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PROCEEDINGS vol. xxii, part 3, is sent with this circular to all members whose subscription is not in arrear.

N.B.—Subscriptions (10s.) are now overdue, and **should be sent to the Treasurer, J. Vincent Elsdon, D.Sc., 77, Coleraine Road, Blackheath, S.E.** Attention is called to Rule XI.

Members are reminded of the Association Exhibit in the Science Department of the Coronation Exhibition, Shepherd's Bush. The exhibit is well worthy of a visit.

"GEOLOGY IN THE FIELD."

The Association's Jubilee Volume, "GEOLOGY IN THE FIELD," is now completed. The published price is 5s. per part (4 parts). Members are supplied at the following reduced prices, which are post free: 4s. per part, or 15s. for the entire volume (including index, &c.). To obtain these prices orders must be sent to the Secretary.

The complete work consists of 896 pages, with 32 plates, and 138 figures in the text, and deals with practically the whole of England and Wales.

Cases for binding have been prepared, made in strong art canvas with gold lettering, to hold the work in 1 or 2 volumes as desired, price 1/- per case, post free. Bound copies will be on sale at the meeting. Price, in one volume, 17/6; in two volumes, 19/6 (these prices are to members only).

Members are reminded that the back numbers of the "PROCEEDINGS," which contain many valuable papers on Geological subjects, and detailed accounts of the excursions to nearly every part of the British Isles and certain parts of the Continent, can be had of the Secretary, at a reduction (with a few exceptions) from the published price. See cover of part 10, Vol. XXI.

GEORGE W. YOUNG, F.G.S., *Secretary*,

34, Glenthorne Road, Hammersmith, W.

JUNE 24th, 1911.

Excursion to Guildford, Compton, and Godalming. Saturday, July 1st, 1911.

DIRECTORS: GEORGE W. YOUNG AND DOUGLAS LEIGHTON.

EXCURSION SECRETARY: A. H. WILLIAMS, 385, Holloway Road, N.

Train leaves Waterloo 11.8 a.m., due Guildford 12.7. To obtain cheap tickets (3s. 2d. return), meet Mr. Williams by main line booking office, not later than 10.50. Bring lunch.

The Pottery seen just before reaching Guildford is worked in Tertiary Clay, beyond which the narrow Chalk ridge of the Hog's Back rises steeply. Walk by the towing path through the gorge of the River Wey and climb up the steep river cliff of

Folkestone Sand crowned by St. Catherine's Chapel. After a brief examination of the section, walk westward by Pickards Rough, along the escarpment of the Bargate Stone overlooking the Peasemash inlier of Weald Clay, to a quarry in Bargate Stone near Orange Grove. Here Mr. Leighton will fully discuss the local divisions of the Lower Greensand and compare this section with that at Hollowfield Cottage (described by Meÿer in his paper), which will be visited next. The former shows the Bargate Stone and calcareous sand of the usual type. The pebbles are large and numerous and at times the stone is almost a conglomerate. The Hollowfield Cottage section is on a somewhat lower horizon and shows the junction of the Bargate Stone and the underlying sands, the Cherts here being absent.

Follow footpath through Losely Park. Near the lake a good view of the 16th century mansion is obtainable. Thence to Compton by Sandy Lane (the old Pilgrims' Way) which runs parallel to the Hog's Back. Note the extremely narrow outcrop of Gault. The late G. F. Watts' Artistic Pottery, Picture Gallery and Memorial Chapel will be passed en route, but as they were visited by the Association in 1909 no stop will be made on this occasion. Lunch at Compton.

Walk southward through Eastbury Park to Kiln Copse, where an interesting section shows a junction of the Bargate Stone and Cherts. The junction is very sharp, the transition from the calcareous to the non-calcareous beds being completed within 18 inches. The pebbles in this section are comparatively large, many of them being portions of Jurassic ammonites, etc.

For the next mile the route traverses the Bargate Stone plateau to a section near Northbrook Place.

This shows a somewhat different facies of the Bargate Stone, which is here found in more or less lenticular masses instead of in fairly continuous bands, as in the former sections.

