

THE MINERALOGICAL MAGAZINE

AND

JOURNAL OF THE MINERALOGICAL SOCIETY

No. 201

June, 1948

Vol. XXVIII

Catalogue of topographical mineralogies and regional bibliographies.

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[Read April 1, 1948.]

SOME time previous to 1894 the late Sir Henry A. Miers, then an Assistant in the Mineral Department of the British Museum, collected together all the books in the departmental library which gave a systematic account of the minerals of particular regions. Since then the set has been considerably added to, and it now forms a very valuable, probably unique, series. Its primary use was for the more precise labelling of the localities of specimens in the collection; and as it grew it became more and more useful for answering inquiries on the minerals of particular districts. In 1900 I started a note-book for collecting further references from the literature. This was added to by the late Mr. George Savigar, clerk in charge of the departmental library; and later Miss J. M. Sweet compiled a card-index of all the entries. The department also has card-indexes of the localities of mineral and rock specimens in the collection.

In the following list a selection has been made for general use of the more important of these works. Some early references and first editions are included as being of historical interest. With those of later date a reference is given to reviews in the *Mineralogical Magazine* (M.M.) and *Mineralogical Abstracts* (M.A.), from which some further information as to scope may be obtained. Much scattered information on the occurrences of minerals is contained in the publications of the Geological Surveys and Mines Departments of various countries. For example, 'The geology of Falmouth and Truro and of the mining districts of

Camborne and Redruth' (Mem. Geol. Surv. England and Wales, 1906, Explanation of Sheet 352) contains lists of minerals and mines and a detailed bibliography. Only a few such works have been listed when necessary to fill gaps: to include all would add unduly to the length of the list.

The geographical arrangement is based on that scheduled for the International Catalogue of Scientific Literature (1901-14), which has since been followed in the topographical indexes of Mineralogical Abstracts.

The bibliographies listed are mostly those relating to the geology of countries, but these include also mineralogy, petrology, and economic minerals. Only those covering longer periods of time (e.g. Finland 1555-1933) are included, to the exclusion of annual bibliographies.

GENERAL

LEONHARD (C. C.). Handbuch einer allgemeinen topographischen Mineralogie. 3 vols., 1508 pp. Frankfurt am Main, 1805-9.

LEONHARD (G.). Handwörterbuch der topographischen Mineralogie. 608 pp. Heidelberg, 1843.

RIEMANN (C.). Topographische Uebersicht der Mineralien. In Taschenbuch für Mineralogen, pp. 254-301. Berlin, 1877.

VERNADSKY (V. I.). ОПЫТ ОПИСАТЕЛЬНОЙ МИНЕРАЛОГИИ. [Essay on descriptive mineralogy.] Vol. 1, 5 pts. Leningrad, 1908 14. (Topographical mineralogy, pp. 717 739; Geographical index, pp. 813 839.)

BRENDLER (W.). Mineralien-Sammlungen. 2 vols. Leipzig, 1908-12. (Geographical index in vol. 2, pp. 547-696.)

KAISER (E.). Ortsregister zur Band I bis 55 der Zeitschrift für Kristallographie und Mineralogie. 522 pp. Leipzig, 1931. [M.A. 5 85.]

International catalogue of scientific literature, Mineralogy, vols. 1-14 (for 1901-14). London, 1903-17. (Geographical distribution.)

Mineralogical Magazine, General Index to vols. 11-20 (1895-1925). London, 1926. (Topographical index, pp. 1-22.)

Mineralogical Abstracts, vols. 1 9, 1920-46. (Topographical index in each volume.)

EUROPE

SLAVÍK (F.) & SPENCER (L. J.). Place-names of mineral-localities in central Europe. Min. Mag., 1928, vol. 21, pp. 441-479. (Alphabetical index of all the place-names in twelve languages in M.A. 3.)

Iceland (Ísland)

SCHUMACHER (C. F.), 1801. v. Denmark. SARTORIUS VON WALTERSHAUSEN (W.). Über die vulkanischen Gesteine in Sicilien und Island. 548 pp. Göttingen, 1853.

— Geologischer Atlas von Island. 25 pls. Erläuterungen, 65 pp. Göttingen, 1853.

GRATACAP (L. P.). The minerals of Iceland. Bull. New York Min. Club, 1907, vol. 1, no. 1, 9 pp.; reprinted in The Mineral Collector, New York, 1907, vol. 14, pp. 46-48, 61-63, 77-80.

Faeroes (Færøerne)

SCHUMACHER (C. F.), 1801. v. Denmark. ALLAN (T.). An account of the mineralogy of the Faroe Islands. Trans. Roy. Soc. Edinburgh, 1815, vol. 7, pp. 229-267, map (1 in. = 6 m.).

CURRIE (J.). The mineralogy of the Færøes, arranged topographically. Trans. Edinburgh Geol. Soc., 1907, vol. 9, pp. 1-68, map (1:800,000).

GÖRGEY (R.). Ein Beitrag zur topographischen Mineralogie der Færøer.

Neues Jahrb. Min., 1910, vol. 29, pp. 269-315, map (12 mm. = 10 km.).
RASMUSSEN (J.) Oversigt over den geologiske litteratur vedrørende Færøerne. Meddel. Dansk Geol. For., 1947, vol. 11 (for 1946), pp. 66-96.

Norway (Norge)

SCHUMACHER (C. F.), 1801. *v. Denmark.*
BROGGER (W. C.). Die Mineralien der Syenitpegmatitgänge der südnorwegischen Augit- und Nephelinsyenite. Zeits. Kryst. Min., 1890, vol. 16, 916 pp., 27 pls., 2 maps (1:50,000).
 — Die Eruptivgesteine des Kristiania-gebietes. 7 pts., 1487 pp., maps. Vid.-selsk. Skrifter, Kristiania, 1894-1933.
 — Die Mineralien der südnorwegischen Granitpegmatitgänge. I. Niobate, Tantalate, Titanate und Titanoniobate. *Ibid.*, 1906, no. 6, 162 pp., map (1:2,000,000).
 — **VOGT (T.)**, & **SCHETELIG (J.)**. Die Mineralien der südnorwegischen Granitpegmatitgänge. II. Silikate der seltenen Erden (Y-Reihe und Ce-Reihe). *Ibid.*, 1922, no. 1, 155 pp. [M.A. 2-25.]
BJØRLYKKE (H.). Feltspat V. Desjeldne mineraler på de norske granittiske pegmatittganger. Norges Geol. Undersök., 1939, no. 154, 78 pp. [M.A. 9-200.]
NEUMANN (H.). Silver deposits of Kongsberg. Norges Geol. Undersök., 1944, no. 162, 133 pp. [M.A. 9-200.]

Sweden (Sverige)

HISINGER (W.). Versuch einer mineralogischen Geographie von Schweden. Transl. by F. WÖHLER. 256 pp. Leipzig, 1826.
 — Handbok för mineraloger under resor i Sverige. 194 pp. Stockholm, 1843.
ERDMANN (A.). Försök till en geognostisk-mineralogisk beskrifning öfver Tunabergs socken i Södermanland. Svenska Vet.-Akad. Handl., 1843, pt. 2, 94 pp., maps. Transl. by F. Creplin in Neues Jahrb. Min., supplement, 1851.
IGELSTRÖM (L. J.). Mineralogisk vägvi-

sare in Wermland. 46 pp. Karlstad, 1871.

FLINK (G.). Bidrag till Sveriges mineralogi. 4 pts., 668 pp. Arkiv Kemi, Min. Geol., 1908-17, vol. 3 (nos. 11 & 35), vol. 5 (no. 10), vol. 6 (no. 21). [Ends abruptly in the middle of the silicates and never completed.]
 — Lista på mineral från Långban. Geol. För. Förh. Stockholm, 1921, vol. 43, pp. 195-201; 1922, vol. 44, pp. 535-539. [M.A. 2-261.]
 — Über die Långbansgruben als Mineralvorkommen. Zeits. Krist., 1923, vol. 58, pp. 356-385, maps. [M.A. 2-261.]
 — Långban and its minerals. Amer. Min., 1926, vol. 11, pp. 195-199. [M.A. 3-442.]
 — Bidrag till Malmbergsgruvornas och Kårnavaaras mineralogi. Vetensk. Prakt. Undersök. Lappland, 1924, Lapplandsgruvornas mineralogi, no. 7, 196 pp.
SJÖGREN (H.). Contributions to Swedish mineralogy. Bull. Geol. Inst. Univ. Upsala, 1893, vol. 1, pp. 1-64; 1895, vol. 2, pp. 37-108.
QUENSEL (P.) et al. Minerals of the Varuträsk pegmatite. Geol. För. Förh. Stockholm, 1937-46, vols. 59-68. (A series of 37 papers.) [M.A. 6-9.]

Denmark (Danmark)

SCHUMACHER (C. F.). Versuch eines Verzeichnisses der in den Dänisch-Nordischen Staaten sich findenden einfachen Mineralien. 180 pp. Kopenhagen, 1801. (Includes Norway, Faeroes, Iceland, and Greenland.)
BØGGILD (O. B.). Danmarks mineraler. Danmarks Geol. Unders., 1943, ser. 2, no. 71, 68 pp. (English summary, pp. 60-67.) [M.A. 9-202.]

Finland (Suomi)

NORDENSKIÖLD (N. G.). Bidrag till närmare kännedom af Finlands mineralier och geognosie. 107 pp. Stockholm, 1820.
NORDENSKIÖLD (N. A. E.). Beskrifning öfver de i Finland funna mineralier. 2nd edit., 182 pp. Helsingfors, 1863.

- MOBERG (A.). Några bidrag till kännedom af Finlands mineralier. Acta Soc. Sci. Fenn., 1856, vol. 4, pp. 579-606.
- HOLMBERG (H. J.). Mineralogischer Wegweiser durch Finnland. 76 pp. Helsingfors, 1857.
- LAITAKARI (A.). Über die Petrographie und Mineralogie der Kalksteinslagerstätten von Parainen (Pargas). Bull. Geol. Undersök. Finland, 1921, no. 54, 114 pp. [M.A. 1-211.]
- Geologische Bibliographie Finnlands 1555-1933. Bull. Comm. Géol. Finlande, 1934, no. 108, 224 pp. [M.A. 7-326.]

Russia (Россия)

- ROSE (G.). Mineralogisch-geognostische Reise nach dem Ural, dem Altai und dem Kaspischen Meere. 2 vols. Berlin, 1837-42.
- КОКШАРОВ (N. I.). Alphabetical list of minerals found in the Ural Mountains or on their flanks. Appendix E in R. I. MURCHISON *et al.* The geology of Russia, vol. 1, London & Paris, 1845.
- Materialien zur Mineralogie Russlands. 11 vols. St. Petersburg, 1853-94.
- VERNADSKY (V. I.). Опыт описательной минералогии. [Essay on descriptive mineralogy.] Vol. 1, 5 pts. Leningrad, 1908-14. (Geographical index pp. 813-839.) [M.M. 16-72.]
- ГОРБУНОВ (G.) & ШИШЕРВАКОВ (D. I.), editors. Неметаллические ископаемые СССР. [Non-metallic minerals, U.S.S.R.] Moscow (Acad. Sci.), 1936, vol 1, 591 pp.; 1943, vol. 2, 447 pp.
- ФЕРСМАН (A. E.). Драгоценные и цветные камни СССР. [Precious and coloured stones of U.S.S.R.] Vol. 2, Месторождения [Occurrences]. Leningrad, 1925. (9 maps; geographical index, pp. 369-378.) [M.A. 3-65.]
- Minerals of the Kola peninsula. Amer. Min., 1926, vol. 11, pp. 289-299. [M.A. 3-235.]
- & БОHNSTEDT (E. M.). Minerals of the Khibina and Lovozero tundras [Kola peninsula]. Lomonosov Inst.

