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'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.'

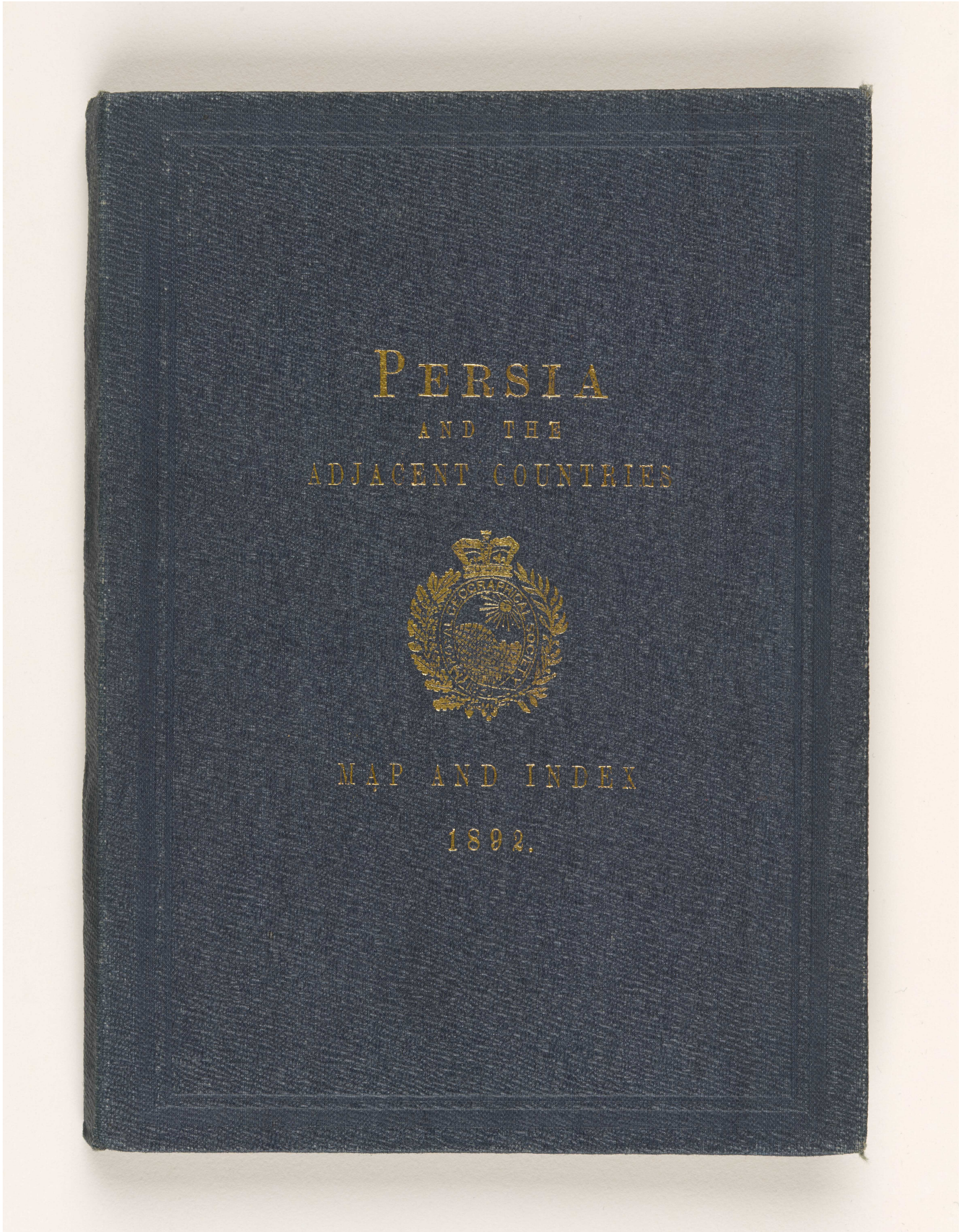
Holding Institution	British Library: India Office Records and Private Papers
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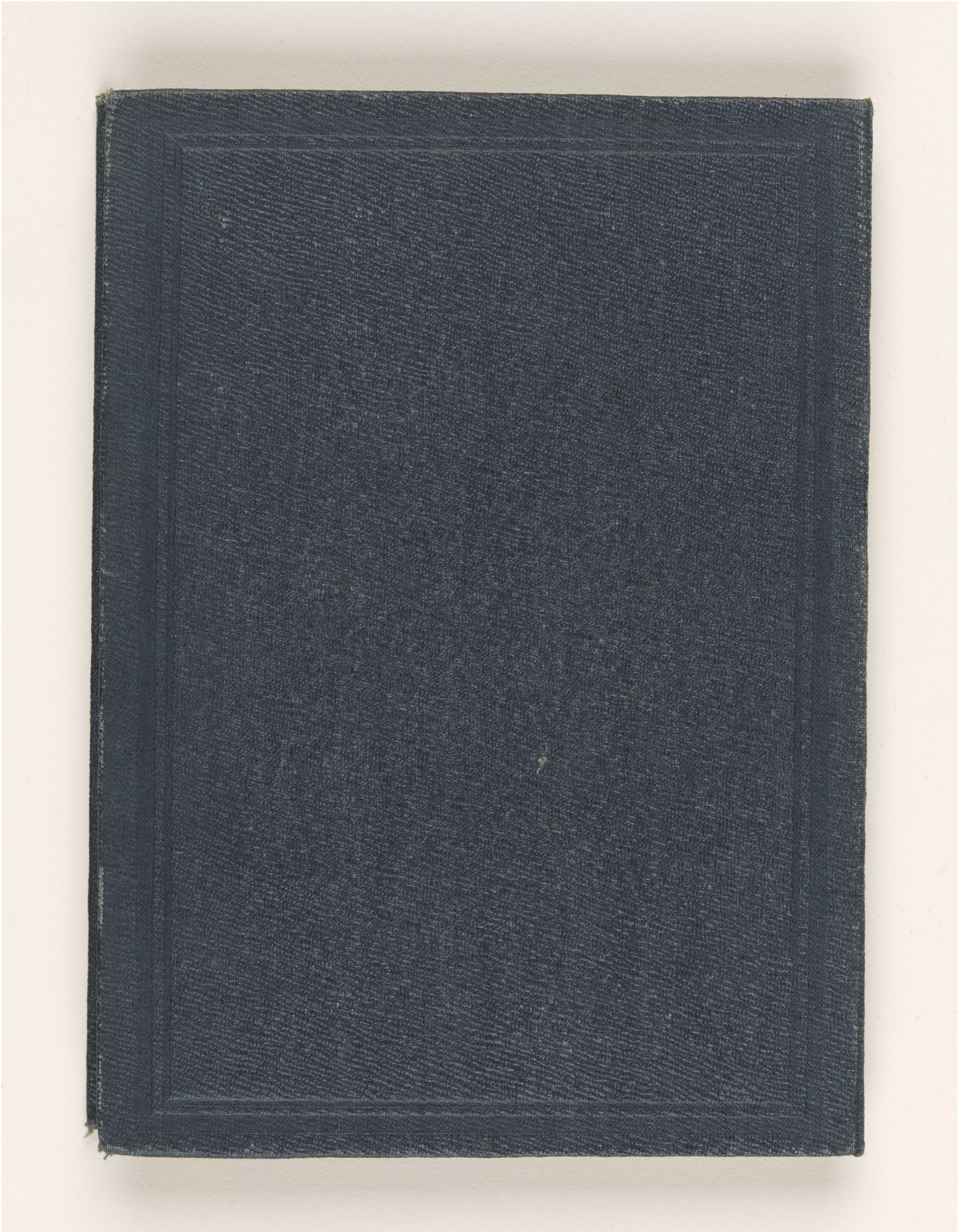
About this record

