr Arthur is mentioned, he was said to have been seen walking about on several occasions. BH mentions Bolton or Botton, 80 years of age, with whom he had a long chat. Mentions that the fact that General Luard went down a slope in the direction of Farm Woods on the day of the murder was 'purposely cut' [he must mean from the evidence]. Bolton/Botton, was not accurate as to time but 3.15 is mentioned. BH rewarded him and said, though he was not a detective he wanted to satisfy himself. He reminded Bolton/Botton, of his name to which the gentleman replied 'Why, you're old Benny Harrison. I knew your father and once sold you an ivy plant. It was Irish but that was 30 years ago'. BH referred to a remark made by Sup Taylor that it was intended that he went that way or that the This elicited the reply 'we did see him and his dress tallies in every way'. BH then 'tackled' Mr Sanger at the pit who said: 'I was not here at the time. It was my brother...

P.43. The account from the previous page continues: 'but he was certain and told the PC so'. They then went on to Crown Point for refreshment only to find the two detectives he had passed earlier, dining there. The PC from Padwell joined them there. It rained and continued in torrents all night. A note about a spring at the bottom of Botton's garden. Writing difficult but reference to the Doctor and the men losing a days work. The woman at the inn confirmed the above. Gordon Stanley returned at

12. [This is a rather muddled account of events that surrounded the murder of Mrs Luard the previous year, which local gossip attributed to her husband General Luard who committed suicide only weeks later.]

Wednesday 25th August 1909. Thunderstorms which missed Ightham. Another mention of Gordon Stanley and a picture of him. The following day was dull but it did not rain. BH went with Mr and Mrs Cowley to Fishponds Wood. BH 'tackling neo Celts and Thenayites' of which object there is a sketch of one from Terry's Lodge 770 feet OD. BH sent this specimen to Worthington Smith, having alighted on one of his letters.

A poem on death.

P.44. A note sent to Worthington Smith with the small 'microlith' from Terry's Lodge, referred to on the previous page. A note in pencil that indicates that this eolith was one of three others sent in 1905, which WGS apparently accepted as genuine artefacts.

On Saturday 28th August 1909 BH noted the return of fine conditions. He gardened till 1. At 1.30 Mr Taylor's brother visited accompanied by Mr Philpott and two ladies.

Newspaper clippings from *The Kent Messenger* noting the death of Rev Thomas Henry Stedman Polehampton, eldest son of the Rev John Polehampton, late Rector of Ightham. Also a note about the first anniversary of the murder of Mrs Caroline Luard. BH and his visitors drove to Oldbury and went up to the rockshelters taking many photographs. They went on via Mount Pleasant and Mr St..t's tennis court, which BH describes as 'charming'. He refers to Mr Philpott and the rock outcrop and a journey back along the top and down by Bassett's (cottage). In the meantime Mr Taylor and one of the ladies rode to Seal where they all met at the milestone. The Chequers [probably the Heaverham Chequers] and later in the museum where they bought two copies of *Ightham* and set off for home at 6. The young lady in question had only recently returned from Iceland and talked interestingly of her holiday there whilst they were in the Chequers. Mr Taylor, then 72, reminisced about his childhood.

P.45. Continued from the previous page. He talked of meeting 'The Duke' near the Exhibition of 1851 and went on to talk of 'vast number of Spaniards were in the building and proved as ?... . The authorities did not know how to act'. At this point the Prince Consort was appealed to and he 'referred to the Queen'. The Queen, it is noted, had confidence in the Duke, always appealing to him in any emergency. The Duke responded without hesitation lifting his hat and calling out for the wives of the Spaniards to 'be like her'. The recounter of this tale recalls another gentleman by the name of Langley, from Canterbury, who seems to have committed some act, for which he was 'outlawed'.

P.46. Continued from the previous page. Mr Taylor knew of Boyd Dawkins, who had stayed at his house for a British Association Meeting in Southport, and they had remained close friends. He informed BH that BD was currently engaged on archaeological matters, for which he was paid 20 guineas a day. The response to this was 'This of course a man can live on'. John Evans as a young man features as one of Taylor's memories. At this point BH and Taylor are interrupted but BH vows to

remind him of their conversation the next time they meet. Mr Philpott is noted as having been the Master at Boro' Green General School for many years and as having written several good books. He reminded BH of 'Carlyle at his best'.