- Acad. Sci. U.S.S.R., 1937, 152 pp. [M.A. 7-113.]
- ФЕРСМАН (A. E.) & ВЕТЕКНИН (A. G.). Минералогия Урала. [Mineralogy of the Urals.] Vol. 2, 414 pp., 81 pls. Moscow & Leningrad, 1941. [M.A. 9-145.]
- ЗАВАРИТЦЫ (A. N.). Geological and petrographical sketch of Ilmen mineralogical reservation and its mines. Main Dept. of Reservations, Moscow, 1939, 315 pp. (Russ.). [M.A. 10-122.]
- ПОРОВ (S. P.). Минералогия Крыма. [Mineralogy of Crimea.] 352 pp. Moscow & Leningrad, 1938. [M.A. 7-338.]
- ШИРВИНСКИЙ (P. N.). Полезные ископаемые Кубани и Черноморья [Useful minerals of Kuban and the Black Sea.] 232 pp. Rostov on Don, 1927. [M.A. 3-443.]
- ЛЕПРОУХ (A.). Note sur les principaux gisements minéraux de la région du Caucase. Ann. Mines, Paris, 1892, ser. 9, vol. 2, pp. 491-540.
- СОЛОВЬЕВ (M.). Liste des travaux relatifs à la minéralogie et géologie de l'Oural, de la région de la Peçora, de la toundre de Timan, des steppes kirghises et de la province de l'Oural. 57 pp. Ekaterinburg, 1908.
- ГОДЛЕВСКИЙ (M. N.) *et al.* Literature on crystallography and mineralogy for 1934 (U.S.S.R.). Mém. Soc. Russe Min., 1935, ser. 2, vol. 64, pp. 265-271. (Annual continuations.) [M.A. 6-254, 7-326.]

Poland (Polska)

- ЛАЗКЛЕВИЦ (A.). Mineralogia. 216 pp. Warszawa, 1936. [M.A. 6-385.]
- ДАНЫСЬ-ФЛЕШАРОВА (R.). La bibliographie géologique de Pologne, 1914-20. 24 pp. Géol. Surv. Pologne. (Annual continuations.) [M.A. 2-482.]
- СЛАВИК (F.) & СПЕНСЕР (L. J.), 1928, pp. 472-479. *v.* Europe.

Germany (Deutschland)

- МЕЙНЕКЕ (J. L. G.) & КЕФЕРШТЕЙН (C.). Mineralogisches Taschenbuch für Deutschland. Zum Behuf minera-

- logischer Excursionen und Reisen. 456 pp. Halle, 1820.
- DECHEN (H.). Die nutzbaren Mineralien und Gebirgsarten im Deutschen Reiche. 832 pp. Berlin, 1873. New edition by H. BÜCKING & W. BRUHNS, 878 pp., map. Berlin, 1906.
- RHINELAND AND WESTPHALIA
- DECHEN (H.). Geologische und mineralogische Litteratur der Rheinprovinz und Westphalen. 94 pp. Bonn, 1872.
- PUTSCH (A.). Die Mineralien der Eifel und der angrenzenden Gebiete. 131 pp. Diss. Aachen, 1905.
- BRAUNS (R.). Die Mineralien der Niederrheinischen Vulkangebiete. 225 pp. 4°, 40 pls. Stuttgart, 1922. [M.A. 2-24.]
- LASPEYRES (E. A. H.). Das Siebengebirge am Rhein. Verh. nat. Ver. Preuss. Rheinlande, 1900, vol. 57. 476 pp., map.
- HAEGE (T.). Die Mineralien des Siegerlandes und der angrenzenden Bezirke. 56 pp. Siegen, 1887.
- BADEN AND WÜRTEMBERG
- LEONHARD (G.). Die Mineralien Badens nach ihrem Vorkommen. 3rd edit., 65 pp. Stuttgart, 1876.
- OSANN (A.). Die Mineralien Badens. 247 pp., map. Stuttgart, 1927. [M.A. 3-347.]
- HENGLEIN (M.). Erz- und Minerallagerstätten des Schwarzwaldes. 204 pp. Stuttgart, 1924. [M.A. 2-431.]
- KNOP (A.). Der Kaiserstuhl im Breisgau. 546 pp., map. Leipzig, 1892.
- GUTEKUNST (K.). Geognosie und Mineralogie Württembergs. 3rd edit., 173 pp. Heilbronn, 1884.
- HESSE-NASSAU
- WENCKELBACH (F.). Übersicht über die in Nassau aufgefundenen einfachen Mineralien. Jahrb. Nassau. Ver. Naturk., 1879, vols. 21 & 22 (for 1878-9), pp. 147-219.
- HUNDT (G.). Verzeichnis der im Volksstaat Hessen vorkommenden Mineralien und ihrer Fundorte. Handbuch der hessischen Bodenschätze, Darmstadt, 1933, no. 2, 47 pp. [M.A. 5-487.]
- GREIM (G. H.). Die Mineralien des Grossherzogtums Hessen. 68 pp. Giessen, 1895.
- BECHER (J. P.). Mineralogische Beschreibung des Westerwalds. Schrift. Gesell. naturfor. Freunde, Berlin, 1787, vol. 7, 118 pp.
- Mineralogische Beschreibung der Oranien-Nassauischen Lande. 648 pp., map. Marburg, 1789. 2nd edit., 326 pp., map. Dillenburg, 1902.
- HARZ AND THURINGIA
- LUEDECKE (O.). Die Minerale des Harzes. 655 pp., 27 pls., map. Berlin, 1896.
- SCHULZE (E.). Lithia Hercynica: Verzeichnis der Mineralien des Harzes und seines Vorlandes. 208 pp. Leipzig, 1895. Nachträgen: Schrift. naturwiss. Ver. Harzes, Wernigerode, 1895, vol. 10, pp. 50-77.
- FROMME (J.). Die Minerale des Brockengebirges insonderheit des Radautales. 225 pp., 6 maps. Braunschweig, 1927. [M.A. 3-442.]
- SCHMIEDER (K. C.). Topographische Mineralogie der Gegend um Halle in Sachsen. 151 pp. Halle, 1797.
- FREYBERG (B.). Erz- und Minerallagerstätten des Thüringer Waldes. 198 pp., 12 maps. Berlin, 1923. [M.A. 2-431.]
- KLOOS (J. H.). Die Geologie, Mineralogie und Paläontologie des Herzogtums Braunschweig und der angrenzenden Landestheile mit Inbegriff des Harzgebirges. Jahresber. Ver. Naturwiss. Braunschweig, 1891, no. 6, pp. 65-250.
- BAVARIA (Bayern)
- Die nutzbaren Mineralien, Gesteine und Erden Bayerns. Vol. 1, 216 pp., 2 maps. München (Bayer. Geol. Landesuntersch.), 1924; vol. 2, 512 pp., 2 maps. München, 1936. [M.A. 2-431.]
- BESNARD (A. F.). Die Mineralien Bayerns nach ihren Fundstätten. 68 pp. Augsburg, 1854.

HORNBERG (—). Nachträge zu Dr. Besnard's Verzeichniss Baierischer Mineralien. Korresp. Blatt, Regensburg, 1854, pp. 161–164.

LAUBMANN (H.). Die Mineralagerstätten von Bayern r. d. Rh. 111 pp., map (1:1,000,000). München, 1924. [M.A. 2-430.]

GIEBE (P.). Übersicht der Mineralien des Fichtelgebirges und der angrenzenden fränkischen Gebiete. Geogn. Jahresh. München, 1894, vol. 7, pp. 1–56.

SCHMIDT (A.). Die Mineralien des Fichtelgebirges und des Steinwaldes. 84 pp. Bayreuth, 1903.

SANDBERGER (F.). Übersicht der Mineralien des Regierungsbezirks Unterfranken und Aschaffenburg. Geogn. Jahresh., 1892, vol. 4, pp. 1–34.

ROSENKRANZ (E.). Übersicht der Mineralien des Bayerischen Waldes und des Oberpfälzer Waldgebirges. 86 pp. Diss. Erlangen. München, 1907.

SAXONY (Sachsen)

FRENZEL (A.). Mineralogisches Lexicon für das Königreich Sachsen. 386 pp. Leipzig, 1874.

TETZNER (A.) & EDELMANN (F.). Neue sächsische Mineralvorkommen. Ergänzung zu Frenzel: „Mineralogisches Lexicon für das Königreich Sachsen“. Jahrb. Berg- u. Hüttenw. Sachsen, 1926, vol. 100, pp. A49–A72; 1927, vol. 101, pp. A70–A122. [M.A. 3-539.]

JENTZSCH (A.). Die geologische und mineralogische Literatur des Königreiches Sachsen. 132 pp. Leipzig, 1874.

PIETZSCH (K.). Die geologische Literatur über den Freistaat Sachsen aus der Zeit 1870–1920. Geol. Landesunters. Sachsens, 1922, 244 pp. [M.A. 2-482.]

JAHN (A.). Beiträge zur Mineralogie des Vogtlandes. Mitt. Vogtländ. Gesell. Naturfor., 1933, vol. 1, no. 8, pp. 9–18. [M.A. 5-487.]

SILESIA (Schlesien)

FIEDLER (H.). Die Mineralien Schlesiens mit Berücksichtigung der angrenzenden Länder. 106 pp. Breslau, 1863.

TRAUBE (H.). Die Minerale Schlesiens. 293 pp. Breslau, 1888.

WEST PRUSSIA

DAHMS (P.). Westpreussische Mineralien. Schr. naturfor. Gesell. Danzig, 1896, n. ser., vol. 9, pp. 64–92.

Belgium (Belgique)

RENARD (A. F.) & STÖBER (F.). Notions de minéralogie. Gand, 1900. [List of Belgian minerals and localities, pp. 359–366.]

MALAISE (G.). Manuel de minéralogie pratique. 4th edit. Bruxelles, 1913. [Localities of minerals in Belgium and Belgian Congo, pp. 577–600.]

CESÀRO (G.). Description des minéraux phosphatés, sulfatés et carbonatés du sol Belge. Mém. Acad. Belgique, 1898, vol. 53, no. 4, 136 pp.

BUTTGENEACH (H.). Description des éléments, des sulfures, chlorures, fluorures et des oxydes des métaux du sol Belge. Mém. Acad. Belgique, 1921, ser. 2, vol. 6, no. 4, 69 pp. [M.A. 1-239.]

— List des espèces minérales et de leurs formes cristallines trouvées en Belgique et au Congo Belge. Livre Jubilaire Soc. Géol. Belgique, 1925, vol. 3, pp. 7–49. [M.A. 3-29.]

— Les minéraux de Belgique et du Congo Belge. 590 pp., map (1:5,000,000). Liège, 1947.

Luxembourg (Luxembourg)

CLEMENT (C.). Aperçu général de la constitution géologique et de la richesse minérale du Luxembourg. 147 pp. Luxembourg, 1864.

British Isles

RASHLEIGH (P.). Specimens of British minerals. 2 pts., 90 pp., 54 col. pls. London, 1797, 1802.

SOWERBY (J.). British mineralogy. 5 vols., 1160 pp., 550 col. pls. London, 1804–17.

GREG (R. P.) & LETTSOM (W. G.). Manual of the mineralogy of Great Britain and Ireland. 496 pp. London, 1858.

SPENCER (L. J.). Supplementary list of British minerals. Rep. Brit. Assoc. Adv. Sci., 1899 (Bristol, 1898), pp. 875-877; Geol. Mag., 1899, dec. 4, vol. 6, pp. 75-77; Zeits. Kryst. Min., 1900, vol. 32, pp. 287-289.

— Second supplementary list of British minerals. Rep. Brit. Assoc. Adv. Sci., 1932 (London 1931), p. 378. [Supplementary to Greg & Lettsom, 1858.]

HALL (T. M.). The mineralogist's directory: or, a guide to the principal mineral localities in the United Kingdom of Great Britain and Ireland. 180 pp. London, 1868.

JOHNSTONE (A.). Mineralogical geology. 197 pp. Edinburgh & London, 1897.

RUDLER (F. W.). A handbook to a collection of the minerals of the British Isles . . . in the Museum of Practical Geology. . . . 251 pp. London, 1905.

NEIL (J. S.). British minerals and where to find them. 229 pp. London, 1907.

MIERS (H. A.). Some British pseudomorphs. Min. Mag., 1897, vol. 11, pp. 263-285.

ENGLAND AND WALES

PRYCE (W.). Mineralogia Cornubiensis. 383 pp. London, 1778.

HOGG (T.). A manual of mineralogy; in which is shown how much Cornwall contributes to the illustration of the science. 263 pp. Truro, 1826.

[LEIFCHILD (J. R.),] Cornwall: its mines and miners. 308 pp. London, 1855.

COLLINS (J. H.). A handbook to the mineralogy of Cornwall and Devon. 2 pts. 190 pp. Truro & London, 1871. [List of mines, &c., in pt. 1, pp. 46-70.]

— A list of minerals found in Cornwall and Devon, with notes supplementary to the author's 'Handbook'. Journ. Roy. Inst. Cornwall, 1911, vol. 18, pp. 425-461.

— Observations on the west of England mining region. Trans. Roy. Geol. Soc. Cornwall. 1912, vol. 14, 707 pp., 5 maps.