This book consists of a map of Persia, with a memorandum and index, prepared by William John Turner for the Royal Geographical Society under the supervision of the Hon George Nathaniel Curzon, M P.

The memorandum is written by George Curzon, a Member of Parliament, and explains the origins of the mapping exercise and the issues involved. An appendix lists the maps directly used in the compilation of the new map and a second appendix lists those maps not used but which were useful for reference. There then follows an index of place names and accompanying grid references to the map. The folded map is placed at the back of the publication.



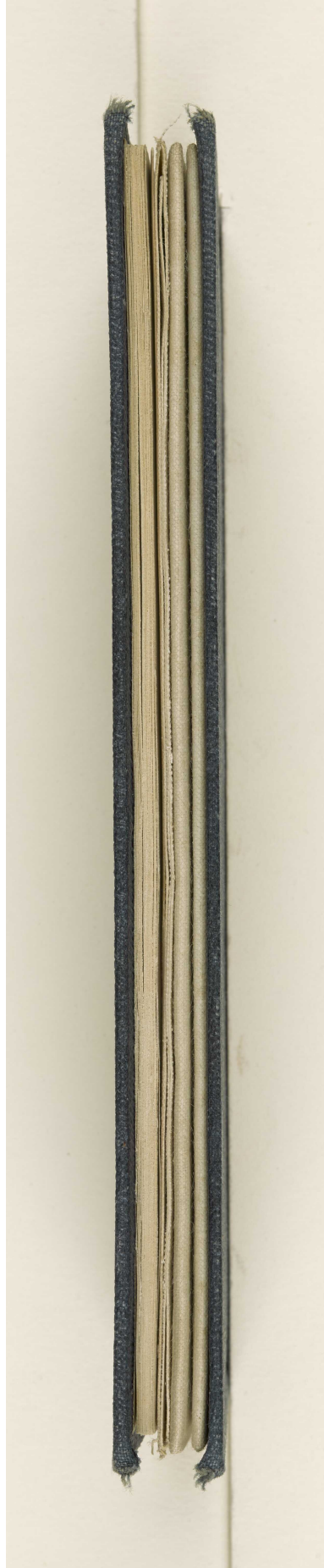
'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [back] (2/57)



'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [spine] (3/57)



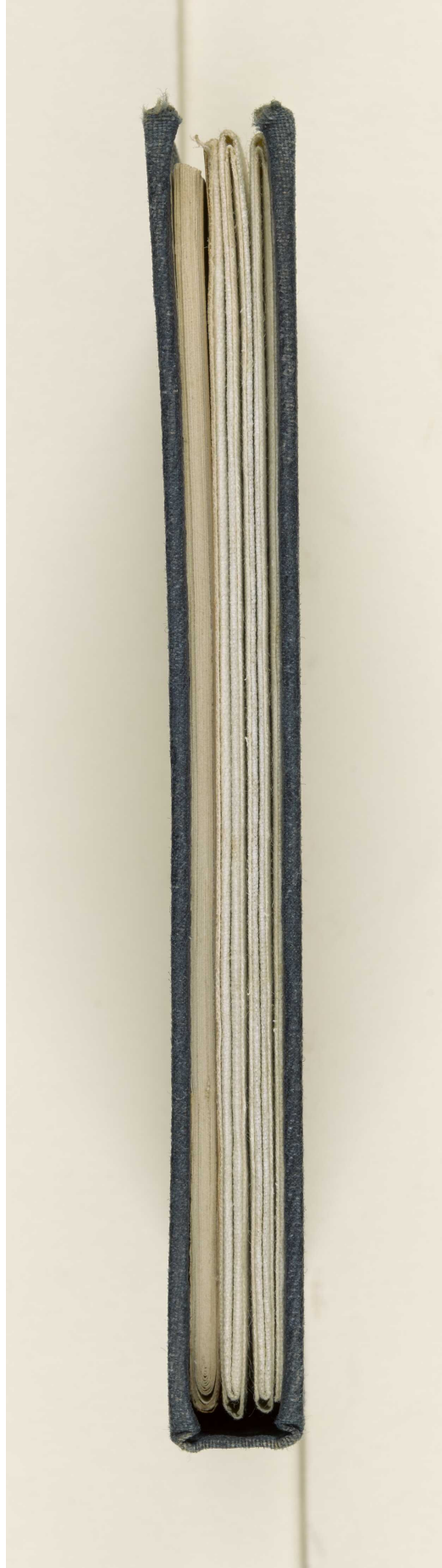
'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [edge] (4/57)



