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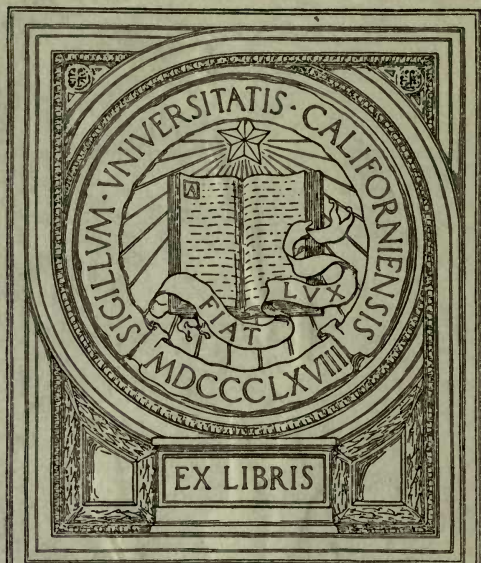
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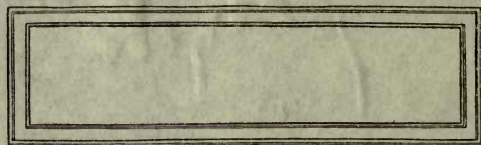
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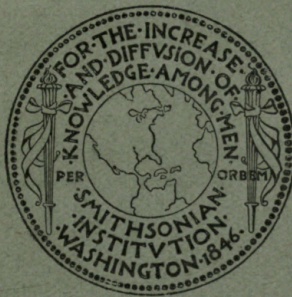
INDEXES

TO THE

LITERATURES OF CERIUM
AND LANTHANUM

BY

W. H. MAGEE, Ph. D.



CITY OF WASHINGTON
PUBLISHED BY THE SMITHSONIAN INSTITUTION

1895

INDEXES

SMITHSONIAN INSTITUTION.

TO THE

WASHINGTON CITY, *January, 1895.*

This work (No. 971), "INDEXES TO THE LITERATURES OF CERIUM AND LANTHANUM," by W. H. MAGEE, PH. D., forms part of Volume XXXVIII, Smithsonian Miscellaneous Collections. Other parts of the volume are in preparation.

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LETTER OF TRANSMITTAL.

NEW YORK, JULY 24, 1894.

The Committee of the American Association for the Advancement of Science having charge of Indexing Chemical Literature has voted to recommend to the Smithsonian Institution for publication the three following Indexes:—

AN INDEX TO THE LITERATURE OF CERIUM.

AN INDEX TO THE LITERATURE OF LANTHANUM.

Both by W. H. Magee, Ph. D.

AN INDEX TO THE LITERATURE OF DIDYMIUM.¹

By A. C. Langmuir, Ph. D.

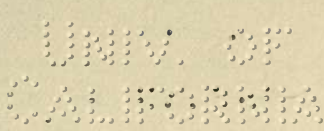
The latter has already appeared in the School of Mines Quarterly, No. 1, Vol. XV.

H. CARRINGTON BOLTON,

Chairman.

To the SECRETARY of the SMITHSONIAN INSTITUTION.

¹ This Index is printed as Smithsonian Publication No. 972.



INDEXES TO THE LITERATURES OF CERIUM AND LANTHANUM.

By W. H. MAGEE, PH. D.

INTRODUCTION.

THE following indexes to the literatures of cerium and lanthanum were prepared during the course of some work on the former element. They are not offered as being absolutely correct, but all the more important articles bearing upon the elements are certainly indexed, and usually the original article heads the list. In some few cases, however, it was difficult to determine the original. Whenever the journal was to be found on the library shelves the references were verified. No single library, however, contains all the journals to which references will be found.

That the indexing of chemical literature is of great and growing importance is evident; that the work should be as nearly perfect as possible is equally true. Yet few except those who have attempted the task realize the difficulty and labor involved. I would ask, therefore, as regards these indexes, that any one using them, and all chemists interested in the study of cerium and lanthanum, should send corrections and addenda to W. H. Magee, care of Professor L. M. Dennis, Cornell University, Ithaca, N. Y., so that after a few years perfectly correct indexes may be prepared.