HALL (T. M.). On the mineral localities of Devonshire. Trans. Devon. Assoc.,

1868, vol. 2, pp. 332-346; 1869, vol. 3, pp. 75-78.

WOODWARD (H. B.). List of minerals found in Somersetshire. Geol. Mag., 1872, vol. 9, p. 129; Geology of east Somerset, Mem. Geol. Surv., 1876, pp. 176-177.

PERCEVAL (S. G.). Supplementary note [to H. B. Woodward]. Geol. Mag., 1873, vol. 10, p. 166.

— Catalogue of a collection of minerals in the Taunton Museum from the Brendon Hills and other localities in west Somerset. 36 pp. Bristol 1909.

GOUGH (J. W.). The mines of Mendip. 279 pp., 2 maps. Oxford, 1930. [M.A. 4-309.]

SPENCER (L. J.). New lead-copper minerals from the Mendip Hills (Somerset). Min. Mag., 1923, vol. 20, pp. 67-92.

KINGSBURY (A. W. G.). Mineral localities on the Mendip Hills. Min. Mag., 1941, vol. 26, pp. 67-80, map.

WOODWARD (C. J.). The minerals of the Midlands. Midland Nat., 1881-2, vol. 4, pp. 87-90, 112, 162-165, 183-186, 217-220, 257-260.

— Minerals of the Birmingham district. Brit. Assoc. Handbook, 1886, pp. 353-357.

MAWE (J.). Mineralogy of Derbyshire. 226 pp., map. London, 1802.

ADAM (W.). The gem of the Peak . . . review of the geology of Derbyshire; catalogue of minerals and rocks. 4th edit. 464 pp. London, 1845.

GOODCHILD (J. G.). Contributions towards a list of minerals occurring in Cumberland and Westmorland. 3 pts., 67 pp. Trans. Cumberland Assoc. Adv. Lit. Sci., 1882-5, nos. 7-9.

POSTLETHWAITE (J.). Mines and mining in the Lake District. 3rd edit., 176 pp., 2 maps. Whitehaven, 1913.

SMYTHE (J. A.). Minerals of the north country. (15 short papers.) Vasculum, Newcastle-upon-Tyne. 1921-27, vols. 7-14. [M.A. 3 24, 350; 4-178.]

NORTH (F. J.). The minerals of Glamorgan. Trans. Cardiff Nats. Soc., 1917, vol. 49, pp. 18-51. [M.A. 1-11.]

LAMPLUGH (G. W.). List of Manx minerals. Geology of the Isle of Man, Mem. Geol. Surv., 1903, pp. 572-574.

SCOTLAND

HEDDLE (M. F.), edited by GOODCHILD (J. G.). The mineralogy of Scotland. 2 vols., 461 pp., 120 pls. Edinburgh, 1901 [M.M. 13-194.] Reprinted, Edinburgh, 1928. [M.A. 3-24.]

— The county geognosy and mineralogy of Scotland. Min. Mag., 1874-84, vols. 2-5. [Shetlands, Orkneys, Caithness, Sutherland. Several maps, incl. Shetlands (1 in. = 2½ m.), Sutherland (1 in. = 2 m.).]

— Chapters on the mineralogy of Scotland. I-VIII. Trans. Roy. Soc. Edinburgh 1876-1900, vols. 27-30, 39. [M.M. 2-4.]

GOODCHILD (J. G.). The natural history of Scottish zeolites and their allies. Trans. Geol. Soc. Glasgow, 1903, vol. 12, supplement, 68 pp.

ARMSTRONG (J.), YOUNG (J.), & ROBERTSON (D.). Catalogue of western Scottish fossils. Brit. Assoc. Handbook, Glasgow, 1876. (List of minerals and rocks, pp. 156-164.)

SOMMERVILLE (J.) & THOMPSON (G. R.). The minerals of the Clyde drainage area. pp. 548-556 in ELLIOT (G.F.S.). Fauna, flora and geology of the Clyde area. Brit. Assoc. Handbook, Glasgow, 1901.

HOUSTON (R. S.). Notes on the mineralogy of Renfrewshire. Trans. Paisley Nat. Soc. 1912, vol. 1, 88 pp. [M.M. 16-306.]

BROWN (R.). The mines and minerals of Leadhills (and Wanlockhead). Trans. Dumfriesshire & Galloway Nat. Hist. Antiq. Soc., 1919, ser. 3, vol. 6, pp. 124-137; 1927, vol. 7, pp. 58-79. [M.A. 1-237, 4-468.]

KERR (W.). Preliminary list of minerals occurring in Perthshire. Trans. Perthshire Soc. Nat. Hist., 1904, vol. 4, pp. 25-27.

IRELAND

GIESECKE (C. L.). An Irish mineralogy; or, a list of simple mineral substances

hitherto discovered in Ireland. pp. 201-268 in A descriptive catalogue of . . . minerals in the Museum of the Royal Dublin Society. Dublin, 1832.

GRIFFITH (R. J.). Catalogue of the several localities in Ireland where mines or metalliferous indications have hitherto been discovered up to 1854, arranged in counties. 12 pp. Dublin, 1884; reprinted from Journ. Geol. Soc. Dublin, 1862, vol. 9, pp. 140-155.

KINAHAN (G. H.). Economic geology of Ireland. Journ. Roy. Geol. Soc. Ireland. 1887-9, vol. 8, pp. 1-514.

COLE (G. A. J.). Memoir and map of localities of minerals of economic importance and metalliferous mines in Ireland. Mem. Geol. Surv. Ireland, 1922, 155 pp., map (1 in. = 10 m.). [M.A. 2-23.]

SEYMOUR (H. J.). Preliminary list of minerals occurring in Ireland. Rep. Brit. Assoc. Adv. Sci., 1903 (Belfast, 1902), pp. 598-599; Geol. Mag., 1902, dec. 4, vol. 9, pp. 500-501; Irish Nat., 1902, vol. 9, p. 273.

— Supplementary list. Rep. Brit. Assoc. Adv. Sci., 1904 (Southport, 1903), p. 671.

— The geology of the country round Dublin. Mem. Geol. Surv. Ireland, 1903. (List of minerals with localities, pp. 130-132.)

— The geology of the country round Belfast. Mem. Geol. Surv. Ireland, 1904. (List of minerals with localities, p. 144.)

HAUGHTON (S.). On the mineralogy of the counties of Dublin and Wicklow. Sci. Proc. Roy. Dublin Soc., 1878, n. ser., vol. 1, pp. 183-189.

HAMILTON (W.). Letters concerning the northern coast of Antrim, containing a natural history of the basaltic rocks. 2nd edit., 265 pp., map. Belfast, 1822.

France

LACROIX (A.). Minéralogie de la France et de ses colonies. 5 vols., 3796 pp. Paris, 1893-1913. (Vol. 5, pp. 97-460, gives a detailed geographical

- index.) [M.M. 10-168, 11-218, 16-71, 17-125.]
- NOURY (C.). Géologie de Jersey. 185 pp., map. Paris & Jersey, 1886.
- MOURANT (A. E.) & WARREN (J. P.). Minerals and mining in the Channel Islands. Trans. Soc. Guernesiaise, 1934, vol. 12, pp. 73-88. [M.A. 6-153.]
- BRUN (P. de). Essai de minéralogie du département des Côtes-du-Nord. Bull. Soc. Sci. Méd. Ouest, Rennes, 1911, vol. 20, pp. 136-207.
- LIBERT (—) & MICIOL (—). Catalogue minéralogique et pétrologique du Finistère. Bull. Soc. Sci. Finistère, 1885, vol. 7, no. 2, pp. 41-60.
- LMUR (Comte de). Catalogue raisonné des minéraux de Morbihan. 111 pp. Vannes, 1883.
- BARET (C.). Minéralogie de la Loire-Inférieure. Bull. Soc. Sci. Ouest, Nantes, 1898, vol. 8, pp. 1-175, 19 pls.; 1905, ser. 2, vol. 5, pp. 69-133. (First edition, Nantes, 1885.)
- JACQUOT (A. E.). Description géologique et minéralogique du département de la Moselle. 497 pp., map. Paris, 1868.
- HOGARD (H.). Description minéralogique et géologique des régions granitiques et arénacée du système des Vosges. 439 pp., map. Épinal, 1837.
- HAMMER (F. L.). Minéralogie du département du Bas-Rhin. Bull. Soc. Sci. Bas-Rhin, Strasbourg, 1826, vol. 3, pp. 281-296.
- DELBOS (J.) & KOEHLIN-SCHUMBERGER (J.). Description géologique et minéralogique du département du Haut-Rhin. 2 vols., 1054 pp. Mulhouse, 1866-7.
- UNGEMACH (H.). Die Erzlagerstätten des Weiertales. Mitt. Geol. Landesanst. Elsass-Lothringen, 1907, vol. 6, pp. 48-31, map.
- DÜRR (L.). Die Mineralien der Markircher Erzgänge. Mitt. Geol. Landesanst. Elsass-Lothringen, 1907, vol. 6, pp. 183-247, map.
- BENECKE (E. W.) & ROSENBUSCH (H.). Chronologischer Überblick der mineralogischen und geologischen Litteratur. Specialkarte von Elsass-Lothringen, 1875, vol. 1, pp. 1-77.
- GONNARD (F.). Minéralogie des départements du Rhône et de la Loire. Ann. Univ. Lyon, 1906, n. ser., no. 19, 122 pp.
- DRIAN (A.). Minéralogie et pétrologie [*sic*] des environs de Lyon. 540 pp. Lyon, 1849.
- BOUILLET (J. B.). Topographie minéralogique du département du Puy-de-Dôme. 231 pp. Clermont-Ferrand, 1829. (Ann. Sci. Acad. Sci. Clermont-Ferrand, 1828-9, vols. 1-2.)
- GONNARD (F.). De la minéralogie dans le département du Puy-de-Dôme depuis Lecoq et Bouillet jusqu'en 1908. 47 pp. Lyon, 1908.
- Minéralogie du département du Puy-de-Dôme, 2nd edit., 200 pp. Paris & Lyon, 1876.
- DEMARTY (J.). Les pierres d'Auvergne employées dans la joaillerie, la tabletterie et les arts décoratifs. 64 pp. Paris & Chamalières, 1898.
- GROTH (P.). Die Minerallagerstätten des Dauphine. Sitz.-Ber. Akad. Wiss. München, 1886, for 1885, pp. 371-402.
- FALSAN (A.). Notice sur la géologie et la minéralogie du canton d'Hyères (Var). Mém. Soc. Agric. Lyon, 1863, ser. 3, vol. 3, pp. 400-459, map.
- FROSSARD (C. L.). Minéraux Pyrénées. Bull. Soc. Ramond, Bagnères-de-Bigorre, 1894, vol. 29, pp. 114-117; 1898, vol. 33, pp. 10-16.
- CAREZ (L.). La géologie des Pyrénées françaises. Mém. Serv. Carte Géol., 6 pts., 3900 pp., 13 maps, Paris, 1903-9. (Lists of minerals with localities: pt. 1, pp. 622-4; pt. 2, pp. 1063-72; pt. 3, pp. 1723-9; pt. 4, pp. 2463-9; pt. 5, pp. 3185-7; pt. 6, p. 2632.)
- GUEYMARD (E.). Voyage géologique et minéralogique en Corse . . . 1820-1. Edited by J. M. BONAVIDA for Soc. Sci. Hist. Nat. Corse. 159 pp. Bastia, 1883.
- CHABRAND (E.). Les gîtes miniers en Corse. 38 pp. Paris, 1884. (Ann. Indust.)