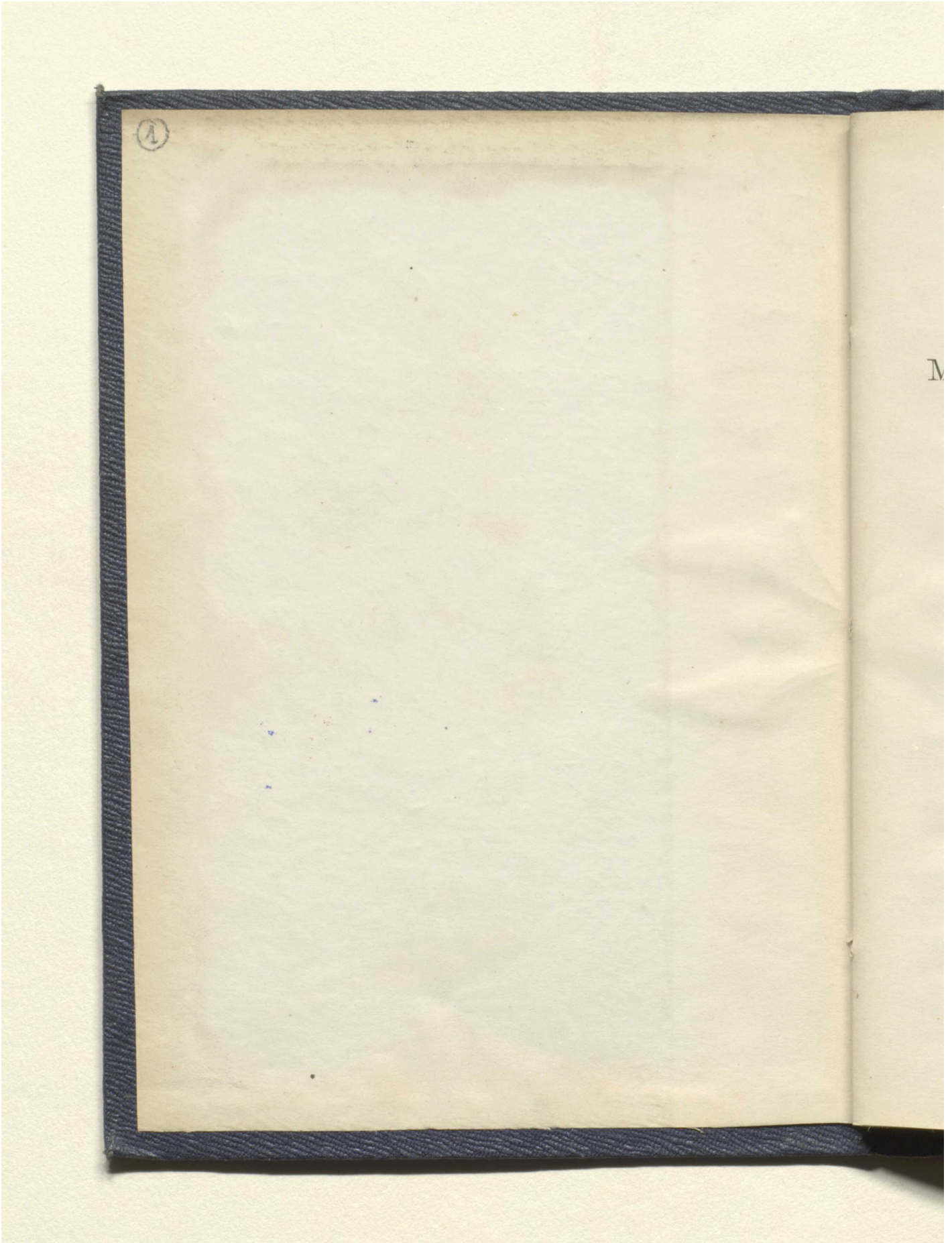
'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [head] (5/57)



'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [tail] (6/57)



'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [front-i] (7/57)



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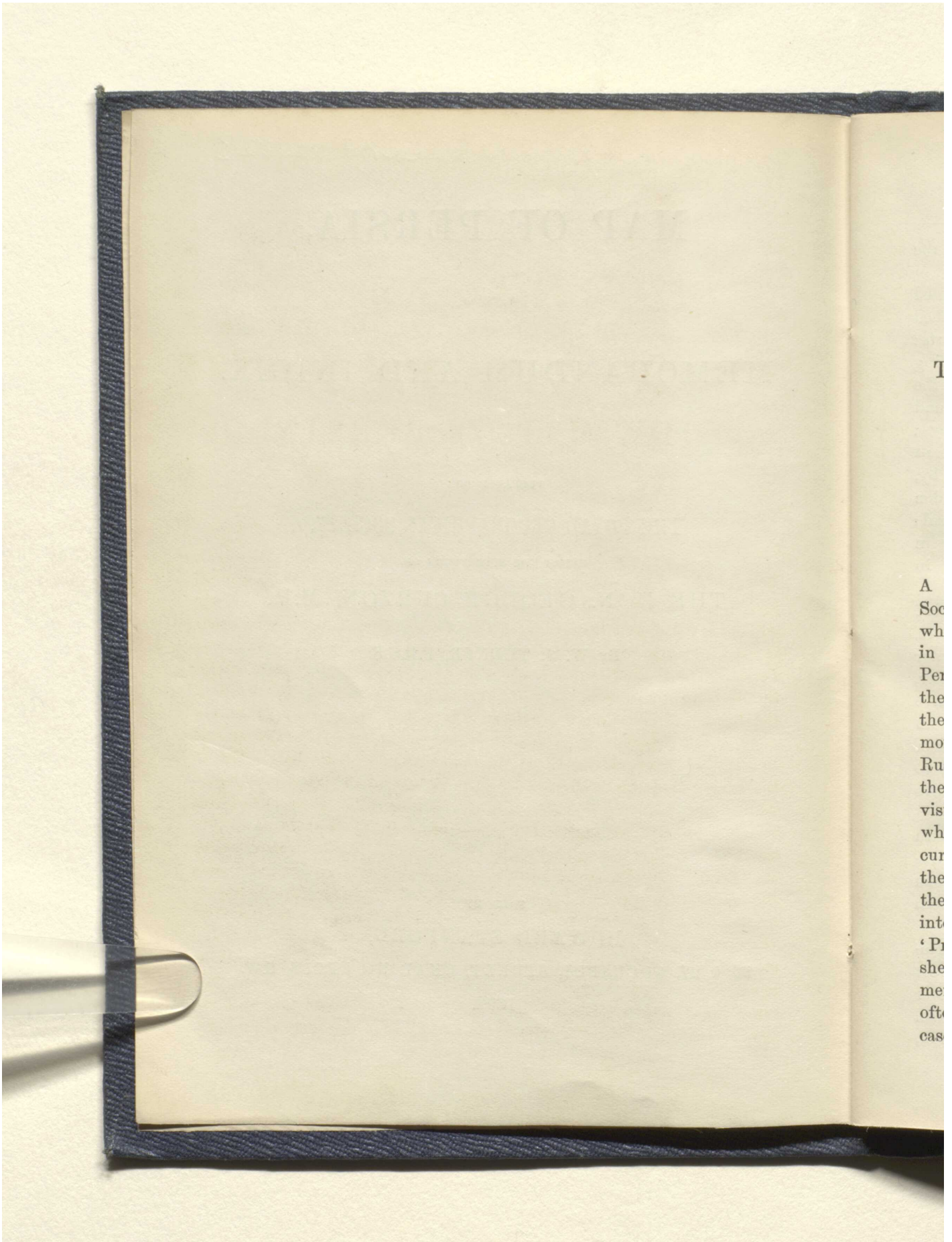
MAP OF PERSIA,
WITH A
MEMORANDUM AND INDEX.