The Indexes are arranged on the same plan as that of the Index to Uranium, published by Dr. H. Carrington Bolton in 1870, and followed by several other chemists. The abbreviations used are in the main those of the standard list printed in Bolton's Bibliography of Chemistry.

CORNELL UNIVERSITY,
ITHACA, N. Y., July 21, 1894.

Date.	Author.	Remarks.	References.
1751	CRONSTEDT . . .	Discovery of the mineral cerite.	Sv. Vet. Akad. Handl., 1751, 227. Ab. der Schwed. Akad. der Wiss., 1751, 235. Cronstedt Min., 1858, 183.
1784	BERGMANN and D'ELHUYAR.	Analysis of cerite (not correct).	Sv. Vet. Akad. Handl., 1784, 121.
1804	BERZELIUS and HISINGER.	Discovery of ceria in cerite.	Afhandl. i. Fys., Kemi och Min., 1, 58. A. Gehl, 2, 397. Ann. chim. phys., 50, 245. Phil. Mag., 1805, 20, 155.
1804	KLAPROTH . . .	Discovery of ceria as "Ochroiterde" in cerite.	Memoirs de l'Acad. de Berlin, 1804, 155. A. Gehl, 2, 303. Beitr., 4, 140. Ann. chim. phys., 49, 255. Phil. Mag., 19, 95. Karst. Min. Tab., 1808, 74.
1804	VAUQUELIN . . .	Review of Klaproth's work.	Ann. chim. phys., 50, 140. A. Gehl, 5, 189. Ann. de mus. d'hist. nat., 5, 412.
1805	Note on disc. of Berzelius and Klaproth.	Phil. Mag., 22, 174.
1805	VAUQUELIN . . .	Analysis of cerite and synthesis of cerium salts.	Ann. chim. phys., 54, 28. Phil. Mag., 22, 193.
1808	T. ALLEN	Supposition that allanite was gadolinite.	Edin. Roy. Soc. Proc., 6, 345.
1810	THOMSON	Analysis of allanite.	Edin. Roy. Soc. Proc., 6, 384. Schw. J., 13, 108. Ann. Phil., 2, 147. Jour. des Mines, 29, 159 ; 30, 281. Ann. der Phys., Gilb., 44, 123.
1810	HISINGER	Analysis of cerite.	Afhandl. i. Fys., Kemi och Min., 3, 283. Kongl. Vet. Acad. Handl., 1811.
1814	BERZELIUS and GAHN.	Discovery of ceria in the supposed yttria.	Afhandl. i. Fys., Kemi och Min., 4, 217. Schw. J., 16, 241. Ann. chim. phys. [1], 2, 431. Ann. des Mines [1], 2, 96.

Date.	Author.	Remarks.	References.
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1815	HISINGER	Analysis of allanite.	Afhandl. i. Fys., Kemi och Min., 4, 327.
1815	HISINGER	Atomic mass.	Afhandl. i. Fys., Kemi och Min., 4, 378. Ann. Phil., Nov., 1814. Ann. chim. phys., 94, 108. Schw. J., 17, 424.
1818	BERZELIUS . . .	On flussspatssyradt.	Afhandl. i. Fys., Kemi och Min., 6, 64.
1819	HISINGER	Analysis of cerite.	Ann. chim. phys. [1], 10, 27. Ann. des Mines [1], 5, 227.
1823	LEVY	On monazite.	Ann. Phil., 5, 241.
1823	BERZELIUS	Compounds with fluorine.	Sv. Vet. Akad. Handl., 1823, 284. Ann. der Phys., Pogg., 1, 28. Compt. Rend., 1825. Ann. des Mines [1], 12, 302.
1824	LEVY	On bucklandite.	Ann. Phil., 7, 134.
1824	GAY LUSSAC . .	Memoir of Laugier's work.	Ann. chim. phys. [1], 27, 314. Berz. Jsb., 5, 204.
1825	HADINGER . . .	On allanite.	Edin. Roy. Soc. Proc., 10, 271. Ann. des Phys., Pogg., 5, 157. Min. Mohs., 3, 68.
1825	BERZELIUS	Sulphide.	Sv. Vet. Akad. Handl., 1825, 11. Treatise on Chemistry, Ger. ed. v. Ann. des Phys., Pogg., 6, 456.
1825	BERZELIUS	On arsenico-sulpho salts.	Trans. de l'Acad. Roy. de Stockh., 1825. Ann. der Phys., Pogg., 7, 28 and 145. Ann. chim. phys. [2], 2, 60.
1825	BERZELIUS	On sulphomolybdo salts.	Ann. der Phys., Pogg., 7, 274. Ann. chim. phys. [2], 2, 407.
1826	LYNCHELL	Cerium in serpentine.	Sv. Vet. Akad. Handl., 1826, 181.
1826	BERZELIUS	Analysis of a cerium mineral.	Ann. chim. phys. [2], 1, 400.
1826	HEEREN	Cerium hypsulphite.	Ann. der Phys., Pogg., 7, 180.
1826	WÖHLER	Cerium in pyrochlore.	Ann. der Phys., Pogg., 7, 427. Leonhard's Ztschr. für Min., 1, 246.