Spain (España)

- TENNE (A.) & CALDERÓN (S.). Die Mineralfundstätten der Iberischen Halbinsel. 353 pp. Berlin, 1902.
- CALDERÓN (S.). Los minerales de España. 2 vols., 985 pp. Madrid, 1910. [M.M. 16-72.]
- VALERO (I.). Minerales españoles de la colección del Colegio de Salvador. Bol. Soc. Aragon. Cienc. Nat. Zaragoza, 1907, vol. 6, pp. 62-85.
- FERNANDEZ NAVARRO (L.). Minerales de España existentes en el Museo de Historia Natural. Anal. Soc. Españ. Hist. Nat., 1893, vol. 22, pp. 109-113; 1894, vol. 23, pp. 39-43; 1895, vol. 24 pp. 83-101; 1898, vol. 27, pp. 133-137. [M.A. 2-484.]
- SCHUMACHER (F.), DANNENBERG (A.), & HARBORT (E.). Übersicht über die nutzbaren Bodenschätze Spaniens. Beihefte zur Internat. Bergwirtschaft, Leipzig, 1926, no. 1, 109 pp., map.
- MARÍN (D. A.). Recursos minerales de España. Bol. R. Soc. Geogr. Madrid, 1942, vol. 78, pp. 85-183, 234-283. [M.A. 8-354.]
- TOMÁS (L.). Els minerals de Catalunya. Treb. Inst. Catalana Hist. Nat. Barcelona, 1920, for 1919-20, pp. 129-357. [M.A. 2-116.]
- SULLIVAN (W. K.) & O'REILLY (J. P.). Notes on the geology and mineralogy of the Spanish provinces of Santander and Madrid. 200 pp. London, 1863. (Atlantis, vol. 4.)
- BOSCÁ Y SEYTRE (A.). Memoria mineralógico-minera de la provincia de Teruel. 95 pp. Teruel, 1912.
- BARRAS DE ARAGÓN (F. de las). Apuntes para una descripción geológico-mineralógica de la provincia de Sevilla. 359 pp. Palencia, 1899. (List of minerals, pp. 319-337.)
- CASTRO BAREA (P.). Minerales de Andalucía. Especies y localidades no citados, existentes en el Museo de Historia Natural de la Universidad de Sevilla. Bol. Soc. Españ. Hist. Nat., 1918, vol. 18, pp. 314-319. [M.A. 2-26.]

Portugal

- MÁRIO DE JESUS (A.), VIANA (A.), & CAVACA (R.). Minerais de Portugal continental. Publ. Museu Commercial, Lisboa, 1928, 29 pp.; 1930, pp. 33-112, 34 pls.; Comm. Serv. Geol. Portugal, 1930, vol. 16, pp. 51-152. [M.A. 5-269, 6-505.]
- GOMES (J. P.). Mineraes descobertos em Portugal. Comm. Dir. Trab. Geol. Portugal, 1893, vol. 3, pp. 99-209.
- BELLO (A. d'O.). Mineraux portugais. Bull. Soc. Portugaise Sci. Nat., 1909, vol. 2, pp. 272-280; 1910, vol. 4, pp. 68-77; 1913, vol. 6, pp. 90-103.

Italy (Italia)

- BOMBICCI (L.). Corso di mineralogia. Bologna, 1862-3. [Italian minerals, pp. 757-803.]
- JERVIS (W. P.). The mineral resources of central Italy. 132 pp. London, 1868.
- I tesori sotterranei dell' Italia. 4 vols., 2090 pp. Torino, 1873-89.
- REPOSSI (E.). La val d'Ala ed i suoi minerali. Riv. Sci. Nat. Pavia, 1919, vol. 10, pp. 89-132, map. [M.A. 1-13.]
- SENONER (A.). Enumerazione sistematica dei minerali delle provincie Venete. Atti Ist. Veneto Sci. Lett. Arti, 1862-3, ser. 3, vol. 8, pp. 5-34, 255-279, 489-515.
- BILLOWS (E.). Lessico mineralogico per la regione Veneta. 54 pp. Padova, 1919. [M.A. 1-236.]
- BOMBICCI (L.). Descrizione delle mineralogia generale della provincia di Bologna. 2 pts. Mem. Accad. Sci. Ist. Bologna, 1873, ser. 3, vol. 4, pp. 57-139; 1874, vol. 5, pp. 105-222.
- D'ACHIARDI (A.). Mineralogia della Toscana. 2 vols., 678 pp. Pisa, 1872-3.
- Bibliografia mineralogica, geologica e paleontologica della Toscana. 57 pp. Roma, 1875. (Reprint from Boll. Com. Geol. Ital., 1874-5.)
- MILLOSEVICH (F.). I 5000 Elbani del Museo di Firenze, contributo alla conoscenza della mineralogia dell' isola Elba. Publ. R. Ist. Studi Superiori, Firenze, 1914, 96 pp.

- FERSMAN (A. E.). Материалы къ минералогіи острова Эльбы. [Materials to the mineralogy of the island of Elba.] Bull. Soc. Nat. Moscou, 1910, n. ser., vol. 23 (for 1909), pp. 94-139. (German résumé, pp. 138-139.)
- STRÜVER (J. K. T.). Studi sui minerali del Lazio. Atti Accad. Lincei, 1876, ser. 2, vol. 3, pp. 93-111; Mem. Accad. Lincei, 1877, ser. 3, vol. 1, pp. 205-224.
- MONTICELLI (T.) & COVELLI (N.). Prodomo della mineralogia Vesuviana. 517 pp. Napoli, 1825.
- SCACCHI (A.). Catalogo dei minerali e delle rocce Vesuviane. Atti R. Ist. Incorag. Napoli, 1889, ser. 4, vol. 1, no. 5, 57 pp.
- ZAMBONINI (F.). Mineralogia Vesuviana. Atti Accad. Sci. Napoli, 1910, ser. 2, vol. 14, no. 6, 368 pp.; Supplement, *ibid.*, 1912, vol. 15, no. 12, 51 pp. 2nd edit. by E. QUERCIGH, *ibid.*, 1935, ser. 2, supplement to vol. 20, 463 pp. [M.A. 6-504.]
- JOHNSTON-LAVIS (H. J.). Bibliography of the volcanoes of southern Italy. 2nd edit., 398 pp. London, 1918. [M.A. 1-83.]
- SIGNORE (F.). Bibliografia italiana vesuviana dal 1845 ad oggi. Ann. R. Osservatorio Vesuviano, 1934, ser. 4, vol. 2, pp. 17-140. [M.A. 6-253.]
- SELLA (Q.). Studi sulla mineralogia Sarda. Mem. Accad. Torino, 1858, ser. 2, vol. 17, pp. 289-336.
- BILLOWS (E.). Lessico mineralogico per l'isola di Sardegna. 2nd edit., 115 pp. Cagliari, 1925. [M.A. 2-261.]
- TRAVERSO (G. B.). Sarrabus e suoi minerali. 73 pp. Alba, 1898.
- BORCH (M. J. de). Minéralogie sicilienne. 342 pp. Turin, 1780.
- SARTORIUS VON WALTERSHAUSEN (W.). Die Mineralien des Aetna. pp. 485-530, vol. 2, in *Der Aetna*. Leipzig, 1880.
- SLAVÍK (F.) & SPENCER (L. J.), 1928 (Trentino, pp. 465-467). *v. Europe*.
- Schweizerlandes. 201 pp., 2 maps. Bern, 1775.
- KENNGOTT (A.). Die Minerale der Schweiz nach ihren Eigenschaften und Fundorten. 470 pp. Leipzig, 1866.
- KOENIGSBERGER (J.). Über alpine Minerallagerstätten. Abh. Bayer. Akad. Wiss., 1917, vol. 28, no. 10, 35 pp., map; 1919, vol. 28, nos. 11 & 12, 131 pp., map. [M.A. 1-328.]
- NIGGLI (P.), KOENIGSBERGER (J.), PARKER (R. L.) *et al.* Die Mineralien der Schweizeralpen. 2 vols., 661 pp., 24 pls. Basel, 1940. [M.A. 8-49.]
- QUERVAIN (F. de) & GSCHWIND (M.). Die nutzbaren Gesteine der Schweiz. 468 pp. Bern, 1934. (List of minerals with localities, pp. 321-339.) [M.A. 6-3.]
- KÜNDIG (E.) & QUERVAIN (F. de). Fundstellen mineralischer Rohstoffe in der Schweiz. 198 pp., map (1:600,000). Bern, 1941. (Index of localities.) [M.A. 9-267.]
- DESBUISSONS (L.). La vallée de Binn (Valais). Étude géographique, géologique, minéralogique et pittoresque. 336 pp., 22 pls., 2 maps (1:60,000 & 1:120,000). Lausanne, 1909. [M.M. 15-328.]
- BADER (H.). Beitrag zur Kenntnis der Gesteine und Minerallagerstätten des Binnentals. Schweiz. Min. Petr. Mitt., 1934, vol. 14, pp. 319-441, map. [M.A. 6-154.]
- GÜBELIN (E.). Die Mineralien im Dolo-mit von Campolungo (Tessin). Schweiz. Min. Petr. Mitt., 1939, vol. 19, pp. 325-442. [M.A. 8-105.]
- JEANNET (A.). Bibliographie géologique de la Suisse pour les années 1921 à 1930. Mat. Carte Géol. Suisse, 1936, n. ser., no. 73. 508 pp. [M.A. 7-325.]

Austria (Oesterreich)

- ZEPHAROVICH (V.). Mineralogisches Lexicon für das Kaiserthum Oesterreich. 2 vols., 1005 pp. Wien, 1859-73. Vol. 3, 493 pp., by F. BECKE. Wien, 1893.

Switzerland (Helvetia)

- GRUNER (G. S.). Versuch eines Verzeichnisses der Mineralien des

MEIXNER (H.). Neue Mineralfunde in österreichischen Ostalpen. Mitt. Naturwiss. Ver. Steiermark, 1930-7, vols. 67-74 (A series of 9 papers with 93 items.) [M.A. 5-488; 6-355, 506; 7-115.]

— Zusammenstellung der Minerale der Ostmark. Ibid., 1939, vol. 75, pp. 113-129. [M.A. 10-118.]

SLAVÍK (F.) & SPENCER (L. J.), 1928. *v. Europe.*

UPPER AND LOWER AUSTRIA

COMMENDA (H.). Übersicht der Mineralien Oberösterreichs. 2nd edit., 72 pp. Linz, 1904. (Separate from Jahresber. Ver. Naturk. Oberösterreich, no. 32).

SIGMUND (A.). Die Minerale Niederösterreichs. 2nd edit., 258 pp. Wien & Leipzig, 1937. [M.A. 7-113.]

TYROL (Tirol)

DOBlickA (K.). Tirols Mineralien. 120 pp. Wien, 1852.

LIEBENER (L.) & VORHAUSER (J.). Die Mineralien Tirols nach ihren eigenthümlichen Vorkommen in den verschiedenen Fundort beschrieben. 315 pp. Innsbruck, 1852.

GASSER (G.). Die Mineralien Tirols einschliesslich Vorarlberg und der Hohen Tauern. 2nd edit., 561 pp., map. Innsbruck, 1913.

BROCCHI (G. B.). Memoria mineralogica sulla valle di Fassa in Tirol. 259 pp. Milano, 1811.

SALZBURG

KÖCHEL (L.). Die Mineralien des Herzogthumes Salzburg. 249 pp. Wien, 1859.

FUGGER (F. E.). Die Mineralien des Herzogthumes Salzburg. 132 pp., map. Salzburg, 1878. (Separate from Jahres-Ber. Ober-Realsschule Salzburg, no. 11.)

CARINTHIA (Kärnten)

HÖFER (H.). Die Mineralien Kärntens. Jahrb. nat.-hist. Landesmus. Klagenfurt, 1870, vol. 10, 84 pp.

BRUNLECHNER (A.). Die Minerale des Herzogthums Kärnten. 136 pp., map. Klagenfurt, 1884.

BRUNLECHNER (A.). Neue Mineralfunde in Kärnten. Jahrb. Landesmus. Kärnten, 1885, vol. 17, pp. 227-229; 1893, vol. 22, pp. 186-194.

STYRIA (Steiermark)

HATLE (E.). Die Minerale des Herzogthums Steiermark. 226 pp. Graz, 1885.

— Neue Beiträge. Mitt. naturwiss. Ver. Steiermark, 1889, pp. 29-46, 51-58.

— Fünfter Beitrag zur mineralogischen Topographie der Steiermark. Ibid., 1892, 16 pp.

AIGNER (A.). Die Mineralschätze der Steiermark. 299 pp., map. Wien & Leipzig, 1907.

Czechoslovakia (Československo)

ZEPHAROVICH (V.), 1859-93. *v. Austria.*
SLAVÍK (F.) and SPENCER (L. J.), 1928, pp. 447-459. *v. Europe.*

BOHEMIA (Čechy = Böhmen)

WRANY (A.). Die Pflege der Mineralogie in Böhmen. 429 pp. Prag, 1896.

KRATOCHVÍL (J.). Topografická mineralogie Čech.—Topographisches Mineralogie Böhmens. Vols. 1-4, 2026 pp., in Archiv pro Přírodovědecký Výzkum Čech, 1937-43, vols. 19-21. [M.A. 9-264.]