PREPARED FOR
THE ROYAL GEOGRAPHICAL SOCIETY,
UNDER THE SUPERVISION OF
THE HON. GEORGE CURZON, M.P.,

By W. J. TURNER, F.R.G.S.

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1892.

'MAP OF PERSIA, WITH A MEMORANDUM AND INDEX.' [2v] (9/57)



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MEMORANDUM
ON
THE ROYAL GEOGRAPHICAL SOCIETY'S
NEW MAP OF PERSIA.

By the Hon. GEORGE CURZON, M.P.

A YEAR and a quarter ago the Council of the Royal Geographical Society consented, at my instance, and in continuation of a scheme which they had sanctioned and (in the case of the map of Tibet) already in part commenced, to order the execution of an entirely new map of Persia. The reasons which induced them to take this step were, firstly, the absence of anything like a reliable map of that country, embodying the results either of recent travels by private individuals, or of the more authoritative surveys conducted by emissaries of the British and Russian Governments; secondly, the increasing interest that is felt in the kingdom of the Shah, and the growing extent to which it is yearly visited and explored by Englishmen; and thirdly, the command, of which I was able to assure them, of as complete a collection as is procurable of the necessary materials. Influenced by these considerations, the Council graciously acceded to my request, and placed in my hands the execution of the proposal. Mr. W. J. Turner, F.R.G.S., whose intelligent and painstaking work has frequently appeared in the Society's 'Proceedings,' was specially retained to construct the map; and the sheet to which these paragraphs stand in the relation of an explanatory memorandum, is the result of our combined labours, which, if they are often imperfect, and possibly sometimes—from the circumstances of the case—inaccurate, have yet been conscientiously pursued, and mark,

I would fain hope, a decided advance upon any previous map on the same scale of the countries concerned.

The materials which I had collected, and of which a tabulated catalogue will be appended, fall under four headings:—(1) Published English maps, and, in the case of the sea-coast, Admiralty charts; (2) similar Russian and German maps—of which the former, relating principally to the regions bordering on their own dominions (the Russian maps of the rest of Persia being as a rule very meagre and inadequate), are the result for the most part of semi-official surveys; while the latter are generally compilations from the most recent materials, from whatsoever source derived; (3) maps constructed by, or in the possession of the Intelligence Departments, both in London and Simla, which have been most courteously placed at my disposal; and (4) the surveys or itineraries of travellers, published either in books or in the Proceedings of Geographical Societies, whether in England or on the Continent.

As regards the preference assigned to this over that material, surveys have of course invariably been preferred to reconnaissances, and the more detailed to the less detailed or unscientific surveys; later material has naturally claimed a larger share of notice than earlier, though cases have occurred where the labours of a remote explorer have passed into quite undeserved oblivion, and have been found to contain more minute and accurate information than the accepted commonplaces of later maps. In the cases—how frequent I should hardly like to confess—where our authorities have disagreed, the *pros* and *cons* have not been lightly balanced before a decision was made.

The scale adopted is 60 miles to the inch, which is uniform with that already applied to the Society's large map of Tibet, still in course of execution; and which, while presenting a sheet rather larger than Keith Johnston's Royal Atlas, can yet be folded into a size, handy both to the traveller and to the student.

Of the scientific value of the work upon which all Persian cartography has hitherto been based, it is undesirable that an incorrect impression should prevail. No Persian survey has ever been made or anywhere exists, in the same sense as it does, not merely in British India, but in the contiguous countries of Afghanistan and Beluchistan,

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to which the principles of a detailed survey by means of accurate triangulation have been applied by British officers. There a number and network of points and landmarks have been fixed, providing a mathematical framework for all subsequent topography. It is not so in Persia. No triangulation has been attempted here. The presence of the Indo-European Telegraphic Staff has availed to determine the longitude and latitude of important centres; but over the bulk of the country surveys have been conducted with such instruments as independent travellers happened to possess, chiefly with plane-tables, sometimes with the aid of prismatic compasses, traverses, or astronomical observations; the nature of the instruments employed not being stated in every case. The result is that Persian surveys so far constitute a sort of medley or patchwork, the same scale not being uniformly observed, and the observations of different travellers failing to correspond. Scientific precision, therefore, cannot as yet be predicated of any Persian map-making; and future labours will doubtless disturb several of the conclusions at which we have arrived. The utmost that can so far be claimed even for the best Persian map is approximate fidelity to the truth.

So much for the technical bases of our operations. I pass now to the rules which I have observed in delineating the topography of the accompanying map.

Mountains I have purposely refrained from indicating as darkly as their height above the sea-level might seem to justify, for fear of encumbering the ground, and obscuring or extruding the more necessary names of places. Every tyro will know that the normal level of the Persian plateau is from 3000 to 5000 feet above the sea; and that what may in consequence appear on the map to be a plain, is commonly an elevated upland between more or less neighbouring ranges of mountains. The true altitude of the latter will be judged of in relation thereto.

Rivers, in such parts of their courses as have not actually been followed or surveyed, I have indicated by broken lines -----; the number of which will illustrate the extent to which there is still need for the explorer's services.

The recognised caravan routes and mule-tracks (except in the neighbourhood of the capital, there are no roads in Persia) have been marked

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by single lines, following their course. Where, however, they only exist upon hearsay—and that as a rule the not too veracious gossip of muleteers—I have departed from the example set in previous maps, and have as a rule excluded them; such hypothetical routes being more frequently a snare than an assistance to the traveller.

In the selection of names of places for insertion, I have necessarily been compelled to exercise a somewhat arbitrary choice. I might easily, from the large-scale maps which have been placed at my disposal, have crammed the superficies of this map with threefold or fourfold the number of names. In the East, however, small villages and nomad camps are constantly shifting or disappearing; in desert regions, a name in many cases indicates little more than a caravanserai or a well; and I have accordingly given the preference to the recorded experiences of the most recent travellers; my principal desire being not unduly to crowd the surface, or to represent as a teeming centre of population what the exasperated traveller would find upon approach, to be only a waste expanse, with widely scattered and fugitive evidences of life.

I have inserted the altitudes of the principal cities and mountains; and have marked the course of the Indo-European Telegraphic wires from Tiflis viâ Tabriz and Teheran to Bushire (as also the branch line, maintained by a British staff, from Teheran to Meshed), of the submarine cables in the Persian Gulf, and of the land-line from Jask along the coast of Mekran to Kurrachi. The Persian telegraphic wires I have thought it superfluous to introduce.