On Wednesday September 1st 1909 the weather warmed up a little but this resulted in rain. Mr Philpott turned up at 1.30 just as BH was getting ready for a visit to Knockmill in the Mote motor-car. BH sent him on to Two Chimney House where he met the car party. In it were Mr James and his daughter, Mrs Noble with her two sons and daughter and another gentleman. It rained and they decided to go to Crowsland as they could not get to Knockmill. As they descended the hill they saw a balloon over Crown Point, which soon disappeared into dense cloud.

P.47. Thursday 2nd September 1909, the day dawned fine. BH mentions that it marked the 51st anniversary of his wife's L...ly was judged by ?championship of cricket. [This makes little sense but the writing is illegible at this point.] At the time Kent were playing Hampshire. BH spent Friday of that week packing up Verworn's flints. Mr Philpott called at 12.30 and stayed till 5 copying from the work of ?... . At five they went to Court Lodge where they were met by Mrs Bailey, who showed them her husband's collections from the Palace at Peking. It included tapestry, Chinese paintings and other items associated with the Emperor. BH was unable to find a reference to an elaborate fireplace that was part of the Emperor's belongings, and that was currently kept in a large glass case. He thought this might be best kept in the hall of Court Lodge. He and Mr Philpott visited the Wilderness where he noted a considerable improvement. On Saturday of this week he was getting ready at 9 to go to the pit to see the final section and report back to Professor Schwarz and his brother. The day was 'cloudy and cold'.

P.48. Entry from previous page continues. BH stayed on in the pit till 3 when rain came on and he was forced to leave. His party on this outing consisted of himself, Philpotts, Professor Schwarz and Mr John.

On Sunday 5th September 1909 a fair day dawned and BH attended to garden and house matters in the morning. The following day he spent sketching till Mr Bennett arrived at 2.30 bringing 'most persuasive spoil from Suffolk' along with him. Tuesday and Wednesday were warm and BH met Mr Knight on Tuesday whom he later accompanied to the station to catch the 7.28 train.

Printed article, which contains death notices and an 'In Memoriam' for Miss Marshall, who died on August 9th of that year.

P.49. Obituary for the Rev Polehampton.

Original letter, dated Monday September 6th 1909 from ? J Lequaux asking for someone to guide a party around the sights of Ightham later that week. The letter is not addressed to BH so it might have been given to him by the owner of the place in which the couple had booked to stay for two days. Interestingly, the handwritten note on the bottom of the letter mentions the Dreyfus case. An account of the time BH spent with the couple referred to in the above letter. The lady was the daughter of Dr Whiston, the Master of King's School, Rochester. She had married a French gentleman, a Huguenot. He visited at 6 but spoke no English. [Rochester was a place

to which many Huguenots fled during the French wars of religion, and to this day the site they occupied as a group, remains, though the buildings are modern.] BH took the couple to Oldbury, but a cold easterly wind rendered the trip less than pleasant. He then took them home and had his usual long and interesting chat about a wide variety of topics ranging from Lord Darnley of Cobham, Gads Hill, Rochester Castle, Roach Smith and many other things.

P.50. Entry from the previous page continues. Dr Whiston is mentioned as a schoolmaster with a 'bird in his hand' and the 'Dean and Chapter eating humble pie'. BH mentioned Boule and the experiments at Mantes, which Madam Lequaux responded to with some knowledge. Verworn is referred to as a favourite of Madam Lequaux 'because of his beliefs, which is referred to as a 'catholic dodge to keep intact their system'. BH asked if she would translate some of Rutot's papers, to which task she appeared well disposed. They left at 1.20 intending to visit Ightham Mote. They enjoyed themselves and expressed the hope that they might visit again. Madam Lequaux asked if she might direct her brother in BH's direction. She mentions that her father had always been interested in Holy (Holly) Hill and recalls visits there as a young girl. BH rated her as 'altogether by far the most interesting lady I ever entertained'. M Lequaux was almost blind but with an enhanced sense of touch and who, perhaps because of this, handled the lithic material sensitively. BH goes on to note that they purchased a 'persuasive specimen', which he has sketched. General Luard is mentioned, as is the Dreyfus case.⁴