HIBSCH (J. E.). Erläuterungen zur geologischen Übersichtskarte des Böhmisches Mittelgebirges und der unmittelbar angrenzenden Gebiete. . . . 174 pp., 14 pls., map (1:100,000). Tetschen a. d. Elbe, 1926. [M.A. 3-277.]

— Die Minerale des Böhmisches Mittelgebirges. 206 pp. Jena, 1934. [M.A. 5-482.] Supplementary notes: Tschermaks Min. Petr. Mitt., 1937, vol. 49, pp. 442-458; 1939, vol. 50, pp. 487-488. [M.A. 7-336.]

VOGL (J. F.). Gangverhältniss und Mineralreichthum Joachimsthal. 205 pp., map. Teplitz, 1856.

JEŽEK (B.). Jáchymovské minerály. [The minerals of Jáchymov = Joachimsthal.] Hornický Věstník, Praha, 1927, vol. 28, pp. 525-527. [M.A. 3-443.]

KAŠPAR (J. V.). Mineralogie kladenských uhelných slojí. [Mineralogy of the coal measures of Kladno.] Knižovno Státního Geol. Ústavu Československé Republiky, 1939, vol. 20, 103 pp. [M.A. 7-336.]

SLAVÍK (F.). The minerals of Pířbram. Amer. Min., 1927, vol. 12, pp. 345-350. [M.A. 3-442.]

GERSTENDÖRFER (J.). Die Mineralien von Mies. Sitz.-ber. Akad. Wiss. Wien, 1890, vol. 99, Abt. I, pp. 422-465.

MORAVIA (Morava = Mähren)

SLAVÍK (F.). Zur Mineralogie von Mähren. Centralbl. Min., 1904, pp. 353-363.

ULIČNÝ (J.). Mineralogické paběrky ze západní Moravy. [Mineralogical notes from western Moravia.] Věstník Klubu Přírod. Praha, 1906, vol. 8 (for 1905), pp. 51-54.

RZEHAČ (A.). Ueber einige geologisch bemerkenswerte Mineralvorkommnisse Mährens. Verh. Naturfor. Ver. Brünn, 1910, vol. 48 (for 1909), pp. 163-194.

— Beiträge zur Kenntnis der Mineralien Mährens. Ibid., 1920, vol. 57, pp. 119-166.

SEKANINA (J.). Nerosty moravských pegmatitů. [The minerals of Moravian pegmatites.] Časopis Morav. Zem. Musea, Brno, 1928, vol. 26, pp. 113-212. German summary, pp. 213-224. [M.A. 4-42.]

KOLENATI (F. A.). Die Mineralien Mährens und Österreichisch Schlesiens, deren Fundorte und ökonomisch-technische Verwendung, 123 pp. Brünn, 1854.

KLVAŇA (J.). Nerosty Moravy a Slezska. [Minerals of Moravia and Czech Silesia.] 123 pp. Praha, 1882.

LAUS (H.). Die mineralogisch-geologische und prähistorische Literatur Mährens und Öster. Schlesiens von 1897-1904. Zeits. Mähr. Landesmus. Brünn, 1905, vol. 5, pp. 105-124.

SLOVAKIA (Slovensko)

SLAVÍK (F.). Nerostopis a ložiska užitekových minerálů Slovenska.

[Mineralogy and deposits of economic minerals of Slovakia.] Praha, 1939. 62 pp., 8 pls. (maps). [M.A. 9-203.]

Hungary (Magyarország)

TÓTH (M.). Magyarország ásványai. The minerals of Hungary, with special regard to the determination of their occurrences. 565 pp. Budapest, 1882.

ZIPSER (C. A.). Versuch eines topographisch-mineralogischen Handbuchs von Ungern [sic]. 471 pp. Ödenburg [Sopron], 1817.

BEUDANT (F. S.). Voyage minéralogique et géologique en Hongrie. 3 vols. & atlas. Paris, 1822.

FALLENBERG (E.). Die Mineralien der ungarischen und einiger siebenbürgischen Erzlagerstätten. pp. 92-205, pt. 3 in B. COTTA & E. FALLENBERG, Die Erzlagerstätten Ungarns und Siebenbürgens. Freiberg, 1862.

REICHERT (R.), ZELLER (T.), & KOCH (S.). Ásványhatározó. [Determination of minerals.] 226 pp. Budapest, 1931. [Mineral localities, pp. 155-209.] [M.A. 5-434.]

Bibliographia hungarica annorum 1916-1924. Földtani Közlöny, Budapest, 1925, vol. 54, pp. 227-256. [M.A. 3-231.]

ZEPHAROVICH (V.), 1859-93. v. Austria. SLAVÍK (F.) & SPENCER (L. J.), v. Europe.

Romania (România)

PONI (P.). Études sur les minéraux de la Roumanie. Ann. Sci. Univ. Jassy, 1900, vol. 1, pp. 15-148. [M.M. 13-207.]

— 2nd edit. by D. M. CĂDERE. Fapte pentru a servi la descrierea mineralogică a României. Mem. Sect. Ști. Acad. Română, 1925, ser. 3, vol. 3, no. 5, pp. 1-43; 1926, vol. 4, no. 2, pp. 11-47; 1927, vol. 4, no. 5, pp. 151-203; 1928, vol. 5, no. 6, pp. 161-204. [M.A. 3-278, 5-490.]

RICHARD (A. de). Richesses minérales de la Roumanie. 423 pp. Bucharest, 1899.

IANCOULESCO (A. P.). Les richesses minières de la nouvelle Roumanie. 380 pp. Paris, 1928.

- ACKNER (J. M.). Mineralogie Siebenbürgens, mit geognostischen Andeutungen. 406 pp., map. Hermannstadt, 1847, 1855.
- ZEPHAROVICH (V.), 1859-93. *v. Austria.*
- SLAVÍK (F.) & SPENCER (L. J.), 1928, pp. 467-472. *v. Europe.*

Yugoslavia (Jugoslavija)

- DOELTER (C.). Die Mineralschätze der Balkanländer und Kleinasien. 145 pp. Stuttgart, 1916. [M.A. 1-239.]
- PETROVIĆ (V. K.) & TOMIĆ (J. S.). Bibliographie géologique de la péninsule Balkanique, 1910-1918. Ann. Géol. Pépins. Balkan., 1922, vol. 7, pp. 127-166. [M.A. 2-100.]
- WRAY (D. A.). The geology and mineral resources of the Serb-Croat-Slovene state. 107 pp., map (1:1,500,000). London, 1921. [M.A. 1-329.]
- СОТТА (B.). Erzlagerstätten im Banat und in Serbien. 118 pp. Wien, 1864.
- IOVANOVIČH (D.). Les richesses minérales de la Serbie. I. Les gisements aurifères. 107 pp., map. Paris, 1907.
- ANTULA (D. J.). Преглед рудиншта у краљевини Србији за Париску изложбу 1900. 141 pp., map (4 sheets, 1:400,000), Београд [Belgrade], 1900. Translation for Paris Exhibition, 1900:—
- Revue générale des gisements métallifères en Serbie. 147 pp., map (4 sheets). Paris, 1900.
- Les richesses minérales de la Serbie. 32 pp. Marseille, 1910.
- KATZER (F.). Geologie Bosniens und Hercegovina. Vol. 1, 564 pp. Sarajevo, 1924-5. [M.A. 3-278.]
- VOSS (W.). Die Mineralien des Herzogthums Krain [= Kranjska = Carniola]. 101 pp., map Laibach [= Ljubljana], 1895. Separate from Mitt. Mus.-Ver. Krain, 1893, vol. 6, Abt. 2, pp. 97-146; 1894, vol. 7, Abt. 2, pp. 69-119.
- KIŠPATIĆ (M.). Rude u Hrvatskoj. [Ores in Croatia.] Rad Jugoslav. Akad. Znan. Umj., 1901, no. 147 (Matem.-Prirod. Razr., no. 30), pp. 1-104.

- SCHUBERT (R. J.). Geologija Dalmacije. 183 pp., 2 maps. Zadru, 1909.
- Geologischen Führer durch Dalmatien. 199 pp., map. Berlin, 1909.
- ZEPHAROVICH (V.), 1859-93. *v. Austria.*
- SLAVÍK (F.) & SPENCER (L. J.), 1928, pp. 460-465. *v. Europe.*

Bulgaria (България)

- WRAY (D. A.). The mineral resources of Bulgaria. Mining Mag. London, 1924, vol. 30, pp. 73-84, map. [M.A. 2-261.]
- COHEN (E. R.) *et al.* Основни на геологията на България.—Géologie de la Bulgarie. Sofia, 1946, 446 pp., 3 maps (1:1,000,000). (Mineral deposits, pp. 397-446; Bibliography, pp. 23-33.) [M.A. 10-288.]

(Greece (Ελλάς)

- ZENGHELIS (C. D.). Les minerais et autres minéraux utiles de la Grèce. V. Internat. Kongress Angewandte Chemie, Berlin, 1903, Verh. Sekt. III & IV, pp. 141-151, Berlin, 1904.
- WRAY (D. A.). Greece: its geology and mineral resources. Mining Mag. London, 1929, vol. 40, pp. 9-17, 85-90. [M.A. 4-180.]

Cyprus

- GENNADIUS (P.). Cyprus: mineral substances utilized in the arts, compiled from A. Gaudry's Géologie de l'île de Chypre and other sources. 19 pp. Nicosia, 1905.
- GAUDRY (J. A.). Géologie de l'île de Chypre. Mém. Soc. Géol. France, 1864, ser. 2, vol. 7, pp. 149-314.
- CULLIS (C. G.) & EDGE (A. B.). Report on the cupriferous deposits of Cyprus. 48 pp. London, 1922. [M.A. 2-549.]

ASIA

- LAUNAY (L. de). La géologie et les richesses minérales de l'Asie. 816 pp., 10 maps. Paris, 1911.
- TORGASHEFF (B. P.). The mineral industry of the Far East. 512 pp., maps. Shanghai, 1930. (China, Manchuria, Russian Far East, Japan, Korea, Formosa, with bibliographies.)

Transcaucasia

- GHAMBASHIDZE (D.). Mineral resources of Georgia and Caucasus. 182 pp., map. London & New York, 1919. [M.A. 1-2.]
- GODABRELIDZE (S. A.). Минеральные ресурсы ССР Грузии. [Mineral resources of Georgia.] 1166 pp., maps. Tiflis, 1933. [M.A. 8-106.]
- KARAJIAN (H. A.). Mineral resources of Armenia and Anatolia. 211 pp., maps. New York, 1920. [M.A. 2-387.]

Turkey

- DOELTER (C.). Die Mineralschätze der Balkanländer und Kleinasiens. 145 pp. Stuttgart, 1916. [M.A. 1-239.]
- PENZER (N. M.). The minerals of Anatolia. Mining Mag. London, 1919, vol. 21, pp. 76-81, 153-156, 218-221, 279-283, 337-343, 6 maps. [M.A. 1-335.]
- SCHRÖDER (A.). Türkiye'de şayanı dikkat bazı mineraller—Datensammlung der Mineralien aus der türkischen Republik. Maden Tetkik ve Arama Enstitüsü Mecmuası, 1941, vol. 6, pp. 208-214 (Turkish), pp. 214-221 (German). [M.A. 10-123.]

Syria, Palestine, Transjordan

- AUBERT DE LA RÜE (E.). Les gisements miniers et minéraux des états du Levant. Bull. Union Écon. Syrie, Paris, 1932, no. 17, 24 pp. [M.A. 5-273.]
- BLAKE (G. S.). Mineral resources of Palestine and Transjordan. 41 pp. Jerusalem, 1930. [M.A. 4-311.]
- Geology, soils and minerals of Transjordan. In. M. G. IONIDES, Report on the water resources of Transjordan. London, 1939, pp. 43-127, map (1:1,000,000). [M.A. 8-106.]

Siberia (Сибирь)

- Полезные ископаемые Казакстана. Материалы по библиографии за 1752-1929. [Useful minerals of Kazakhstan. Materials for a bibliography, 1752-1929.] Publ. All-Union Geol. Surv. Assoc., Moscow & Leningrad, 1931, 240 pp., map: [M.A. 5-249.]

- СОТТА (В.). Der Altai, sein geologischer Bau und seine Erzlagerstätten. 325 pp., map. Leipzig, 1871.
- ПІЛІПЕНКО (Р. Р.). Минералогія западного Алтая. [Mineralogy of the western Altai.] Bull. Tomsk Univ., 1915, no. 63, 763 pp. [M.A. 2-109.]
- ДРАВЕРТ (Р. Л.). СПИСОК МИНЕРАЛОВ Якутской области. [List of minerals of the Yakutsk district.] Protokol. Obshch. Estestv. Kazan, 1910, no. 254. 25 pp.
- ПОЛЕВОЙ (Р. И.). Полезные ископаемые Дальнего Востока. [Useful minerals of the Russian Far East.] Mat. Geol. Comm. Far East, Vladivostock, 1923, no. 27, 347 pp., 5 maps. [M.A. 2-386.]