The only two railways in Persia, from Mahmudabad on the Caspian to Amol, 12 miles, and from Teheran to Shah Abdul Azim, 6 miles, are marked.

Of political frontiers or lines of demarcation I must speak at rather greater length. I have not inserted any provincial boundaries in Persia itself, for the reason that the administrative subdivisions are not fixed, as in England, by topographical conditions, but are determined by political exigencies, and vary very much from time to time. As regards external frontiers, I have, after much consideration, adopted a fourfold system of delineation, answering to the four classes of border which I shall show to exist either in Persia or in the adjacent countries that also appear on this map. They are as follows:—

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(1) .-.-.-.-. This indicates a boundary that has been formally defined and demarcated: i. e. a boundary which exists in treaty stipulations, and is as a rule marked by pillars. Of such a character are (a) the Perso-Russian frontier in the north-west, to Astara on the Caspian; (b) the Perso-Russian frontier as regulated by the Akhal-Khorasan treaty of 1881, from Hasan Kuli Bay in the Caspian to Lutfabad, on the Transcaspian Railway; (c) the Perso-Afghan or Seistan frontier, fixed by Sir F. Goldsmid in 1872, from the Hamuns to the Kuh Malek-i-Siah; (d) the Perso-Beluch or Mekran frontier, as fixed by the same officer and demarcated by the late Sir O. St. John, at the same time, from south of Kuhak to the sea at Gwetter; (e) outside Persia—the Russo-Afghan frontier, from Zulfikar on the Heri Rud to Bosaga on the Oxus, fixed by the Anglo-Russian Commission in 1885-7.

(2) .-. .-. .-. Boundaries nominally defined but not uniformly demarcated. The solitary instance of this is the long frontier-line of 700 miles between Persia and Turkey, from Mount Ararat to the Shat-el-Arab, which was roughly determined by an Anglo-Russian Commission, after labours that were spread over a period of more than twenty years (1843-65), as existing somewhere within a strip of territory varying from 20 to 40 miles in width, the actual line to be determined by the two Governments implicated, either by agreement or by force as they pleased. In some cases one, in others the other agency has been employed; with the result of frequent squabbles and general lack of precision.

(3) .-.-.-.-. Hypothetical boundaries, i. e. boundaries which more or less exist, and are more or less recognised, either by custom or because of physical conditions, but the acceptance of which has either never been made, or is not publicly known to have been made, the subject of diplomatic agreement between the powers concerned. To this class belong: (a) the Perso-Russian frontier in North-east Khorasan from Lutfabad to Sarakhs, and up the Tejend to Zulfikar, which is alleged to have been determined by secret treaty, but appears more probably to have been left open, so as to justify future Russian encroachments; (b) the Perso-Afghan frontier from Zulfikar to the Seistan Hamuns (c) the Perso-Beluch frontier from Jalk to Kuhak—nominally fixed by Goldsmid and St. John, but never demarcated and constantly fluctuating; (d) outside Persia—the Afghan-Beluch frontier from the

Kuh Malek-i-Siah to the neighbourhood of Nushki—a boundary which is doubtfully observed and can only be approximately ascertained; (e) the frontier of British India running from the neighbourhood of Nushki viâ Chaman, to the Gomul Valley on the east fringe of my map—a frontier which is as yet only tentatively defined, but which indicates, with sufficient accuracy, the tribes and districts at present brought under British sway.

(4) My fourth class of boundary, if a bull may be permitted, is a blank. By no other means can I express the impalpable and non-existent border-line between the extreme points of Goldsmid's Seistan and Mekran delimitations. Most map-makers solve the difficulty by drawing and colouring a straight line from the Kuh Malek-i-Siah to Jalk; but this is absurd, and the Beluch nomads who wander over this region, and profess either an alternating allegiance or none at all, would scoff at the suggestion, and probably kidnap the innocent cartographer who went out to ratify his theories on the spot.

In the first, second, and third of the above classes, where the boundary follows the course of a river, it is not separately indicated, but must be identified with the river channel.

Finally I come to the vexed question of Orthography. Here, broadly speaking, I have observed the rules laid down by this Society; i. e. I have retained the conventional spelling of such names (even if strictly incorrect) as have been fixed by long custom, e. g. Bushire *vice* Abu Shehr, Meshed *vice* Mashhad, &c.; while vowels should ordinarily be pronounced as in Italian, and consonants as in English. Subject to these two conditions, I have tried to represent the native sounds with as much accuracy as the very imperfect symbols of the English alphabet will admit of, preferring on the whole to incur the charge of looseness to that of pedantry. Such a system must result in an orthography that is at times arbitrary, and that will not uniformly commend itself to every student. It is difficult indeed to secure uniformity in a country or countries where there are constant slight differences of pronunciation or inflexions of tone, according to the language or dialect locally in vogue; and the difficulty is increased in the case of Persia by the fact that the Indian pronunciation of Persian names, with which Englishmen are more apt to be familiar, is not

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that encountered in Persia itself. I may instance as illustrating the various pronunciations of the same vowel, the word *panj*, *punj*, or *penj*, i. e. five, which in the different forms Kila Bar Panja, Panjgur, Punjab, and Penjdeh, is familiar to English readers. The system employed in Hunter's Gazetteer of India, and in India generally, I have not, for the above-mentioned reasons, been able unreservedly to adopt. It frequently violates the primary canon of such an approximation to the local sound as a native, if he heard the word in an Englishman's mouth, might be expected to understand.

It will be observed that in addition to Persia this map includes a large portion of the Russian dominions in Central Asia, the greater part of Afghanistan, and the whole of Beluchistan. The geographical configuration of Persia, considered in relation to a handy and portable sheet, would of itself have suggested such an extension of plan; but the reasons for which I have adopted it are political rather than ornamental or convenient. Persia is so intimately bound up with its neighbours on the north-east and east, and its future will so largely be determined by considerations in which their geography and topography must play an important part, that the map would have been shorn of much of its value had it omitted to include them. Russian authorities have been used for the Russian dominions; Indian authorities for the Indian frontier-regions and the countries immediately beyond.

I append a twofold list, (1) of the maps that have been directly used in the compilation of this work; (2) of the maps that have not required to be so used, inasmuch as their contents have already been incorporated in the members of class 1, but that deserve to figure in a catalogue of modern maps of Persia. I have subdivided the former or more important class, firstly into the political and geographical units of Persia, Afghanistan, and Beluchistan; and secondly, according to the character and extent of the area or itinerary displayed, into General maps, Divisional maps, and District or Route maps. This is not an unfamiliar classification, and appears to cover the whole ground.