Date.	Author.	Remarks.	References.
1826	BERZELIUS	Salts of cerium, and atomic mass.	Ann. der Phys., Pogg., 8, 186, 280, and 418.
1826	MOSANDER	Reduction of ceria, etc.	Sv. Vet. Akad. Handl., 1826, 299. Kast. Arch., 10, 470. Ann. der Phys., Pogg., 6, 470; 11, 406. Berz. Lehrb., 1826, 2, 416. Berz. Jsb., 1826, 7, 144. Phil. Mag. [2], 1, 71. Ann. des Mines [2], 5, 143.
1828	MARX	Crystal form of sulphate.	Schw. J., 52, 481. Berz. Jsb., 1830, 9, 179.
1829	BONSDORFF	Cerium-mercury-chloride.	Ann. der Phys., Pogg., 17, 247.
1829	BREITHAUPT	On monazite.	Schw. J., 55, 301.
1830	BERTHEMOT	Preparation of bromide.	Ann. chim. phys. [2], 44, 393.
1831	DUMAS	Traité de chimie, 3, 299.
1832	MOSANDER	Color of cerous salts.	Förhandl. vid de Skand. nat. forsk., 387.
1832	BEUDANT	On fluocerite.	Traité élémentaire de min., 2, 519.
1833	GÖBEL	Formate, reduction, carbide, etc.	Schw. J., 67, 78. Berz. Jsb., 1835, 15, 131.
1834	DEMARÇAY	Separation of Fe by BaCO ₃ .	Ann. Chem., Liebig, 11, 245.
1834	BERLIN	Diss. at Upsala. Berz. Jsb., 1838, 17, 221.
1834	STROMEYER	On allanite.	Götting. Anzeig., 1834, No. 75. Ann. der Phys., Pogg., 32, 288.
1835	PERSOZ	Removal of iron by CuO.	Ann. chim. phys. [2], 58, 202. J. prakt. Chem., 6, 49.
1835	HOLGER	Meteoric cerium.	Baumgärtner's Ztschr., 2, 293. Berz. Jsb., 15, 132.
1837	ROSE	Reis. Ural, 1, 432.
1837	SHEPARD	On edwardsite (monazite).	Am. J. Sci. [1], 32, 162. J. prakt. Chem., 12, 185.
1837	OTTO	Preparation of sulphate.	Ann. der Phys., Pogg., 40, 404. J. prakt. Chem., 11, 82. Ann. des Mines [3], 13, 448. Berz. Jsb., 1839, 18, 186.
1837	HELLER	Organic salts and solubility in alcohol.	J. prakt. Chem., 12, 227 and 238. Berz. Jsb., 1839, 18, 523.