P.51. The entry from the previous page continues with a statement that 'all condemned him as a traitor...' There follows a short entry regarding the French and their pronunciation, for example Nantes' is pronounced 'Nontes'. BH notes the interest generated in 'my ornamentation ... concentric circles and plain ones and in my experimental work.' The main point however was his work on the Luard mystery. The French generally believed in General Luard's guilt but BH reassured the visitors to the contrary. He then writes:

Now I shall hold my own. I gleaned... the income of the Dean and Chapter increased enormously but still no cheer... no benefit only the Dean and Chapter. My father moved on the matter and was dismissive held his King's School in our archway near the precincts. [This does not make complete sense but is copied as written by BH.]The appeal or trial in Mr ... bench was in his favour. Else he would have been ?... The trial lasted 4 days. Dickens spent his honeymoon near ?Strood and later bought Gads Hill Place.⁵ Roach Smith she knew well and appreciated my reference to his literary review. Her father and he were friends'.

She had been there to see it. Mention being made of Godfrey House Hollingbourne. Voysey's name was mentioned. She replied that she knew him well and her mother always used to go and hear him speak when in London.

⁴ A French political affair in which Alfred Dreyfus, a young artillery officer was accused of passing secrets to the Germans for which he was imprisoned for five years in French Guiana. The miscarriage of justice was eventually resolved in 1906. Emile Zola was a prominent supporter of Dreyfus

⁵ Dickens sent two of his sons to King's School at Rochester

P.52. On Saturday 11th September 1909 BH had ‘a good turn in the museum... and gardening in the evening, assisted by Jim Skinner, everything put ship-shape’. The following day dawned sunny with an easterly wind. BH started out at 9 and visited Peckham Wood patch where he found ‘plenty of small ones v. worn thus differing from the pit specimens. The road literally swarming with cyclists en route to the hop fields of Barming but they looked a very east-end type’. Motorists also in the road. To Harry Reed at Chalk House but he was shepherding at new house. Back through the hilltop field where the Kent Rh... was to be and then straight down to New House Farm. Peacock, large yellow and chalk blue butterflies in profusion. ‘A man approached and as I was pacing the drift flints on side and said ‘I’ve drift flints for you indoors’’. By name Goodshaw, said he knew me years ago when he lived at Ash’. Below are sketched four flints, three of which appear to be artefacts,

P.53. More sketches of the flints found by Goodshaw, though these three look more Eolithic than Palaeolithic. Goodshaw promised to keep a sharp look-out. BH home just after 1, not tired. Mr and Mrs Lewis Biggs had called in his absence bringing with them ‘a nice lot of flowers’. The following day, Monday, was very wet and Ted (Edward Harrison) and his wife as well as Agnes, called at 11.

On the 14th September 1909, Mr CJ Knight called, and BH and he went to Fane Hill. Later BH spent time sketching. The following day was fine. Mr Worthington G. Smith writes: ‘I have lost my strength and have my things to attend to and will reply to your letters later on’. BH writes in reply that he forwarded sketches and implements on to WGS. The usual poem summarises this act:

Accept these little eos, then as relics of a later world,
when the same were fairly old found Ben.
As works of art they are a failure,
Showing in both and no errailures.
Yet still they ?.. edge chipped by man,
And from your stand point mine are poor.
Yet still they may be put with stones
Reminding you of past days – when you educated poor old Ben.

A date of 1878 – 1909 is appended and BH notes ‘Sketching ... See note book 6 p.70’.

