

extract from the Administration Report of the Political Agent at Zanzibar, for the two past years ending with 31st May 1864.

The warmest thanks of the Society were then unanimously voted to His Excellency the Governor in Council for the two interesting communications, and to the several donors for their valuable presents to the Library, and the Meeting adjourned to Thursday, October 20th, 1864.

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SESSION 1864-65.

SECOND MEETING, *October 20th, 1864.*

THE Ordinary Monthly Meeting of the Bombay Geographical Society was held in their new room, on the basement storey of the Town Hall, on Thursday, the 20th instant, at half-past 4 P. M.

*Present.*—Captain W. C. Barker, *Vice-President*, in the Chair; the Rev. W. K. Fletcher, M.A.; J. Burgess, Esq., *F.E.I.S.*; G. C. M. Birdwood, Esq., M.D.; Atmaram Pandurang, Esq., *G.G.M.C.*; Venayekrow Jugonnathjee, Esq.; A. C. Gumpert, Esq.; M. Kane, Esq., M.D., *Members*: and D. J. Kennelly, Esq., *F.R.A.S., F.R.G.S.*, Acting Secretary.

The Minutes of the last Meeting were read and confirmed.

*Elections.*—Cornet T. J. Newnham and Frank A. R. Morrison, Esq.

*Donations.*—The undermentioned donations were laid before the Society, for which their best thanks were directed to be conveyed to the donors:—

1. Proceedings of the Royal Geographical Society of London, Vol. VIII., Nos. III. and IV. By the Society.
2. Papers relative to the Introduction of Revised Rates of Assessment into the Hoongond and part of the Uthnee Talookas, and the Yadwar Mahal of the Gokak Talooka, all of the Belgaum Collectorate. By Government.
3. Geographical, Statistical, and General Report on the District of Hazareebaugh, surveyed during seasons 1858-59 to 1862-63. By Government.

*Letters read.*—The following letters were then read:—

1. From T. D. Thomson, Esq., London, transmitting an Invoice of the first batch of books ordered by the Society on account of the Cursetjee Furdoonjee Paruck's presentation.

At this stage of the proceedings, the members present took a cursory view of the new books placed on the table for their inspection, and requested the Secretary to convey to Mr. Thomson the expression of their warmest thanks for the handsome style in which the books were bound.

2. From Secretary Lieutenant Colonel W. F. Marriott, forwarding the following copy of a letter reporting the occurrence of an Earthquake at Guadar:—

No. 622 OF 1864.

Indo-European Telegraph Department.

From the DIRECTOR MEKRAN COAST AND SUB-MARINE TELEGRAPH,  
To the SECRETARY TO GOVERNMENT, Bombay.

*Kurrachee, 27th August 1864.*

SIR,—I have the honour to forward, for the information of Government, copies of two telegrams received by me from Guadar reporting the occurrence there of a smart shock of Earthquake at a quarter to one o'clock on the morning of the 25th instant.

2. Since I have become acquainted with the Mekran Coast, no previous shock of Earthquake has been felt, but that violent convulsions have taken place at different times, is apparent from the face of the country. In many places masses of rock are thrown up into a mound as though a mine had been sprung immediately below. In several places mud volcanoes vomit forth liquid mud; and it is worthy of remark, that these volcanoes are evidently influenced by the action of the tide, although they are in some instances ten or twelve miles from the sea. At spring tides the mud, which is quite cold, bubbles up unusually high and is accompanied with a rumbling sound which can be heard at some distance off. The highest of the volcanoes that have come under my notice, was about three hundred and fifty feet above the level of the surrounding country, and about seven miles from the sea.

3. As the entire coast of Mekran is volcanic, I often enquired of the Beloochees regarding the occurrence of Earthquakes, and the only

phenomenon of this sort, of which I could obtain any information, was said to have happened about one hundred years ago, when, as my informant assured me, an entire hill, with men and camels on it, disappeared into the sea. I imagine this must have been a landslip caused by some sub-marine disturbance. The spot was pointed out to me, and is known by the name Ras Koocheree on the chart.

4. On one occasion, about twelve months ago, when coming into Kurrachee from Guadur in the gun-boat *Clyde*, we passed through many miles of sea literally covered with bodies of dead fish of every size and description. At the time I felt confident that these fish had been destroyed by some sub-marine volcano emitting noxious and deadly gases, for there was a most unpleasant smell and a large emission of gas from the mud volcanoes on shore. But these are circumstances on which I can merely venture to offer an opinion. One practical conclusion, however, would appear to suggest itself, namely, that the unsettled state of the crust of the earth along this coast, and which I believe extends far out to sea, may have some bearing on the security of the cable.

I have the honour to be, &c.,

H. I. WALTON, Director,

Mekran Coast and Sub-Marine Telegraph.

The Acting Secretary then read his Paper, "Notes on the recent Earthquake in the North-western part of the Bombay Presidency" announced for the evening, and illustrated the incidents touched upon therein by several beautiful photographs, and a drawing specially prepared for the occasion. At its conclusion the Chairman dwelt for some time on the merits of the Paper, and moved that the best thanks of the Society be awarded to the Secretary for the interesting Paper he had drawn. This proposition having been cordially seconded by Dr. Birdwood, was unanimously carried, and the Meeting adjourned to Thursday, November 17th, 1864.

SESSION 1864-65.

THIRD MEETING, November 17th, 1864.

THE Ordinary Monthly Meeting of the Bombay Geographical Society was held in their new rooms, on the basement storey of the Town Hall, on Thursday, the 17th instant, at half-past 4 p. m.

*Present.*—Thomas Black, Esq., *Vice-President*, in the Chair; J. Burgess, Esq., *F.E.I.S.*; R. S. Sinclair, Esq., LL.D.; J. Firth, Esq.; J. Scorgie, Esq., *F.C.S.*; the Rev. W. K. Fletcher, M.A. *Members*: and D. J. Kennelly, Esq., *F.R.A.S., F.R.G.S., Acting Secretary*.

The Minutes of the last Meeting were read and confirmed.

*Elections.*—Brigadier General T. Tapp, C.B.; Surgeon Major S. M. Pelly, *F.R.C.S.*; Surgeon Major T. W. Ward, *F.R.C.S.*, and F. King, Esq.

*Members proposed.*—Premchund Roychund, Esq., F. H. Souter, Esq., Captain Van-Heythuysen; Lieutenant W. T. Crockett, and Captain A. Phillips.

*Donations.*—The undermentioned donations were laid before the Society, for which their best thanks were directed to be conveyed to the donors:—

- 1.—Report of the Students' Literary and Scientific Society, and of the Vernacular Branch Societies, together with the Report of the Girls' Schools for the session of 1863-64.
- 2.—Report of the Agri-Horticultural Society of Western India for the year 1863. By the Society.

*Letters read:*—

1. From T. D. Thomson, Esq., London, furnishing the Society with a list of such books as are obtainable, and requesting their instructions for his guidance.

There being no other business before the Society, the Meeting adjourned to Thursday, December 15th, 1864.

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# TRANSACTIONS

OF THE

## BOMBAY GEOGRAPHICAL SOCIETY.

FROM JANUARY 1863 TO DECEMBER 1864.

(EDITED BY THE SECRETARY.)

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VOLUME XVII.

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Bombay:

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