I.—LIST OF MAPS DIRECTLY USED IN THE COMPILATION OF THE MAP.
PERSIA.

Title of Map.	Author.	No. of Sheets.	Scale of Miles to Inch.	Place and Date of Publication.
A. GENERAL MAPS.				
Parts of Arabia and Persia	Trig. Survey of India...	2	32	Calcutta, 1883.
Provinces Asiatiques de l'Empire Ottoman.	H. Kiepert	6	23	Berlin, 1884.
Persia	Intell. Div. War Office..	6	16	London, 1886.
Persia	Russian Milit. Staff Map.	12	13 $\frac{1}{3}$	St. Petersburg, 1871-88.
Persia	Intell. Div. War Office..	6	16	London, 1890.
N.W. Trans-Frontier* ..	Intellig. Dept. India ..	13	8	Calcutta, 1889-91.
S.W. Asia*	Ibid.	9	8	Ibid.
B. DIVISIONAL MAPS.				
Caspian Sea	Russian Chart	1	13 $\frac{1}{3}$	St. Petersburg, 1867.
N.E. Frontiers of Persia	Col. V. Baker & Lieut. W. J. Gill.	1	30	London, 1874.
N. Frontier of Khorasan, with parts of Irak and Mazanderan.	Capt. Hon. G. Napier ..	1	16	Ibid., 1876.
Khorasan & Neighbouring Countries.	Col. C. E. Stewart (Proc. R.G.S., Sept. 1881).	1	24	Ibid., 1881.
Aderbeijan	N. Khanikoff (1851-55) (H. Kiepert).	1	13	Berlin, 1862-82.
Route in Nord-Persien; Kurdistan und Irak.	Prof. C. Haussknecht (1865-9) (H. Kiepert).	1	9 $\frac{1}{2}$	Ibid., 1882.
Routen in Orient: Irak, Farsistan und Luristan.	Ibid.	1	13	Ibid, 1882.
Ibid.; Strasse von Teheran nach Ispahan.	Ibid.	1	13	Ibid, 1882.
S. Persia	E. A. Floyer (1876-7), in 'Unexplored Beluchistan.'	1	56	London, 1882.
Caucasia	Russian	6	13 $\frac{1}{3}$	Tiflis, 1883.
Transcaspian Region ..	Russian	9	13 $\frac{1}{3}$	St. Petersburg, 1885.
The Afghan and Persian Border.	Col. C. E. Stewart (Proc. R.G.S., March 1886).	1	32	London, 1886.

* In addition to public authorities elsewhere cited, these maps embody the results of unpublished surveys and reconnaissances by Major T. H. Holdich, Captain Hon. M. G. Talbot, Captain St. G. Gore, C. L. Griesbach, Col. G. C. Sartorius, Col. M. E. Gerard, Lieut. H. B. Vaughan, and Lieut. R. E. Galindo.

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PERSIA—continued.

Title of Map.	Author.	No. of Sheets.	Scale of Miles to Inch.	Place and Date of Publication.
Routes in S.W. Persia ..	Col. M. S. Bell (1885) ..	4	8	Calcutta, 1886.
Routes in W. Persia ..	Lieut. F. R. Maunsell (1888).	6	8	Ibid., 1889.
Russian Central Asia ..	Hon. G. Curzon (Proc. R.G.S., May 1889).	1	92	London, 1889.
Persian Gulf	Admiralty Charts, No. 2837a & b (Com. C. G. Constable & Lieut. A. W. Stiffe).	2	14	Ibid., 1860-90.
The Bakhtiari Country ..	Maj. H. O. Sawyer (1890)	1	8	Calcutta, 1891.
C. DISTRICT MAPS, ROUTES, & ITINERARIES.				
Zohab to Khuzistan ..	Major H. C. Rawlinson (Journ. R.G.S., 1839).	1	51	London, 1839.
Kazrun to Shushter ..	Baron C. A. De Bode (Journ. R.G.S., 1843).	1	23	Ibid., 1843.
Khuzistan	A. H. Layard (Journ. R.G.S., 1846).	1	50	Ibid., 1846.
Chart of the Karun River about Ahwaz.	Lieut. W. B. Selby (1843-5).	1	5	Ibid., 1846.
The Shatt-el-Arab and River Karun.	Col. F. R. Chesney ..	2	4	Ibid., 1849.
Isfahan to Shiraz	Keith Abbott (1849-50) (Journ. R.G.S., 1855).	1	44	Ibid., 1855.
Herat to Bushire	Capt. Claude Clerk (Journ. R.G.S., 1861).	1	70	Ibid., 1861.
Route from Isfahan to Charbar and Bunder Abbas.	Col. F. J. Goldsmid and Major R. M. Smith.	1	36	Ibid., 1866.
E. Persia; Bunder Abbas to Meshed.	Col. F. J. Goldsmid (Journ. R.G.S., 1873).	1	51	Ibid., 1873.
Route-map from Jask to Bampur. [Fars.]	E. A. Floyer (1876) (Journ. R.G.S., 1877).	1	30	Ibid., 1877.
Sketch-map of Tour in Khorasan	Capt. E. L. Durand ..	1	7½	Calcutta, 1879.
	Col. C. M. MacGregor (1875) ('Travels in Khorasan,' 2 vols.)	1	32	London, 1879.
Routen im Nordwestlichen Persien; Teheran nach Burujird.	A. Houtum - Schindler (1877-8) (Zeit. d. Ges. f. Erd. z. Berlin, 1879).	1	9½	Berlin, 1879.
Routen im Nördlichen Persien; Teheran nach Resht. [shed.]	Ibid.	1	9½	Ibid., 1879.
Ibid.; Semnan nach Me-	Ibid. (1876)	1	9½	Ibid., 1877.

PERSIA—continued.