P.54. Thursday was fine and BH spent it sketching. Mr and Mrs Thomas from Filton, Shoreham visited in the afternoon and they all had a long chat. Later Mrs Howard of Knockholt visited and Mr Knight is noted to have been sketching at Fane Hill. They all walked to Wrotham in the evening and BH remarks on the ‘remarkable sunset’. Rain set in during the night of Wednesday and Thursday was dull but BH and Mr. Knight went to Cowleys in the evening. More rain Thursday night with the threat of thunder. Saturday was dull but Sunday 19th September 1909 proved a fine day and saw BH make for Gibbett Field at 9.30. From there he went on to William Biggs, through his plantation where he chatted with Mr Williams. Percy (Martin) came at 4 till 5.30. There is mention of Percy having recently been to Mr Munns and ?London where he met Lady Evans (the late Sir John’s wife) who was staying with friends. Mention of Kits Coty and Addington being visited on Sunday. After which they

visited Percy's to see his collection. Percy did not press Lady Evans with his eoliths as Mr Cornilly had told him that 'Lady E sneered at these'. Lady E was said to be 'sweet on Mr Munn?' BH says; 'we shall see'. On Monday 20th September 1909 BH started out by train on what was a fine day, to Malling.

P.55. The scene now switches to Sevenoaks Police Court, at which BH notes the presence of 22 reporters, 'All eager to get in, like bees in a hive'. The prisoner, sketched from behind, was said to resemble Arthur Thompson. He was quite close to BH and in an iron cage. Throughout the time there, the prisoner had his left hand behind him (as shown in the sketch). The (police) superintendent read a long statement and also gave evidence but the magistrate dismissed the case. BH passed on his notebook in which he had written: 'Is it a confession – or police evidence? And my neighbour noted: Police are very weak'. He ran to catch the train heading for Malling but there was no train so he walked from Sevenoaks to Seal and then on to Kemsing where he was 'refreshed'. From there to the station catching the 3.47 train home. He then talks about an elaborate screen, which he considered 'too heavy'. There follows a mention of the chancel, so a church he has seen somewhere on his journey home is being considered. Sir Mark Collett's stall is mentioned, which BH thought 'unsightly'. Again he notes that he arrived home by 3.47 train.

P.56. Tuesday 21st September 1909, proved to be a dull day with a north wind. BH went out but was back by 2. The following day was fine, an 'Indian Summer' which resulted in a very heavy night storm. By Thursday it had become foggy and at 12 Holman told him that the 'up train' had stopped at Court Lodge and people could be seen running back. BH went there to investigate and mentions finding a 'dead body' lying on the rails with his coat lying about 20 yards further on. The man had been running across the line. Heasman informed BH that Vic Stanley had found a letter addressed to Mrs Carleton. The man was Mr Carleton who had been seen going over a stile by Hubert Biggs who, because his leg was so painful was unable to stop Mr Carleton's actions. BH describes it as a 'gruesome spectacle'. The inquest was scheduled for Friday of that week at 7.15, which revealed a verdict of 'Temporary insanity'. Part of the letter was read which revealed that financial troubles were the cause of his suicide.

BH spent Friday sketching. On Saturday heavy rain storms kept him in but Miss Robson and Mr Huxley [grandson of TH Huxley] visited at 12.

P.57. BH went to Boro' Green on Sunday 26th September. Home at 3 till 5.30 when he took a turn around Oldbury visiting Tomkins for ten minutes with whose wife he 'gossiped'. Mentions Dr Rutherford in his Monday entry who stayed in Ightham for two hours. Tuesday was wet but Abbott and his wife visited and the three had 'a high old time' before departing to see what remained of the fissure. Wednesday was again wet but the wind changed to the south during the day and BH predicted a good interval of fine conditions.

Newspaper clipping about the railway suicide described by BH on the previous page.

P.58. BH went to Maidstone on Thursday September 30th by the 12.28 train. He had a long conversation with Colonel Warde looking at maps, letters and other material. BH 'set him right' on many points. He called on Mr L...., Mr Shrubsole and Geo

Haynes. The Luard case was discussed and BH changed the opinions of the others. Others are mentioned as having had the usual 'interesting chat' with BH. Among these was Mr Bernard, Editor of the *Kent Messenger*. BH mentions Allchin and Elgar, of Maidstone Museum. Friday October 1st was clear. Saturday also noted to be fine and BH went to Mr Wilson's at 2. Sunday morning was wet. Mrs Mist came to tea and then to the harvest festival. Monday 4th October 1909 was fine in the morning but rain threatened and it was very wet that night.