Date.	Author.	Remarks.	References.
1838	HISINGER	Analysis of a cerium mineral.	Sv. Vet. Akad. Handl., 1838, 187.
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1839	ROSE	On tscheffkinite.	Reis. Ural, 1839, 2.
1839	MOSANDER . . .	Discovery of lanthanum in ceria.	Ann. der Phys., Pogg., 46, 648. Ann. der Phys., Pogg., 47, 207. Compt. Rend., 8, 356. Phil. Mag., 1839, 390. Ann. Chem., Liebig, 32, 235. Am. J. Sci. [1], 37, 192. J. prakt. Chem., 16, 513. Inst., 1839. Berz. Jsb., 1840, 19, 218.
1839	KERSTEN	Crystals of monazite.	Ann. der Phys., Pogg., 47, 210 and 385.
1840	SCHEERER	Analyses.	J. prakt. Chem., 22, 449. Ann. der Phys., Pogg., 51, 407 and 465. Ann. des Mines [4], 2, 449.
1840	ROSE	Monazite and edwardsite identical.	Ann. des Phys., Pogg., 49, 223.
1841	ERDMANN	On mosandrite.	Berz. Jsb., 1842, 21, 178.
1841	HUOT	On bastnäsite.	Huot Min., 1, 296.
1841	HERMANN	On uralorthite.	J. prakt. Chem., 23, 273. Jsb., 1847-48, 1175.
1842	MOSANDER	Discovery of didymium in ceria.	Förhandl. vid Skan. nat., July, 1842, 387. Ann. Chem., Liebig, 44, 125; 48, 210. Pharm. Centrbl., 1842, 793. J. de Pharm., 1843, 143. Berz. Jsb., 1844, 23, 144. J. Frank. Inst. [3], 5, 411. Am. J. Sci. [1], 43, 404. J. prakt. Chem., 30, 276. Phil. Mag. [3], 25, 241. Ann. der Phys., Pogg., 56, 503.
1842	BERINGER	Atomic mass and salts.	Ann. Chem., Liebig, 42, 134. Berz. Jsb., 1844, 23, 143 and 187. Phil. Mag. [3], 21, 278.
1842	SCHEERER	Analysis cerium minerals.	Article read at Stockholm, July 15, 1842.

Date.	Author.	Remarks.	References.
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1842	CHOUBINE	Tscheffkinite.	Annu. J. des Mines, Russ., 1842, 363. Berz. Jsb., 1847, 26, 373.
1843	HERMANN	Atomic mass.	J. prakt. Chem., 30, 184 and 193. Berz. Jsb., 1845, 24, 205.
1843	BONAPARTE . . .	Separation of didymium from cerium, etc.	Compt. Rend., 16, 1008. J. prakt. Chem., 29, 268. Berz. Jsb., 1845, 24, 115. Am. J. Sci. [1], 46, 206. Ann. der Phys., Pogg., 59, 623. Pharm. Centrbl., 1843, 719. Chem. Gaz., 1843, 405. Chemist, Watt, 4, 293.
1844	SCHEERER	Crystal form of allanite.	Ann. der Phys., Pogg., 61, 645.
1844	BREITHAUPT . .	Allanite-like mineral.	Ann. der Phys., Pogg., 62, 273. Jsb., 1847-48, 1177.
1844	ROSE	On tscheffkinite.	Ann. der Phys., Pogg., 62, 591.
1844	KERSTEN	On tscheffkinite.	Ann. der Phys., Pogg., 63, 135. Jsb., 1847-48, 1177.
1845	BUNSEN	On parasite discovered by Medici-Spada.	Ann. Chem., Liebig, 53, 147. Berz. Jsb., 1847, 26, 333.
1845	HAIDINGER . . .	On fluorcerite.	Handbuch d. Bes. Min., 1845, 500.
1846	FARADAY	Magnetism of cerium.	Phil. Trans., 1846, 46. Ann. der Phys., Pogg., 67, 440 ; 70, 33.
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1846	WÖHLER	On kryptolith.	Paper read at Göttingen, 1846. Ann. Chem., Liebig, 57, 268. Ann. der Phys., Pogg., 67, 427.
1847	BERLIN	Gadolinite and orthite.	Ofv. af. K. vet Akad. Förk., 2, 86. Berz. Jsb., 1847, 26, 368. Jsb., 1847-48, 1176.
1847	SVANBERG	Orthite.	Berz. Jsb., 1847, 26, 369.
1848	MARIGNAC	Atomic mass, etc.	Bib. Univ. de Genève, 1848. Arch. ph. nat., 8, 265. Ann. Chem., Liebig, 68, 212 and 258.