Title of Map.	Author.	No. of Sheets.	Scale of Miles to Inch.	Place and Date of Publication.
Routen im Südwestlichen Persien; Shushter nach Isfahan. [jird.	Ibid. (1877-8)	1	9½	Ibid., 1879.
Ibid.; Shushter nach Burujird.	Ibid.	1	9½	Ibid., 1879.
Ibid.; Burujird nach Isfahan.	Ibid.	1	9½	Ibid., 1879.
Routen im Südlichen Persien; Teheran nach Isfahan.	Ibid. (1879-80)	1	19	Ibid., 1881.
Ibid.; Isfahan nach Bunder Abbas.	Ibid.	1	19	Ibid., 1881.
Kazvin nach Tabriz ..	Ibid. (1881-2)	1	16	Ibid., 1883.
Zinjan nach Takht-i-Suleiman.	Ibid.	1	8	Ibid., 1883.
Tabriz nach Suj Bulak ..	Ibid.	1	8	Ibid., 1883.
Bushire to the Caspian Sea.	E. Stack ('Six Months in Persia,' 2 vols.).	6	16	London, 1882.
Route along the Alburz Mts. between Teheran, Astrabad, and Shahrud.	Lieut.-Col. B. Lovett (1881-2) (Proc. R.G.S., Feb. 1883).	1	8	Ibid., 1883.
Routes in S.W. Persia; Isfahan to Shushter, Shiraz, and Lake Bakhtegan.	Captain H. L. Wells (1881-2) (Proc. R.G.S., March 1883).	1	8	Ibid., 1883.
The Kara Agatch river in S. Persia.	Col. E. C. Ross (Proc. R.G.S., Dec. 1883).	1	32	Ibid., 1883.
Kasvin to Hamadan ..	J. D. Rees	1	12	Madras, 1885.
Part of S. Persia from Shiraz to Jask.	J. R. Preece (1884) (Supp. Papers R.G.S., 1885).	1	20	London, 1885.
Country between Teheran and Kum.	(Proc. R.G.S., Oct. 1888).	1	12	Ibid., 1888.
Itinerary, Anzali to Astrabad.	Capt. Bailward (Russian Map).	1		1889.
Karun River and branches Across Luristan to Ispahan.	(Proc. R.G.S., Sep. 1890) H. B. Lynch (1889) (Proc. R.G.S., Sep. '90).	1	8	London, 1890.
Route through Central Persia; Lingah to Bajistan.	Lieut. H. B. Vaughan (Proc. R.G.S., Oct. '90).	1	48	Ibid., 1890.
Route from Teheran to Bushire.	Capt. O. St. John and Major H. L. Wells (Indo - Europ. Telegraph Map).	1	8	Calcutta, 1871-90.
Reconnaissance from Dehbid to Bushire.	Major H. O. Sawyer ..	1	8	Calcutta, 1890.
The Kur River in Fars ..	A. H. Schindler (Proc. R.G.S., May 1891).	1	26	London, 1891.

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AFGHANISTAN.

Title of Map.	Author.	No. of Sheets.	Scale of Miles to Inch.	Place and Date of Publication.
A. GENERAL MAPS.				
Persia, Afghanistan, and Beluchistan.	Russian	6	33	St. Petersburg, 1887.
Afghanistan	Surv.-Gen. of India ..	4	24	Calcutta, 1889.
B. DIVISIONAL MAPS.				
Tejed Oasis and Roads to Merv.	Col. Baron Aminoff (Proc. R.G.S., Jan. 1883).	1	27	London, 1883.
Country between Hari Rud and Murghab River.	Ibid.	1	35	Ibid.
Heri Rud and Murghab Rivers, and territory between Merv and Herat.	(Proc. R.G.S., Sep. 1885)	1	13	London, 1885.
S.E. part of Afghanistan ..	Lieut. G. Broadfoot (Suppl. Pap. R.G.S. 1885).	1	14	London, 1885.
N.W. Afghan Boundary ..	Major T. H. Holdich (Parl. Pap. Central Asia, No. 1, 1887).	3	4	London, 1887.
Russisch - Afghanischen Grenzgebiete.	Ibid. ('Petermann's Mitteilungen').	1	20	Gotha, 1887.

BELUCHISTAN.

A. GENERAL MAPS.				
Beluchistan	Surv.-Gen. of India ..	2	16	Calcutta, 1876.
Beluchistan	Ibid.	1	32	Ibid., 1886.
B. DIVISIONAL MAPS.				
Route-map, Kurrachee to Gwadar.	Major F. J. Goldsmid (Journ. R.G.S., 1863).	1	15	London, 1863.
Parts of Beluchistan, Mekran, and the Perso-Beluch Boundary.	Capt. B. Lovett	1	9	Ibid., 1872.
Sind	Surv.-Gen. of India ..	1	16	Calcutta, 1877.
Sind and Punjab Frontier	Intell. Dep. India ..	1	8	Ibid., 1879.
Country between Sind and Kandahar.	(Proc. R.G.S., Sep. 1880)	1	24	London, 1880.
Reconnaissance across the Desert of Beluchistan.	Col. C. M. MacGregor and Capt. R. B. Lockwood (1877) ('Wanderings in Beluchistan').	1	16	Ibid., 1882.
W. Beluchistan	Capt. R. H. Jennings ..	1	8	Calcutta, 1886.
Arabian Sea	Admiralty Chart No. 38.	1	14½	London, 1874-90.
Coasts of Sindh and Kutch.	Ibid., No. 42 (Lieut. A. M. Grieve).	1	11	Ibid., 1850-90.

II.—LIST OF MAPS NOT DIRECTLY USED IN COMPILATION OF NEW MAP OF PERSIA, BECAUSE EITHER SUPERSEDED OR ALREADY EMBODIED IN MAPS MENTIONED IN CLASS I.; BUT USEFUL FOR PURPOSES OF REFERENCE.

PERSIA.