Persia (Iran)

- TIETZE (E.). Die Mineralreichthümer Persiens. Jahrb. Geol. Reichsanst. Wien, 1879, vol. 29, pp. 565-658.
- RANGE (P.). Geologie und Mineralvorkommen von Persien. Zeits. Prakt. Geol. 1926, vol. 34, pp. 49-53, map. [M.A. 3-125.]
- DIEHL (E.). Beitrag zur Kenntnis der Erzfundstellen Irans. Schweiz. Min. Petr. Mitt., 1944, vol. 24, pp. 333-371, map (1:4,000,000). [M.A. 9-207.]
- LADAME (G.). Les ressources métallifères de l'Iran. Schweiz. Min. Petr. Mitt., 1945, vol. 25, pp. 165-303, map (1:6,380,000). [M.A. 10-124.]
- WILSON (N. W.). Iran and its mineral deposits. Mining Mag. London, 1946, vol. 74, pp. 277-289, maps. [M.A. 10-124.]

Afghanistan

- HERBORDT (O.). Ueber nutzbare Lagerstätten in Afghanistan. Zeits. Prakt. Geol., 1925, vol. 33, pp. 193-198, map. [M.A. 3-279.]
- SCHWARZ (V.). Erzvorkommen und nutzbare Mineralien Afghanistans. Oesterreich. Chem.-Ztg., 1925, vol. 28, pp. 186-188. [M.A. 3-125.]
- BRÜCKL (K.). Die Minerallagerstätten von Ostafghanistan. Neues Jahrb. Min., Abt. A, 1936, vol. 72, pp. 1-97. [M.A. 6-508.]

India

- BALL (V.). Economic geology. A manual of the geology of India, part 3, 683 pp. Calcutta, 1881.
- MALLET (F. R.). Mineralogy. *Ibid.*, part 4, 190 pp. Calcutta, 1887.
- KING (W.). Provisional index of the local distribution of important minerals, miscellaneous minerals, gem stones and quarry stones in the Indian Empire. *Rec. Geol. Surv. India*, 1889, vol. 22, pp. 237-286; 1890, vol. 23, pp. 120-203.
- BROWN (J. C.). India's mineral wealth. 345 pp., 6 maps. London, 1936. [M.A. 6-340.]
- WADIA (D. N.). Geology of India. 2nd edit., 480 pp., map (1 in. = 69 m.). London, 1939. [M.A. 7-313.]
- BADYAL (L. R.). A short description of the mineral resources of Jammu and Kashmir state. 19 pp. London, 1931. [M.A. 4-474.]
- RAO (B. R.). Mineral resources of Mysore. *Quart. Journ. Geol. Mining & Metall. Soc. India*, 1942, vol. 14, pp. 157-184. [M.A. 8-355.]
- DUNN (J. A.). The economic geology and mineral resources of Bihar province. *Mem. Geol. Surv. India*, 1942, vol. 78. 293 pp., map (1 in. = 10 m.). [M.A. 9-207.]
- HERON (A. M.). The mineral resources of Rajputana. *Trans. Mining Geol. Inst. India*, 1935, vol. 29, pp. 289-408. [M.A. 6-156.]
- OLDHAM (R. D.). Bibliography of Indian Geology to the end of 1887. 158 pp. *Geol. Surv. India*, 1888.
- LA TOUCHE (T. H. D.). Bibliography of Indian geology: with an annotated index of minerals of economic value. 2 vols., 1080 pp. *Geol. Surv. India*, 1917-18. Part II. Index of localities. 158 pp., 1921. Part III. Index of subjects. 348 pp., 1923. [M.A. 1-83, 2-481.]

Burma

- CHHIBBER (H. L.). The mineral resources of Burma. 335 pp., map (1 in. = 100 m.). London 1934. [M.A. 6-49.]

- CHHIBBER (H. L.). The geology of Burma. 564 pp., map. London, 1934. [M.A. 6-49.]
- PENZER (N. M.). The mineral resources of Burma. 183 pp., 6 maps. London 1922. [M.A. 2-23.]
- COTTER (G. de P.). The mineral deposits of Burma. 83 pp., map (1 in. = 32 m.). Rangoon, 1924.

Ceylon

- GRÜNLING (F.). Ueber die Mineralvorkommen von Ceylon. *Zeits. Kryst. Min.*, 1900, vol. 33, pp. 209-239, map. [M.M. 13-93.]
- COOMARASWAMY (A. K.). Bibliography of Ceylon geology. *Adm. Rep. Mineral Survey*, for 1906, 1907, pt. 4, pp. E10-E14.
- The rocks and minerals of Ceylon. *Spolia Zeylanica*, 1905, vol. 3, pp. 50-66.
- ADAMS (F. D.). A visit to the gem districts of Ceylon and Burma. *Bull. Canadian Inst. Mining Metall.*, 1926, no. 166, pp. 213-246. [M.A. 3-189.]
- The geology of Ceylon. *Canadian Journ. Research*, 1929, vol. 1, pp. 425-465, 467-511, map (1 in. = 13 m.). [M.A. 4-312.]
- COATES (J. S.). The geology of Ceylon. *Ceylon Journ. Sci. (Spolia Zeylanica)*, Sect. B, vol. 19, pp. 101-187, map (1 in. = 12 m.). [M.A. 6-156.]
- WADIA (D. N.). Rare earth minerals in Ceylon. *Rec. Dept. Mineralogy, Ceylon*, 1943, Prof. Paper no. 1, pp. 3-14. [M.A. 9-63.]
- Bibliography of Ceylon geology. *Ibid.*, pp. 33-38. [M.A. 10-48.]

Siam (Thailand)

- Les mines de Siam. *Bull. Musée Commerc. Bruxelles*, 1902, p. 1775.
- L'étain au Siam. *Ibid.*, 1903, pp. 1444-7.
- LOUIS (H.). The ruby and sapphire deposits of Moung Klung, Siam. *Min. Mag.*, 1894, vol. 10, pp. 267-272, map (1 in. = 7 m.).

Malaya

- WILLBOURN (E. S.). A list of minerals found in British Malaya. *Journ.*

Malayan Branch Roy. Asiatic Soc., 1925, vol. 3, pt. 3, pp. 57-100. [M.A. 3-126.]

SCRIVENOR (J. B.). The geology of the Malayan cre-deposits. 231 pp., 2 maps. London, 1928.

French Indo-China

DUPOUY (G.). Minerais et minéraux du Tonkin. (Contribution à l'étude de la minéralogie de l'Indo-Chine.) 163 pp., map. Paris, 1909.

— Études minéralogiques sur l'Indochine Française. 438 pp., 2 maps. Paris, 1913.

LACROIX (A.). Minéralogie de la France et ses colonies. (Index of mineral localities in Indochine française.) 1913, vol. 5, pp. 448-453.

BLONDEL (F.). Bibliographie géologique et minière de la France d'outre-mer. 2 vols., 1947 pp. Paris, 1941. [M.A. 10-46.]

East Indies (Indonesia)

VERBEEK (R. D. M.). Opgave van geschriften over geologie en mijnbouw van Nederlandsch Oost-Indië. Verh. Geol. Mij. Genootschap Nederland en Koloniën, Geol. Ser., The Hague, 1912, vol. 1, pp. 31-248; 1915, vol. 1, pp. 369-376.

HORSFIELD (T.). On the mineralogy of Java. Verh. Bat. Genootschap Kunst. en Wetenschap. Batavia, 1826, vol. 8, pp. 141-312.

LOOS (D. de). Gesteenten en mineralen van Nederlandsch Oost-Indië. Nederl. Maatschappij, Koloniaal Museum, Haarlem, [1890-93], nos. 1-4.

POSEWITZ (T.). Borneo: its geology and mineral resources. Transl. by F. H. HATCH. 527 pp., 4 maps. London, 1892.

GEIKIE (J. S.). A list of Sarawak minerals. Sarawak Mus. Journ., 1911, vol. 1, pp. 194-201.

CHEKNIK (G. P.). Sur la minéralogie de l'île de Borneo. (Russ.) Trav. Mus. Géol. Acad. Sci. St. Petersburg, 1912, vol. 6, pp. 49-96.

LIVERSIDGE (A.). Rocks and minerals from New Guinea, &c. Journ. Roy.

Soc. New South Wales, 1887, vol. 20 (for 1886), pp. 227-230. Reprinted in The minerals of N.S.W., 1888, pp. 248-252.

Philippine Islands

SMITH (W. D.), EDDINGFIELD (F. T.), & FANNING (P. R.). Preliminary check list of Philippine minerals. Min. Res. P. I. for 1913, 1914, pp. 56-71.

SMITH (W. D.). Geology and mineral resources of the Philippine Islands. 559 pp., 40 pls. (List of minerals, pp. 333-350.) Manila, 1924. [M.A. 4-181.]

China (Chungkwo)

WONG (W. A.). Mineral wealth of China. 129 pp., map. Shanghai, 1927.

AHNERT (E. E.). The mineral resources of north Manchuria. Mem. Geol. Surv. China, 1927, no. 7, 242 pp. (English), 107 pp. (Chinese), 9 maps. [M.A. 4-474.]

JUAN (V. C.). Mineral resources of China. Econ. Geol., 1946, vol. 41, pp. 399-474, maps. [M.A. 10-289.]

YOUNG (T. I.). Bibliography of Chinese geology up to 1934, 241 pp. Nat. Acad. Peiping, 1935.

CHI (Y. S.). Bibliography of Chinese geology for the years 1936-40. 153 pp. Nat. Geol. Surv. China, Pehpei, Chungking, 1942. [M.A. 9-10.]

WANG (C. Y.). Bibliography of the mineral wealth and geology of China. 63 pp. London, 1912.

OKAMOTO (Y.). Minerals of Taiwan (Formosa). Beitr. Min. Japan, 1912, no. 4, pp. 157-188. (Abridged transl. of Report on the study of minerals from Taiwan.) 128 pp. Taihoku, 1911.

Korea

INOUE (K.). Geology and mineral resources of Korea. Mem. Geol. Surv. Japan, 1907, vol. 1, no. 1, 97 pp., map (1:1,500,000).

FUKUCHI (N.). Mineralogy of Chōsen (Korea). Beitr. Min. Japan, 1915, no. 5, pp. 207-227. [M.A. 1-134.]

Minerals of Chôsen (Korea). Bull. Mineral Surv. Korea, 1923, no. 2, 104 pp. [M.A. 3-127.]

Japan (Nippon)

JIMBÔ (K.). Notes on the minerals of Japan. Journ. Sci. Coll. Univ. Tokyo, 1899, vol. 11, pp. 213-281. [M.M. 12-313.]

— A supplement to the list of Japanese minerals in Wada's 'Minerals of Japan'. Beitr. Min. Japan, 1915, no. 5, pp. 304-305. [M.A. 1-132.]

WADA (T.). Nippon kôbutsu shi. [Minerals of Japan.] 297 pp. (Japanese). Tokyo, 1904.

— Minerals of Japan. English transl. by T. OGAWA. 151 pp., 34 pls. Tokyo, 1904.

— Second edition by K. JIMBÔ, T. TAKIMOTO, & N. FUKUCHI. 480 pp., 8 pls. (Japanese). Tokyo, 1916. [M.A. 1-63.]

IMORI (S.) & YOSHIMURA (T.). Geographical distribution of certain minerals in Japan. Sci. Papers Inst. Phys. Chem. Res. Tokyo, 1929, vol. 10, supplement no. 9, pp. 5-46, map. [M.A. 5-272.]

Ito (T.). Japanese minerals in pictures. 'In four volumes', vol. 1, 166 pp. (Japanese), 14 pp. (English), 27 pls. Tokyo, 1937. [M.A. 7-219.]

— (editor). Beiträge zur Mineralogie von Japan. Neue Folge, 1935, vol. 1, 273 pp., 1 pl.; 1937, vol. 2, 180 pp., 8 pls., map (Japanese). [M.A. 6-157, 7-58.]

AFRICA

LAUNAY (L. de). Les richesses minérales de l'Afrique. 395 pp. Paris, 1903.

LACROIX (A.). Minéralogie de la France et ses colonies. Vol. 5, pp. 380-417 (Index of mineral localities). Paris, 1913.