Date.	Author.	Remarks.	References.
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1848	KERNDT	Bodenite, etc.	J. prakt. Chem., 43, 219. Jsb., 1847-48, 1177.
1848	HERMANN	Analysis of mineral.	J. prakt. Chem., 43, 99.
1848	RAMMELSBERG .	Analysis of orthite.	N. Jen. Lit. Ztg., Nos. 230 and 305. Jsb., 1847-48, 1176.
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1849	WEIBYE	Johnstrupite.	Jsb. Min., 1849, 774.
1849	WATTS	Separation from lantha- num, etc.	J. Chem. Soc., 2, 131. Jsb., 1849, 264. Pharm. Centrbl., 1849, 892.
1849	E. J. CHIPMAN .	Crystals phos- pho-cerite.	J. Chem. Soc., 2, 154.
1849	MARX	Optical prop- erties of ceri- um sulphate.	Ann. der Phys., Pogg., 78, 273.
1849	S. MUSPRATT . .	Cerium sele- nite.	J. Chem. Soc., 2, 68. Jsb., 1849, 265.
1850	CREDNER	On allanite.	Ann. der Phys., Pogg., 79, 144.
1850	WEIBYE and BERLIN.	Tritomite.	Ann. der Phys., Pogg., 79, 299.
1850	HERMANN	Pyrochlore.	J. prakt. Chem., 50, 187.
1851	ROSE (G.)	Cerium in apatite.	Ann. der Phys., Pogg., 84, 303. Jsb., 1851, 812.
1851	C. T. JACKSON .	Disc'y of a cerium min- eral in Frank- lin, N. J.	Annual of Sci. Disc., 1851, 298.
1852	E. F. ZSCHAU . .	Orthite.	Jsb. Min., 1852, 660. Am. J. Sci. [2], 15, 441.
1852	ROSE (G.)	Crystal form of cerite.	Krystallochemisches Mineral- system, 1852, 85.
1852	SCHMIDT	Separ'n from iron.	Ann. Chem., Liebig, 83, 329. Jsb., 1852, 727.
1853	BLAKE	Mineral.	Am. J. Sci. [2], 16, 228. J. prakt. Chem., 60, 374. Jsb., 1853, 850.

Date.	Author.	Remarks.	References.
1853	BERLIN	Mosandrite.	Ann. der Phys., Pogg., 88, 156.
		Erdmannite.	Ann. der Phys., Pogg., 88, 162.
1853	KJERULF	Analysis of cerite.	Ann. Chem., Liebig, 87, 12. J. prakt. Chem., 60, 282. Jsb., 1853, 340 and 815.
1853	BUNSEN	Estimation by iodine.	Ann. Chem., Liebig, 86, 285. Pharm. Centrbl., 1853, 553. Ann. chim. phys. [3], 41, 350. J. Chem. Soc., 8, 232. Jsb., 1853, 340 and 626.
1854	DESCLOIZEAUX .	Crystal form wöhlerite.	Ann. chim. phys. [3], 40, 76.
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1854	J. Y. SIMPSON .	Medical use of cerium.	Monthly J. Med. Sci., Dec., 1854. Med. Times and Gaz., 2, 280. J. de Pharm., 1858. Pharm. J., 14, 376. Nyt. Mag., 8, 228.
1855	D. FORBES and T. DAHLL.	Analysis of alvite.	
1856	DAMOUR	Analysis of eucolite.	Compt. rend., 43, 1197.
1857	GLADSTONE . . .	Optical test for freedom from didymium.	J. Chem. Soc., 10, 219. J. prakt. Chem., 73, 380. Am. J. Sci. [2], 25, 100. Jsb., 1857, 568.
1857	DAMOUR and DESCLOIZEAUX.	Crystal form of monazite, etc.	Ann. chim. phys. [3], 51, 445. Ann. des Mines [5], 14, 352 and 403.
1857	NORDENSKIÖLD .	Orthite.	Act. Soc. Sci. Finn. Ann. der Phys., Pogg., 101, 635.
1858	ORDWAY	Cerous sulphate.	Am. J. Sci. [2], 26, 205. J. prakt. Chem., 76, 22. Jsb., 1858, 114.
1858	VERDET	Magnetic properties of cerium.	Ann. chim. phys. [3], 52, 158.
1858	HOLZMANN . . .	Cerium salts.	J. prakt. Chem., 75, 321. Bull. soc. chim., 1859, 241. Jsb., 1858, 134.
1858	BERGMANN . . .	Cerium in zircon.	Ann. der Phys., Pogg., 105, 121.
1858	CARIUS	Crystal measurement of Holzmann's salts.	J. prakt. Chem., 75, 352. Rep. chim., 1, 241. Chem. Gaz., 1859, 241.
1858	BUNSEN and JEGEL.	Atomic mass and salts.	Ann. Chem., Liebig, 105, 40. J. prakt. Chem., 73, 200. Chem. Centrbl., 1858, 282. Ann. chim. phys. [3], 52, 498.