P.59. BH met Mr Saddler of Acton in Durling's field and they took the trap to Peckham Wood and then walked to Ash where they saw the spoil from Bennett's pit which included some Pal flakes. Notes a ploughed field, which he thought 'in excellent condition for a field survey of the ochreous gravel'. Rain stopped play and they took the trap home taking tea at Charles's house on their way home. The harvest was not completed, which BH describes as 'a hopeless state of things...'

Newspaper clipping about a lecture, by Mr Lasham, held at a church about 'The making of Guildford'.

P.60. The next two weeks were fine with BH making outings to Wrotham, working on his plates, walking to Fane Hill nut plantation and receiving visitors. By Wednesday 13th October however it rained again which saw BH in sketching specimens from West Yoke, brought in by Skinner. He notes the presence of evolutionary and ovate forms. Then, after the torrential rain BH notes two wonderful sunsets, which he thought to be the most striking he ever saw.

P.61. Thursday 14th October 1909 found BH noting the condensation on the window panes, the first that season. The weather was very promising and BH took a train at 4 .

Newspaper clipping from the *South Eastern Gazette* about the Coldrum by FJ Bennett. The following day there was a strong gale. On Saturday BH went to London despite the wind and rain. He rode with Clemence's man with whom he chatted. Every day conversation about a watch which BH has sketched. Records the railway cuttings in the London clay on the journey to London, they are deep and wide. He then describes the chalk hills through which the train passes as impressive and notes the 'vast numbers of new buildings on the slopes, all in red brick and tiled'. He says that Purley proved to be a 'gloomy place'⁶

P.62. Entry from the previous page continues. BH records that these houses are of a superior class with most standing in their own grounds. Ted is noted as having returned to London to attend a Grand Dinner. BH and Elsie (who is incidentally, not often mentioned in the later volumes) are noted to have had a very pleasant evening. He mentions Crystal Palace and Wallington. The following day, 17th October 1909, BH and Ted took a path to Croydon, where the summit level was noted as being 323 feet OD. In the afternoon, they walked to Coulsden where they met Mr Gerrard, a pleasant surprise. They also met Mrs Green... at the christening of a baby boy of six months. BH mentions meeting Elsie's half-sister at the house of Mr GThe view

⁶ Edward Harrison lived in Purley for some time so BH must have made this journey when he visited his son

from this gentleman's house facilitated a grasp of the southern BH sketched it and then describes it.

P.63. The entry from the previous page continues and BH once more comments on how wonderfully laid out the chalk hills are, with wide roads and paths. He was 'charmed' with it all finding it 'very pleasing'.

On Monday 18th October, BH started out at 8.50, making his way to Stanfords where he bought maps, the cost of which was six pounds and six shillings.⁷ He went by way of Covent Garden and called on someone (illegible). Then on to Druery's⁸ where he saw Charles Mitchell, then via Kingsway to Holborn but missed the 11.04 train. Had an interesting chat with the telegraph operator who said 'heard you found the murderer' to which BH replied that he had not but that he was confident he knew who did it. He then gave a 'long and interesting explanation'. Then on to Mr Newton's where more interesting chats were had. Next stop the Guildhall Museum and the pottery section there and on to Ludgate Hill, past the Old Bailey and the train home, where he arrived at 4.30. All was well at home. Then goes on, as is his wont, to talk more about the day, the chalk hills and other observations he has made during the day.

P.64. One of the gas lamps failed so he could not read at the end of what had, quite clearly, been a satisfying day. Pencil sketch of the 'view from Ted's den' in his house in Purley.

Loose post card on which is written the name of the Curator of the Brighton Museum, Mr James. And another name of a gentleman from Worthing, Mr Morgan. BH sent a post card to a lady called Liz, who had been anxious about him. He writes a poem entitled 'Old Ben unduly ventures out'. This is about his day out in London and starts 'There was an old fogey called – Who went up to London and then...'. Below this little ditty is a drawing of a pot, dated 1698 and the bowls of three clay pipes, which BH dates to Elizabeth I, James II and Charles II.