BLONDEL (F.). Bibliographie géologique et minière de la France d'outre-mer. 2 vols., 1047 pp. Paris, 1941. [M.A. 10-46.]

Algeria

Notice minéralogique. Service des Mines, Algérie. 87 pp. Alger, 1904.

PAPIER (A.). Essai d'un catalogue minéralogique Algérien. Bull. Acad. d'Hippone, Bône, 1873, no. 11, 211 pp., 12 pls.

CHALON (P. F.). Les richesses minérales de l'Algérie et de la Tunisie. 99 pp., map. Paris, 1907.

DUSSERT (D.). Étude sur les gisements métallifères de l'Algérie. (Minerais autres que ceux du fer.) Ann. Mines, Paris, 1910, ser. 10, vol. 17, pp. 24-84, 91-203, 4 maps.

— & BÉTIER (G.). Les mines et les carrières en Algérie. Collection du centenaire de l'Algérie, 1830-1930. 411 pp., 56 pls., 24 maps & graphs. Paris, 1930. [M.A. 5-273.]

DALLONT (M.). Géologie appliquée de l'Algérie. Collection du centenaire de l'Algérie. 888 pp., 3 pls., 4 maps. Paris, 1939. [M.A. 9-64.]

Egypt

HUME (W. F.). Geology of Egypt. Vol. 2, pt. 3. The minerals of economic value. 412 pp., 3 maps (1:1,000,000). Cairo, 1937. [M.A. 7-57.]

KELDANI (E. H.). A bibliography of geology and related science concerning Egypt up to the end of 1939. Dept. Survey & Mines, Cairo, 1941, 457 pp.

Sudan

DUNN (S. C.). Notes on the mineral deposits of the Anglo-Egyptian Sudan. Bull. Geol. Surv. Sudan, 1911, no. 1, 70 pp., 2 maps.

ANDREW (G.). Sources of information on the geology of the Anglo-Egyptian Sudan. Ibid., 1945, no. 3, 36 pp., map. [M.A. 10-48.]

West Africa

KITSON (A. E.). Mineral resources of the Gold Coast. Bull. Geol. Surv. Gold Coast, 1925, no. 1, 56 pp., 13 pls.; Mining Mag. London, 1925, vol. 32, pp. 9-17. [M.A. 3-128.]

JUNNER (N. R.). Progress in geological and mineral investigation in the Gold Coast. Ibid., 1946, no. 16, 21 pp., 2 maps; Bull. Imp. Inst. London,

1946, vol. 44, pp. 44-65, 2 maps. [M.A. 10-289.]

JAMES (W. T.). A bibliography of Gold Coast geology, mining and archaeology. Bull. Geol. Surv. Gold Coast, 1937, no. 9, 57 pp. [M.A. 7-328.]

JUNNER (N. R.). Geology and mineral resources of Sierra Leone. Mining Mag. London, 1930, vol. 42, pp. 73-82. [M.A. 4-313.]

OBERMULLER (A.). Description pétrographique et étude géologique de la région forestière de la Guinée Française. Bull. Serv. Mines, Dakar, 1941, no. 5, 222 pp., 21 pls., 3 maps. [M.A. 9-64.]

LEGOUX (P.). Esquisse géologique de l'Afrique Occidentale Française. Bull. Serv. Mines, Dakar, 1939, no. 4, 139 pp., map (1:5,000,000). [M.A. 9-64.]

East Africa

The mineral deposits of Abyssinia. Bull. Imp. Inst. London, 1936, vol. 34, pp. 235-238. [M.A. 6-362.]

COUYAT (J.). Sur quelques gisements de minéraux de l'Érythrée italienne. Bull. Soc. Franç. Min., 1912, vol. 35, pp. 236-238.

AUBERT DE LA RÛE (E.). Contribution à l'étude minéralogique de la côte française Somalis. Compt. Rend. Acad. Sci. Paris, 1939, vol. 208, pp. 291-293. [M.A. 7-338.]

FARQUHARSON (R. A.). First report on the geology and mineral resources of British Somaliland. 53 pp., map. London, 1924; Mining Mag. London, 1926, vol. 34, pp. 265-276, 329-340. [M.A. 3-128.]

List of minerals known to occur in Uganda. Ann. Rep. Geol. Dept. for 1919-20, Entebbe, 1921, pp. 48-72. [M.A. 1-326.]

Bibliography of Uganda geological literature. Ibid., for 1933, Entebbe, 1934, pp. 82-88. [M.A. 6-255.]

TEALE (E. O.). Tanganyika Territory: its geology and mineral resources. Mining Mag. London, 1928, vol. 38, pp. 331-338; 1928, vol. 39, pp. 9-17, 75-82. [M.A. 4-182.]

— & OATES (F.). The mineral resources of Tanganyika Territory. Bull. Dept.

Lands & Mines, Geol. Div., 1943, no. 16, 200 pp., 4 pls. [M.A. 9-65.] 3rd edit., *ibid.*, 1946, no. 16, 183 pp., 2 maps (1:3,000,000 and 1:4,000,000). [M.A. 10-290.]

DIXEY (F.). Geology and mineral resources of Nyasaland. Mining Mag. London, 1926, vol. 34, pp. 201-212. [M.A. 3-129.]

Central Africa

Bibliographie géologique de l'Afrique centrale. Assoc. Serv. Géol. Africains. Paris & Liège, 1937, 298 pp. [M.A. 8-150.]

MALAISE (C.). Les espèces minérales du Congo Belge. pp. 577-597 in Manuel de minéralogie, 4th edit., Mons, 1913.

BUTTGEBACH (H.). Description des minéraux du Congo Belge. Ann. Mus. Congo Belge, 1910, no. 1, 36 pp. (fol.); Ann. Soc. Géol. Belgique, 1912, vol. 39, pp. 83-125; *ibid.*, 1913, vol. 40, pp. 31-70; *ibid.*, 1914, vol. 41, pp. 11-51; Mém. Acad. Belgique, 1921, ser. 2, vol. 6, no. 6, 33 pp.; *ibid.*, 1923, vol. 7, no. 6, 33 pp. [M.A. 1-250, 2-265.]

— Minéralogie du Congo Belge. Mém. Soc. Sci. Liège, 1926, ser. 3, vol. 13, no. 5, 183 pp., map (1:5,000,000). [M.A. 3-28.]

— Les minéraux de Belgique et du Congo Belge. 590 pp., map (1:5,000,000). Liège, 1947.

BEBIANO (J. B.). Geologia e riqueza minera de Angola. 128 pp., map (1:4,000,000). Lisboa, 1923. [M.A. 4-476.]

Rhodesia

MENNELL (F. P.). List of Rhodesian minerals. Ann. Rep. Rhodesia Mus., 1903, no. 1.

— The mineral wealth of Rhodesia. *Ibid.*, 1907, no. 5, pp. 17-56.

ZEALLEY (A. E. V.). Minerals of Rhodesia. Ann. Rep. Rhodesia Mus., 1910, no. 8, pp. 31-33.

Minerals from Rhodesia. Bull. Imp. Inst. London, 1918, vol. 16, pp. 456-476.

- BARLOW (N. E.). A list of minerals known to occur in Southern Rhodesia. Occasional Papers, Rhodesia Mus., 1934, no. 3, pp. 41-48. [M.A. 6-159.]
- DEANS (T.). The mineral resources of Northern Rhodesia. Bull. Imp. Inst. London, 1942, vol. 40, pp. 295-306. [M.A. 8-355.]

South Africa

- The mineral resources of the Union of South Africa. With a summary of the mineral resources of South West Africa. Pretoria (Geol. Surv.), 1940, 3rd edit., 544 pp., 6 maps (1:7,500,000). [M.A. 6-508, 8-246.]
- WILMAN (M.). Catalogue of printed books, papers and maps relating to the geology and mineralogy of South Africa to December 31, 1904. Trans. S. African Phil. Soc., 1905, vol. 15, pp. 283-467.
- HALL (A. L.). A bibliography of South African geology to the end of 1920: author's index. Mem. Geol. Surv. S. Africa, 1923, no. 18, 271 pp. Subject index. *Ibid.*, 1924, no. 22, 380 pp. [M.A. 2-99, 481.]
- Ditto. Years 1921-25. Authors. *Ibid.*, 1927, no. 25, 111 pp.
- Ditto. Years 1926-30. Authors. *Ibid.*, 1931, no. 27, 154 pp.
- Ditto. Years 1931-35. Authors. *Ibid.*, 1937, no. 30, 160 pp.
- Ditto. Years 1921-35. Subject index. *Ibid.*, 1939, no. 37, 288 pp. [M.A. 9-10.]
- WILSON-MOORE (C.) & WILMER (W. H. C.). The minerals of southern Africa. 119 pp. Johannesburg, 1893.
- DU TOIT (A. L.). Geology of South Africa, 551 pp., 41 pls., map (1:5,000,000). Edinburgh & London, 1939. [M.A. 7-368.]
- HATCH (F. H.). Report on the mines and mineral resources of Natal. 167 pp., 2 maps. London, 1910.
- WAGNER (P. A.). The geology and mineral industry of South-West Africa. Mem. Geol. Surv. S. Africa, 1916, no. 7, 135 pp. (English), 131 pp. (Afrikaans), 41 pls., map. [M.A. 1-238.]

- FROMMURZE (H. F.), GEVERS (T. W.), & ROSSOUW (P. J.). The geology and mineral deposits of the Karibib area, South West Africa. Geol. Surv. S. Africa, 1942, sheet 79, 172 pp., 14 pls., map (1 in. = 2 m.). [M.A. 8-356.]

Madagascar

- LACROIX (A.). Minéralogie de Madagascar. 3 vols. (4^c), 1799 pp., 54 pls., map (1:3,500,000). Paris, 1922-23. [M.A. 1-326; 2-108, 146.]
- LEVAT (D.). Richesses minérales de Madagascar. 375 pp., map. Paris, 1912.
- MERLE (A.). Les richesses minérales de Madagascar. 54 pp., map. Paris, 1908.

NORTH AMERICA

- ROBINSON (S.). A catalogue of American [U.S.A. & Canada] minerals, with their localities. 322 pp. Boston, Mass., 1825.
- DANA (J. D.). Catalogue of American [U.S.A. & Canada] localities of minerals. System of mineralogy, 6th edit., 1892, pp. 1053-1104. [Earlier lists in 2nd-5th editions, 1844-1868.]
- KUNZ (G. F.). Gems and precious stones of North America. 367 pp., 24 pls. New York, 1890. [M.M. 9-197.]
- NICKLES (J. M.). Geologic literature on North America 1785-1918. Bull. U.S. Geol. Surv., 1923-24, nos. 746 and 747, 1825 pp. [M.A. 2-480.] (Other annual or biennial numbers since 1891; Greenland, West Indies, &c., are included.)
- THOM (E. M.). Bibliography of North American geology 1829-39: Part 1, bibliography, Part 2, index. Bull. U.S. Geol. Surv., 1944, no. 937, 1546 pp. [M.A. 10-49.]

Canada

- Contributions to Canadian mineralogy. Univ. Toronto Studies, Geol. Ser., 1921-→(Index 1921-37, 1937, no. 40, pp. 161-170; 1938-43, 1943, no. 48, pp. 125-131.) [M.A. 1-279.]
- HOFFMANN (G. C.). Annotated list of minerals occurring in Canada. Trans.

Roy. Soc. Canada, 1889, vol. 7, sect. 3, pp. 65-105.

JOHNSTON (R. A. A.). A list of Canadian mineral occurrences. Mem. Geol. Surv. Canada, 1915, no. 74, 278 pp.

MOORE (E. S.). Canada's mineral resources. 316 pp., 14 pls. (maps). Toronto, 1929. [M.A. 4-195.]

NEWFOUNDLAND

SNELGROVE (A. K.). Mines and mineral resources of Newfoundland. Newfoundland Geol. Surv., 1938, Information Circular, no. 4, 169 pp., 22 pls. [M.A. 7-117.]

NOVA SCOTIA

HOW (H.). The mineralogy of Nova Scotia. 223 pp. Halifax, N.S., 1869.

GILPIN (E.). The minerals of Nova Scotia. 78 pp., map. Halifax, N.S., 1901.

QUEBEC

Geological sketch and economic minerals of the province of Quebec, Canada. 92 pp., map. 2nd Empire Mining and Metall. Congress, Quebec, 1927.