Date.	Author.	Remarks.	References.
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1859	RAMMELSBURG .	Analysis of yttrotitanite.	Ann. der Phys., Pogg., 106, 296.
1859	RAMMELSBURG .	Analysis of cerite.	Ann. der Phys., Pogg., 107, 631. Ztschr. f. d. Ges. Nat., 15, 74. Jsb., 1859, 138. Jsb. Min., 1860, 232. Bull. soc. chim. [pure], 1860, 14.
1859	RAMMELSBURG .	Atomic mass, etc.	Monatsber. der König. Akad. der Wiss. zu Berlin, 1859, 359. Ann. chim. phys. [3], 58, 105. Ann. der Phys., Pogg., 108, 40. J. prakt. Chem., 77, 67. Chem. Gaz., 1859, 321. Jsb., 1859, 135. Chem. Centrbl., 1859, 507. Arch. Pharm. [2], 100, 16. Inst., 1859, 305.
1859	RAMMELSBURG .	Crystal form of double nitrates.	Ann. der Phys., Pogg., 108, 435.
1859	CZUDNOWICZ . .	Cerous salts.	J. prakt. Chem., 80, 16. Bull. soc. chim. [pure], 316. Chem. Centrbl., 1860, 1011. Ztschr. Chem. Pharm., 1860, 532. Jsb., 1860, 124.
1859	POTVKA	On tyrite.	Ann. der Phys., Pogg., 107, 590.
1859	MARIGNAC . . .	Compounds.	Ann. des Mines [5], 15, 275. Jsb., 1859, 137.
1859	STAPFF	Study of ox- ides.	J. prakt. Chem., 79, 257. Bull. soc. chim. [pure], 1860, 318. Chem. News, 2, 196. Jsb., 1860, 123.
1859	DESCLOIZEAUX .	Wöhlerite.	Ann. des Mines [5], 16, 229.
1860	NORDENSKIÖLD .	Hielmite.	Öfr. Ak. Stockh., 17, 34. Ann. der Phys., Pogg., 111, 278.
1860	RAMMELSBURG .	Analysis of allanite.	Min. Ch., 746.
1860	DAMOUR and DESCLOIZEAUX.	Optical properties of allanite, etc.	Ann. chim. phys. [3], 59, 357.
1860	MAYER	Cerium oxa- late.	Chem. News, 2, 27. Am. J. Pharm. [3], 8, 1. Prakt. Pharm., 9, 401. Am. Drug. Cir. and Ch. Gaz., 4, 32.