P.65. Two more pencil sketches of views from Edward's house. Sketch of red deer tines, from the Guildhall Museum [probably London though it could have been the Rochester Guildhall museum], modified into what Ben describes as 'picks'. Various signatures, which he may have seen at the Guildhall museum.

P.66. A translation by Charles Roach of an inscription, in Latin on a large tile. This was seen by BH at the Guildhall Museum [not clear if it is the Rochester or London Guildhall though as Roach Smith lived in Strood it seems most likely to have been Rochester museum]. A book of BH's sketches left with Mrs East by Harking.

Monday to Saturday 18th to 23rd October 1909, wet! On October 25th the entry is a copy of the Washington Irving poem 'The Legend of Sleepy Hollow'. This continues to P.67.

P.67. Copy of an article by Newton on ovate and round forms (of hand axe). Sketch of the progression from triangular to sub-cordate to ovate or roughly circular form.

⁷ Though he does not mention London, that is where he was on this day out

⁸ BH's fern-hunting friend

P.68. The entry from the previous page continues. This is said to be a 'variation of the hache, quite simple and may have been 'conventional forms of undisclosed meaning – symbols'.

Monday 27th October 1909. A rainy day with wind from the east. The barometer was sinking. The day turned out to be memorable for the strength of it's gale. By Thursday the barometer was still sinking and rain continued leaving everything (as far as BH was concerned) at a standstill. He had a game of 'casino' between 3 and 4.30. He also had a book that Mr Bennett had lent him, to read. It was about Egyptian oases. Basted Mill was flooded that night as the rain continued.

P.69. The entry from the previous page continues. There was what BH describes as 'a miniature Niagara' at Basted Mill. The flooding extended to the station area at Boro' Green as well as around the Dark Hill area. Durling's bridge had acted as a dam causing flooding around Batey's. Questions were asked as to whether such a flood had ever been known. The answer was 'yes' but not for many, many years.

Mr GJ Cannell died on Thursday, aged 80 years. By Saturday it had become colder with a white frost and thick ice but at least this brought with it fine weather. BH had a good time clearing the garden. There was a 'F....' in Durling's field.

P.70. Newspaper clipping. An article on old, forgotten games, by FJ Bennett. Sunday October 31st 1909 brought with it another cold day, this time not pleasant. BH stayed indoors all day.

Monday November 1st. The dull, frosty weather continued. By 2nd December the weather had brightened a little but dull conditions soon returned and BH, intrepid as ever, set off to visit Sycamore House and observe its architecture, including what he describes as 'a very fine ... king post'. Read what Wilson had to say about Blackman's tarpits of Salisbury.

P.71. On Thursday, Friday and Saturday, 4th, 5th and 6th November, BH was not very well, having eaten a stale kipper and suffered the predictable consequences! He must have regretted his indisposition, which prevented him taking advantage of some 'fine sunny days'

On Sunday of that week, however, he went to Platt to see Hollands about a fireback. And on his way home called on Mr C... for a long chat. There was some entertainment at the Parish Hall but BH did not go.

Monday 8th was fine and windy and BH went to Boro' Green after which he spent his time sketching Dr Blackmore's flints. He mentions Worthington Smith's views and objections to what must have been eoliths, as well as 'Abbott's masterly paper...'. That evening was frosty and by Tuesday it had become colder with a sharp frost of about 8 degrees F. BH spent time finishing Blackmore's Denbigh flints. 16th November saw Mr Terry from London visiting.

P.72. The entry from the previous page continues with some discussion about cups and their various forms. He must have seen them for sale as one type is noted as costing ten shillings a pair. Spode ware is mentioned. He has sketched one of these latter vessels.

Thursday 11th November 1909 dawned fine and cold. Mr Bennett visited at 11. Mr Coombe visited later. Two newspaper clippings, one about Ivy Hatch, where Mr Hale lived and who clearly contributed to the article about his home village. The second article by Verax, is about old Kentish games and is based on the information gathered on this topic by Mr Bennett.

P.73. Sketch in ink and wash of a valley and surrounding hills with a railway cutting and tunnel. The narrative below indicates that the line links Coulsden with the Caterham Heights. [Whilst visiting Edward in Puley, Surrey, BH must have taken note of the topography of the countryside through which he passed.]