From Hurtmore Farm the path drops steeply to Hurtmore Cottage, down one of the numerous deeply-incised dry gorges which notch the edge of the Bargate Stone plateau and give to the scenery around Godalming its picturesque character. Follow the River Wey to Godalming, noting its extremely sinuous course. At Godalming, tea will be taken at the "White Hart." Price 1/- and upwards. After tea ascend Holloway Hill, where a very large section in the Bargate Stone can be seen. Then re-cross River Wey and ascend Frith Hill, where a fine road section shows some 30 or 40 ft. of Bargate Stone. The face of the section has been cut back cleanly and is quite clear, the characteristic current bedding being beautifully displayed.

Frith Hill is a narrow projecting headland of the Bargate Stone plateau, and from its summit extensive views are obtained. Here a final summary of the stratigraphy will be given.

Photographers should bring their cameras.

Return from Farncombe Station at 7.47 p.m. Take single tickets to Guildford (2½d.), where change. Leave Guildford 8.19, due at Waterloo 9.6 p.m.

Total walking distance about 8 miles.

REFERENCES.

- Geological Survey Map (1 inch), Sheet 8.
 Ordnance Survey Map (1 inch), new series, Sheet 285.
 Ordnance Survey Map (6 inch), Sheet 31.
 1868. MEÿER, C. J. A.—"The Lower Greensand of Godalming." *Geol. Assoc.*
 (price 6d.)

1875. TOPLEY, W.—"Geology of the Weald." *Surv. Mem.*
 1894. CHAPMAN, F.—"On the Bargate Beds of Surrey." *Quart. Journ. Geol. Soc.*, vol. 1.
 1898. LEIGHTON, T.—"Excursion to Godalming." *Proc. Geol. Assoc.*, vol. xv, p. 445.
 1899. COOMARA-SWAMY, A. K.—"Excursion to Guildford and Godalming." *Proc. Geol. Assoc.*, vol. xvi, p. 254.
 1908. YOUNG, G. W.—"The Chalk Area of Western Surrey." *Proc. Geol. Assoc.*, vol. xx, p. 422 (Part 6—1/-).
 1908. BURY, H.—"Notes on the River Wey." *Quart. Journ. Geol. Soc.*, vol. lxiv, p. 318.
 1910. ————"The Denudation of the Western End of the Weald." *Quart. Journ. Geol. Soc.*, vol. lxvi, p. 640.

Excursion to Wargrave, Saturday, July 8th, 1911.

DIRECTOR : LLEWELLYN TREACHER, F.G.S.

EXCURSION SECRETARY : A. H. WILLIAMS, 385, Holloway Road, N.

Leave Paddington 2.10 ; arrive at Wargrave 2.53. Meet Excursion Secretary in Main-line Booking Office, not later than 1.55. Return fare 3s. 5d.

Walk across Church Green and through the village northward and ascend the hill on the right to Wargrave Hill Lodge, just beyond which take the footpath on the left to the top of Bowsey Hill. As this path is somewhat obscure in places members are advised to keep well together, or some may lose their way in the woods. If the weather is wet the route will be slightly altered.

On the summit of Bowsey Hill, 467 ft. O.D. there is a good section of the Westleton Beds now open. Fine views of the Thames Valley may be had from here.

Descend the hill through the woods to Warren Row, and inspect a small but clean section showing the junction of the Chalk with the Reading Beds. The chalk is worked in underground galleries.

Proceed to Knowl Hill, and, by kind permission of Mr. H. Warner, visit the brickyard in the Reading Beds. It is hoped that the leaf-beds will be exposed on this occasion. Walking distance, Wargrave to Knowl Hill, 4 miles.

Tea at the "Seven Stars," Knowl Hill, 9d. or 1s. each.

After tea drive to Twyford, cost 1s. each (distance 3 miles).

Return train leaves Twyford Station 7.59, due at Paddington 9.10.

Members can either walk from Knowl Hill or drive and spend the time at Twyford, inspecting the Director's collection of flint implements, etc.

REFERENCES.

Ordnance Maps, 1 inch scale, Sheets 254-5, 268-9.

" " 6 inch scale, Quarter-sheets, Berkshire, 30, N.W., N.E.
 Geological Survey Map, Sheet 7 (Drift).

1889. WHITAKER, W.—"Geology of London," vol. i, pp. 251-2, 293.

1890. PRESTWICH, J.—"On the Relations of the Westleton Beds," etc. *Quart. Journ. Geol. Soc.*, vol. xlvi, p. 141.