Date.	Author.	Remarks.	References.
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1860	NORDENSKIÖLD .	$Ce_2O_3 : CeO_2$	Ann. der Phys., Pogg., 114, 616. Öfv. Vet. Akad. Forhandl., 1860, 439. J. prakt. Chem., 85, 431. Pharm. Centrbl., 1862, 556. Jsb., 1861, 184.
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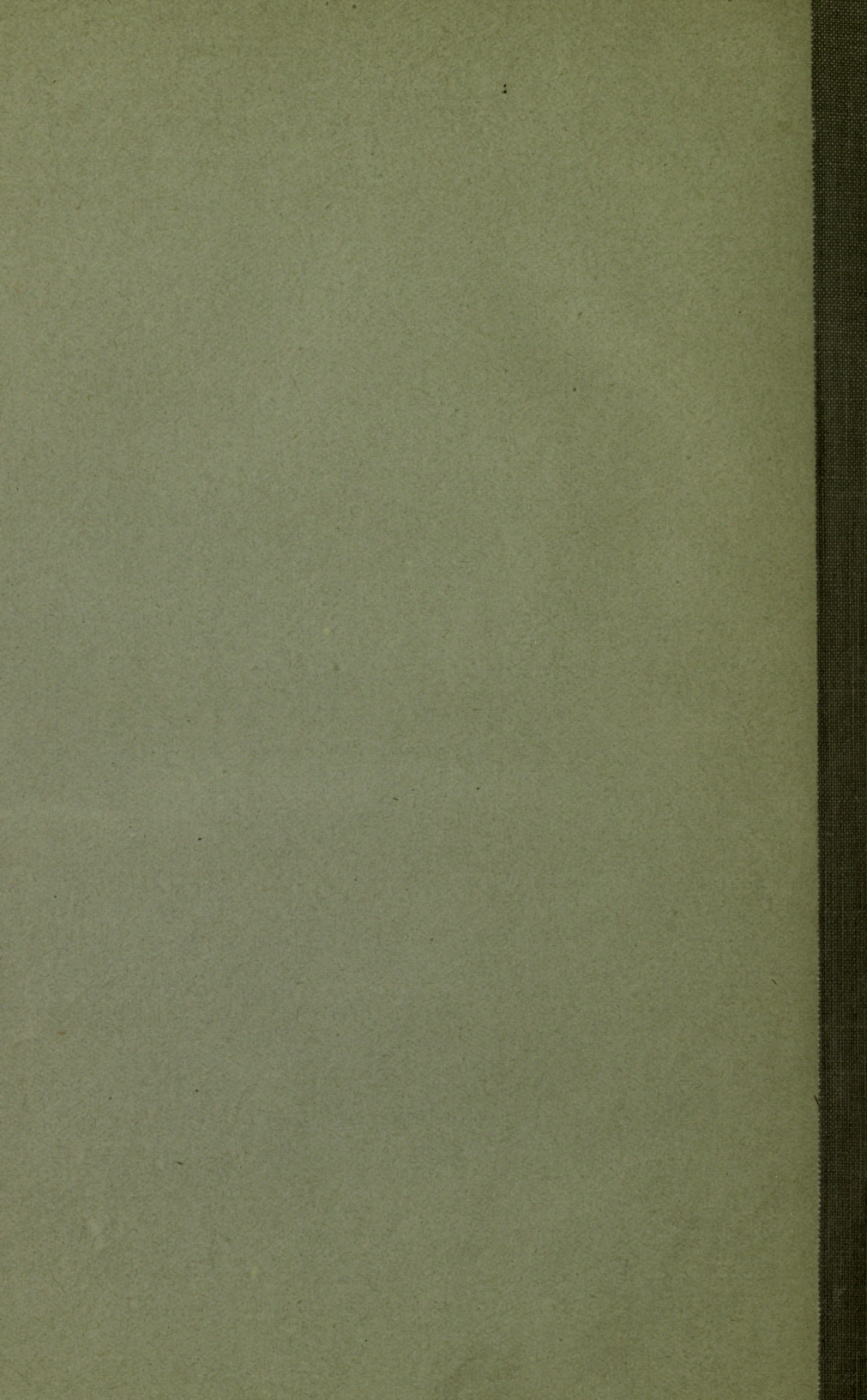
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