Friday November 12th, BH went to Boro' Green at 10.30. Weather fine. Below this is written 'Worthington G. Smith...'. BH has copied part of one of WGS's letters about action not necessarily precipitating a reaction and 'carelessness and negligence...'. Goes on to talk of Socrates, humanity and a 'mighty artist hiding his meaning... and challenging expressions'. BH was referring to eoliths and the 'art' of Eolithic man, hidden from all but the most astute observer (himself and his coterie of 'believers').

Saturday 13th November 1909. BH and Peters burnt a huge heap of garden rubbish, which was wet and therefore difficult to 'kindle'. Mr and Mrs Lewis Biggs visited at 3 who purchased some Nanking pottery from Mrs Ashby, as discussed by BH on a previous page. Dutch tiles discussed.

P.74. On Sunday 14th November 1909 a white frost which preferentially settled on flowers rather than grass. Rain came on later. The weather remained cold for the rest of the week. In Ireland there had been 18 days of recurrent frost and heavy snow in the midlands. List of names. Original letter from the Director of the Borough of Warrington Museum, dated 17th November 1909, asking for a series of 'representative Eoliths'. Lists of names and the amount of £5 10 shillings and 0 pence. [The amount is attached to a list of names and is probably the amount BH charged for a set of eoliths sent to each.]

P.75. Tracing paper with symbols of towns.

18th November 1909. BH records having received a long letter from WG Smith in reply to the long letter he sent on Hoboken.

Photograph of David Lloyd George, then Chancellor of the Exchequer, on the back of which is pasted a poem by Bendall. Reference to WG Smith: 'Oh Mr Smith. I'd have you ... strung up to a beam by a halter. Unbecoming your years, are you ... your jeers thus to quibble to ... and to patter'. A one liner about the improvement in the weather. More town symbols.

P.76. Saturday November 20th 1909. Fine, cloudless day with a northerly wind. BH went to the village Hall at 2.30 and received a visitor at 4. There was a sharp frost the

following day, 21st November, on which day he took off for Crowslands via the path from Ash. He searched for, and found some eoliths. He called in on Poynter and bought a lead Jacobean jar. Something (illegible) was very abundant.

November 22nd saw another sharp frost. Worthington Smith is again mentioned in relation to something BH was going to send him. It was too cold to work in the museum. The following day the ice in the water butt was thick. Went through Worthington Smith's letters and got a diagram for him. On Friday BH went to Boro' Green and later finished copying Worthington Smith's letters and dispatched them by post.

P.77. Newspaper clipping about place names. Sketch of a bowl found by workmen ? [Where?]. Dated November 23rd 1909.

P.78. Sunderland Museum, below which is a list of names. Sketch of two eoliths. An entry dated Saturday November 29th 1909 in which BH notes that the weather had become milder.

Newspaper clipping about Offham and Jack Straw. Original typed letter from the Librarian and Director of Sunderland Museum thanking BH for his letter and plates of eoliths. They offer to exchange rather than buy eoliths.

Copy of a poem from Druery on 28th November 1909. Most of this is illegible but is clearly about the age of the earth and the competing religious and scientific views on chronology. Darwin is mentioned. Druery coins a home-grown phrase about such antagonisms 'evoking a torrent of tears, grins and jeers'. BH is mentioned as one whose geology [described as 'awful' which I am sure should be understood as meaning awe-inspiring, full of wonder, rather than dreadful] underpins a much greater antiquity than that suggested by clerics.

P.79. Rain a feature of 29th November. This, however, did not stop BH from going out in the afternoon returning in the fly. Edward makes an entry: 'Patri suo similis est', which means: The boy is like his father. An address in purple pencil, not in BH's hand. Wet weather persisted.

On Thursday, unusually fine, December 2nd, Elsie returned. Back to rainy weather. Sunday was another bright day. BH went to Rosewood and Ivy Hatch.

Original programme of Baily's Imperial Pictures. This is a significant piece of ephemera since it signifies the impact of moving pictures on people such as BH. The pianist's name appears, sadly obscured by the postcard pasted over of The Addey and Stanhope School.