Title of Map.	Author.	No. of Sheets.	Scale of Miles to Inch.	Place and Date of Publication.
Boundary between Persia and Turkey.	H. A. Churchill	1	24	London, 1855.
N.E. Persia	N. Khanikoff (1858-9) ..	1	48	Paris.
Persian Gulf, &c.	Rev. G. P. Badger	1	33	London, 1871.
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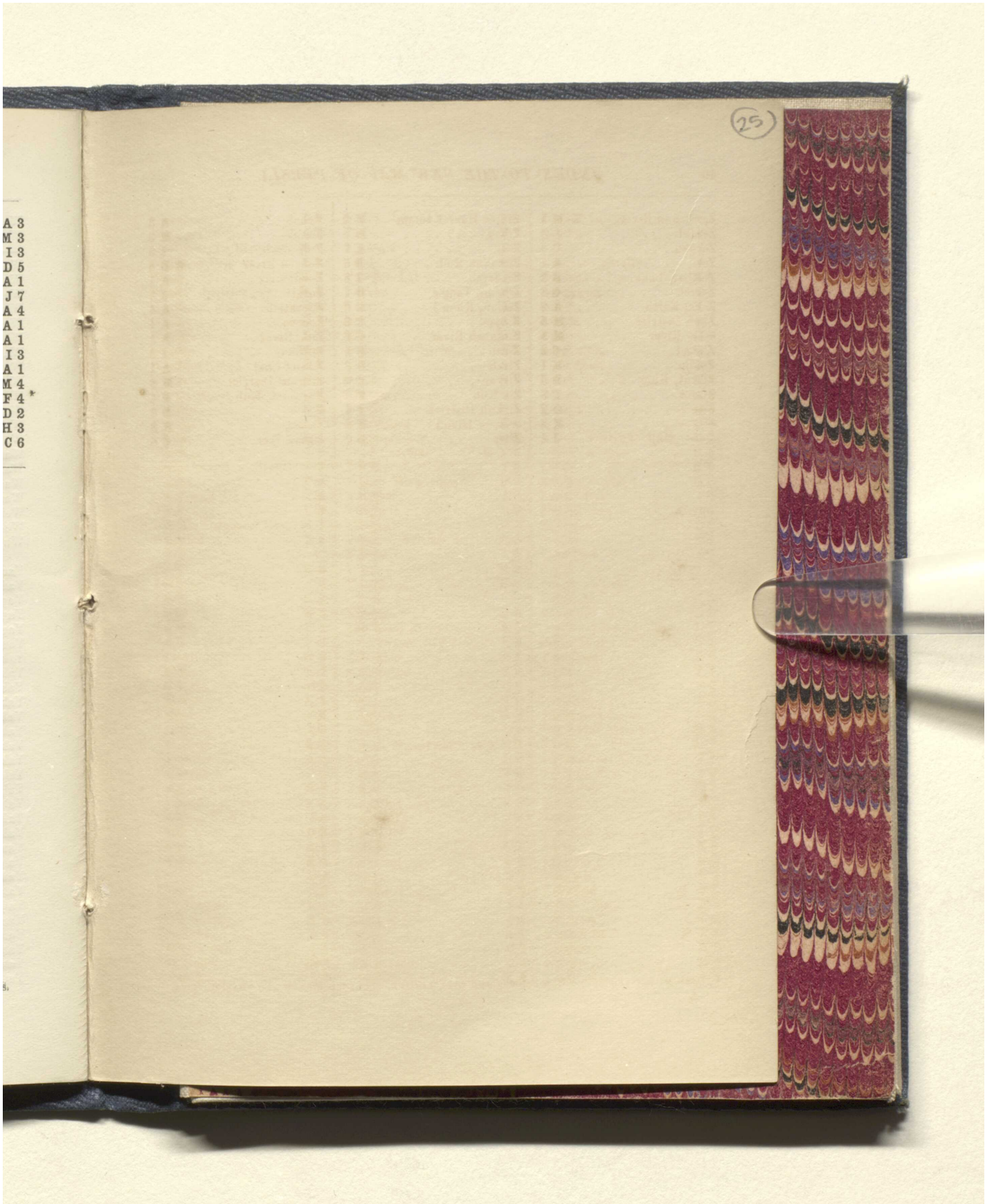
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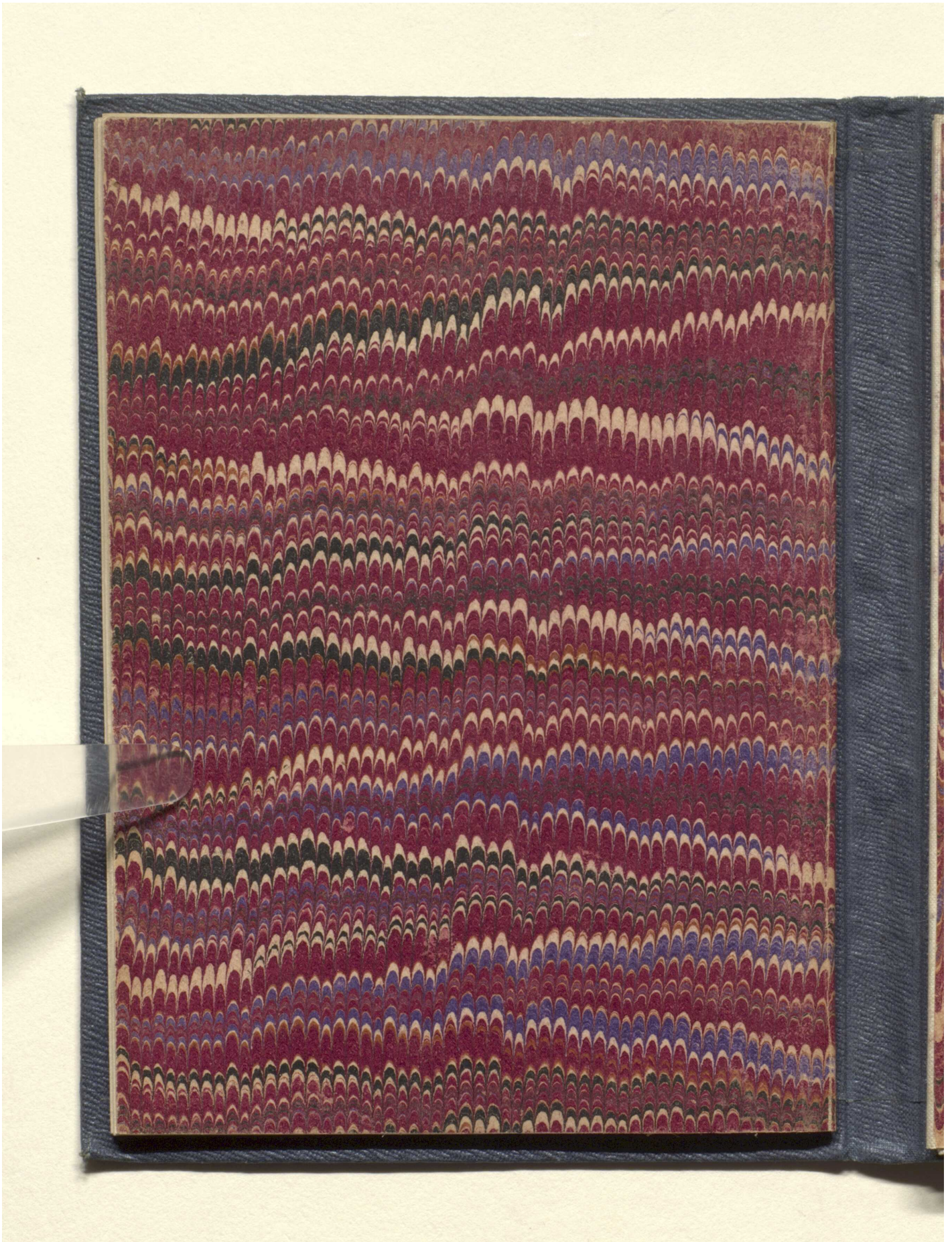
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'Persia, Afghanistan & Beluchistan' [26r] (1/2)



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