Newspaper clipping in which Mr FJ Bennett quotes BH as a source of a word definition, in this instance 'livet or libet' which means a short thick stick which could be thrown at chestnuts still on the tree.

P.80. A perfect deluge on Monday 6th December 1909. BH in sketching. The following day was cold as was the day after that. This did not stop BH going out to Vigo hill section where he observed some ochreous flints in a garden. He paced a

field and again noticed ochreous flint. He found several eoliths. Caught a bus home. On December 9th after breakfast at 7 he started out for Vigo where he made his usual careful examination of the landscape. He made his way to Fairseat taking a path to the north east of the village where he lighted upon a pebble gravel pit. Here he noted the presence of angular and ochreous flint as well as the effects of denudation. Home by 1.

P.81. On 10th December BH notes the death of Whittle and also that it was a wet day. The bar(ometer) was falling. He spent time sorting out Bill's letters. The following day was cold. The cold, 'cheerless' weather continued and he notes his birthday on the 14th. On the following day he writes about Whitaker and a sample from Fairseat (collected by BH on his recent visit there). Whitaker suggests that the material has come from the 'Oldhaven beds' and says that he would not be surprised to find the occasional patch of this material on the plateau, referring to it as a 'plateau patch' though he is loathe to use that as a classification. Vows to refer to his six-inch maps of the area.

The 17th 18th 19th December, foggy and dull. BH went out on the 19th to Trosley Towers. Called on Miss Parkes.

P.82. Mentions Filkins and Hayes Common, possibly in relation to angular flints found at the roadside there. Mentions Long... whose father was elected in Maidstone and who knew E Ray Lankester and Lord Avebury. Called on Lovell who promised to examine a trench in the ochreous drift . Home at 1.

December 21st was cold, 12 degrees of frost. BH out again, this time to Kingsdown. Called on Mr Crowhurst's farm where he found a belemnite, which he has sketched. Called on Mr Pink. To church, where he sketched a fresco, as he was unable to get a photograph of the church or the painting. Called in on the Rector and arrived home at 1.30.

P.83. Sketches of the fresco and a lancet window on the south side of Kingsdown Church. Mention of some gravels but does not specify exactly where. The weather is again cold with 12 degrees of frost. Mentions three heaps (of gravel) in line, which he sketches so as to leave nothing to the reader's imagination. About a yard apart, he spoke to Collins of Terry's Lodge about this. The wind, that had suddenly shifted to the south east, making conditions very cold and bringing with it rain which was in turn followed by warm air, amazed BH as he had seldom experienced such a sudden shift in conditions.

P.84. Thursday 23rd December saw temperatures rise further. Mention of a Bailiff whose wife 'they were after'.

Sketch of 'a curious old lamp from Oldbury Camp' [which looks like a Roman pottery lamp]. Christmas eve was fine and mild in contrast to Christmas day, which saw a sharp frost. The following day was wet and a gale blew. BH stayed in most of the day but later visited the gorge (Basted). There must have been some entertainment as he mentions the fine singing of Miss Vardis. He had 'a jolly time'.

P.85. Pencil sketch of a design. Followed by financial calculation relating to Amos, bullocks and the price of rabbits.

Geological Magazine article on some dry chalk valley features dated December 1909.

Newspaper obituary for Mr FG Carnell of Sevenoaks and an article entitled 'A Romance in Flint' about pre-ice-age early man living at a time estimated to be 240,000 years ago, in which of course, BH is mentioned, this time underlined.

P.86. Sketch of three eoliths and newspaper clipping about Eolithic chipping. Another eolith sketch from Ash at 520 feet OD. This particular eolith was shown to Dr Walker in 1883 and then seen by Sir Joseph Prestwich and which figured in one of his papers.

P.87. List of the numbers of all-round scrapers, which was copied from a list sent to the Anthropological Institute in June 1892. Worthington Smith mentioned in relation to tracings of two of the above stones. Tracings of two of these stones also sent to the Anthropological Institute in June 1892.

This concludes Volume 27 of the Benjamin Harrison archive held at the Maidstone Museum.

Angela Muthana, 24 May 2016.