DRESSER (J. A.) & DENNIS (T. C.). La géologie de Québec. Vol. 1, Bibliographie et index, 180 pp. Serv. Mines Québec, 1941. [M.A. 9-10.]

ONTARIO

MILLER (W. G.). Minerals of Ontario. Ann. Rep. Ontario Dept. Mines, 1900, vol. 9, pp. 192-212.

THOMSON (J. E.). Mineral occurrences in north Hastings area. Ibid., 1943, vol. 52, pt. 3, 84 pp., map (1:126,720). [M.A. 9-269.]

MANITOBA

WALLACE (R. C.). Mineral resources of Manitoba. 48 pp., 5 pls., map. Winnipeg, 1925. [M.A. 3-129.]

GOODWIN (W. L.). Geology and minerals of Manitoba. 271 pp., maps. Garden-ville, Quebec, 1930. [M.A. 5-92.]

ALBERTA

ALLAN (J. A.). First annual report on the mineral resources of Alberta.

104 pp. Edmonton, 1920; Second . . ., 152 pp., map, 1921.

BRITISH COLUMBIA

DAWSON (G. M.). The mineral wealth of British Columbia, with an annotated list of localities of minerals of economic value. 163 pp. Ann. Rep. Geol. Surv. Canada, 1887, vol. 3, pt. 2, report R, pp. 1 r-163 r.

NORTHWEST TERRITORIES

LORD (C. S.). Mineral industry of the Northwest Territories. Mem. Geol. Surv. Canada, 1941, no. 230, 142 pp. [M.A. 8-246.]

ARCTIC CANADA

ROBINSON (J. L.). Mineral resources and mining activity in the Canadian eastern Arctic. Canadian Geogr. Journ., 1944, vol. 29, pp. 55-75. [M.A. 9-67.]

United States

ALASKA

SMITH (P. S.) *et al.* Mineral resources of Alaska, report on progress in 1926. Bull. U.S. Geol. Surv., 1929, no. 797, 227 pp., 6 maps.

BUDDINGTON (A. F.) & CHAPIN (T.). Geology and mineral deposits of southeastern Alaska. Ibid., 1929, no. 800, 408 pp., 2 maps.

ARIZONA

BLAKE (W. P.). Minerals of Arizona: their occurrence and association. 64 pp. Tucson, 1909.

GUILD (F. N.). The mineralogy of Arizona. 103 pp. Easton, Penn., 1910. [M.M. 16-73.]

GALBRAITH (F. W.). Minerals of Arizona. Bull. Arizona Bur. Mines, 1941, no. 149 (Geol. Ser., no. 15) = Bull. Univ. Arizona, vol. 12, no. 3, 82 pp. [M.A. 8-231.] Second edit., *ibid.*, 1947, no. 153, 101 pp. [M.A. 10-291.]

WILSON (E. D.). Bibliography of the geology and mineral resources of Arizona. Bull. Arizona Bur. Mines, 1939, no. 146 (Geol. Ser., no. 13) = Bull. Univ. Arizona, vol. 10, no. 2, 164 pp. [M.A. 9-11.]

CALIFORNIA

- HANKS (H. G.). Catalogue and description of the minerals of California. 4th Ann. Rep. State Mineralogist, 1884, pp. 61-398.
- AUBURY (L. E.). Gems, jewellers' materials, and ornamental stones of California. Bull. Calif. Mining Bur., 1905, no. 37, 171 pp., col. pls.
- EAKLE (A. S.). Minerals of California. Bull. Calif. Mining Bur., 1914, no. 67, 226 pp.; 2nd edit., *ibid.*, 1923, no. 91, 328 pp. [M.A. 3-29.]
- PABST (A.). Minerals of California. Bull. Div. Mines Calif., 1938, no. 113, 344 pp. [M.A. 7-220.]
- MURDOCH (J.) & WEBB (R. W.). Notes on some minerals from southern California. Amer. Min., 1938, vol. 23, pp. 349-355; 1940, vol. 25, pp. 549-555; 1942, vol. 27, pp. 323-330. [M.A. 7-549, 8-233, 9-67.]

CONNECTICUT

- SCHAIERER (J. F.). The minerals of Connecticut. Bull. State Geol. Nat. Hist. Surv. Connecticut, 1931, no. 51, 121 pp. [M.A. 5-92.]

DISTRICT OF COLUMBIA

- ULKE (T.). Minerals of the District of Columbia and vicinity. Rocks and Minerals, Peekskill, N.Y., 1936, vol. 11, pp. 26-28; 1940, vol. 15, p. 81. [M.A. 6-362, 7-550.]

GEORGIA

- MCCALLIE (S. W.). A preliminary report on the mineral resources of Georgia. Bull. Geol. Surv. Georgia, 1910, no. 23, 208 pp., 2 pls., 2 maps.

IDAHO

- SHANNON (E. V.). The minerals of Idaho. Bull. U.S. National Mus., 1926, no. 131, 483 pp., 19 pls. [M.A. 3-130.]

ILLINOIS

- Publications on the geology, mineral resources, and mineral industries of Illinois. State Geol. Surv. Illinois, 1941, 102 pp. [M.A. 9-11.]

- CROOK (A. R.). The mineralogy of the Chicago area. Bull. Chicago Acad. Sci., 1902, no. 5, 57 pp., 10 pls.

INDIANA

- LOGAN (W. N.). Economic geology of Indiana. Pt. 5, pp. 571-1058, in Handbook of Indiana geology. Indianapolis, 1922.

IOWA

- KEYES (C. R.). Annotated catalogue of minerals. Rep. Iowa Geol. Surv., 1893, vol. 1, pp. 181-196.

KENTUCKY

- RICHARDSON (C. H.) *et al.* The mineralogy of Kentucky, Bull. Geol. Surv. Kentucky, 1925, ser. 6, vol. 27, 182 pp., 4 pls.

MARYLAND

- OSTRANDER (C. W.) & PRICE (W. F.). Minerals of Maryland. 92 pp., 1 pl. Baltimore (Nat. Hist. Soc. Maryland), 1940. [M.A. 8-231.]

MASSACHUSETTS

- DANA (J. F.) & DANA (S. L.). Outlines of the mineralogy and geology of Boston and its vicinity. 108 pp., map. Boston, 1818.
- EMERSON (B. K.). A mineralogical lexicon of Franklin, Hampshire, and Hampden counties, Massachusetts. Bull. U.S. Geol. Surv., 1895, no. 126, 180 pp.
- SEARS (J. H.). The physical geography, geology, mineralogy, and paleontology of Essex county, Massachusetts. 418 pp., map. (Minerals, pp. 230-252.) Salem, Mass., 1905.

MINNESOTA

- EMMONS (W. H.) & GROUT (F. F.). Mineral resources of Minnesota. Bull. Minnesota Geol. Surv. (Univ. Minn.), 1943, no. 30, 157 pp. [M.A. 10-130.]

MISSOURI

- GREGER (D. K.). Bibliography of the geology of Missouri. Missouri Geol. Surv., 1945, ser. 2, vol. 31, 294 pp.

MONTANA

- WEED (W. H.). Geology and ore-deposits of the Butte district, Montana. Prof. Paper U.S. Geol. Surv., 1912, no. 74, 262 pp., maps.
- SMITH (P. A.). Minerals of the Butte district, Montana. Rocks and Minerals, Peekskill, N.Y., 1941, vol. 16, pp. 241-248. [M.A. 8-233.]

NEVADA

- HOFFMAN (W. J.). On the mineralogy of Nevada. Bull. U.S. Geol. Geogr. Surv. Territories, 1878, vol. 4, pp. 731-745.
- LINCOLN (F. C.). Mining districts and mineral resources of Nevada, 301 pp., map. Reno, 1923. [M.A. 6-159.]
- STODDARD (C.). Metal and non-metal occurrences in Nevada. Bull. Univ. Nevada, 1932, vol. 26, no. 6, 130 pp., map. [M.A. 6-159.]
- GIANELLA (V. P.). Nevada's common minerals. Bull. Univ. Nevada, Geol. & Mining Ser., 1941, no. 36, 110 pp. [M.A. 8-231.]

NEW HAMPSHIRE

- HAWES (G. W.). The geology of New Hampshire. Part 4, Mineralogy and lithology. Geol. Surv. N. H., 1878, 262 pp., 12 pls.
- MEYERS (T. R.). New Hampshire minerals and mines. 49 pp., map. Concord, N.H., 1941. [M.A. 8-231.]

NEW JERSEY

- SEYMOUR (E.). List of minerals of New Jersey. Appendix D, pp. 743-759 in Geology of New Jersey, Geol. Surv. N.J., 1868.
- CANFIELD (F. A.). Catalogue of minerals found in New Jersey. Rep. State Geologist N.J., 1889, vol. 2, 24 pp.
- VALIANT (W. S.). New Jersey mineral localities. Mineral Collector, New York, 1904, vol. 11, pp. 122-125, 137-141, 150-154.
- PALACHE (C.). The minerals of Franklin and Sterling Hill, Sussex Co., New Jersey. Prof. Paper U.S. Geol. Surv., 1935, no. 180, 141 pp., 20 pls. [M.A. 6-261.]

NEW MEXICO

- JONES (F. A.). New Mexico mines and minerals. 366 pp., map. Santa Fé, N.M., 1905.
- NORTHROP (S. A.). Minerals of New Mexico. Bull. Univ. New Mexico, 1942, no. 379 (Geol. Ser. vol. 6, no. 1), 387 pp., map (1 in. = 19½ m.). [M.A. 8-357.] Reissue: Albuquerque, 1944. [M.A. 10-131.]

NEW YORK

- BECK (L. C.). Mineralogy of the State of New York. 560 pp., 8 pls. in vol. 1, pt. 3, Natural History of New York, 1842.
- NASON (F. L.). Some New York minerals and their localities. Bull. N.Y. State Mus. Albany, 1888, vol. 1, no. 4, 19 pp.
- WHITLOCK (H. P.). List of New York mineral localities. Bull. N.Y. State Mus. Albany, 1903, no. 70, 108 pp.
- MANCHESTER (J. G.). The minerals of Broadway, New York City. Bull. New York Min. Club, 1914, vol. 1, no. 3, pp. 25-52, map.
- The minerals of New York City and its environs. *Ibid.*, 1931, vol. 3, no. 1, 186 pp., 69 pls., map. [M.A. 4-476.]

NORTH CAROLINA

- GENTH (F. A.). Minerals and mineral localities of North Carolina. 122 pp. Geol. Surv. N.C., 1881.
- The minerals of North Carolina. Bull. U.S. Geol. Surv., 1891, no. 74, 119 pp.
- & KERR (W. C.). The minerals and mineral localities of North Carolina. 128 pp. Geology of North Carolina, vol. 2. Raleigh, 1885.
- PRATT (J. H.). Notes on North Carolina minerals. Journ. Elisha Mitchell Sci. Soc., 1897, vol. 14, pp. 61-83.

NORTH DAKOTA

- BUDGE (C. E.). Bibliography of the geology and natural resources of North Dakota 1814-1944. 214 pp. North Dakota Research Foundation, Bismark, 1946.

OREGON

MITCHELL (G. J.). Minerals of Oregon. Univ. Oregon Bull., 1915, n. ser., vol. 13, no. 3, 61 pp.

PENNSYLVANIA

GENTH (F. A.). Preliminary report on the mineralogy of Pennsylvania. Rep. Second Geol. Surv. Pennsylvania, 1875 and 1876, 246 pp., map.

EGERMAN (J.). The mineralogy of Pennsylvania. (Supplement to F. A. Genth), 54 pp. Easton, Pa., 1889; pt. 2, 25 pp., 1911.

GORDON (S. G.). The mineralogy of Pennsylvania. Acad. Nat. Sci. Philadelphia, 1922, special publ. no. 1, 259 pp. [M.A. 2-24.]

RHODE ISLAND

DAVIS (C. A.). Check-list of the minerals of Rhode Island. Bull. Roger William Park Museum, Providence, R.I., 1905, no. 8, 12 pp.

FISHER (L. W.) & GEDNEY (E. K.). Notes on the mineral localities of Rhode Island. I, Providence County. Amer. Min., 1926, vol. 11, pp. 334-340. [M.A. 3-282.]

— & DOLL (C. G.). Part II. Remaining counties. *Ibid.*, 1927, vol. 12, pp. 427-436. [M.A. 3-446.]

QUINN (A.) & SWANN (D. H.). Bibliography of the geology of Rhode Island. 23 pp., 3 maps (1 in. = 9 m.). Mineral Resources Committee, R.I. Industrial Commission, 1944. [M.A. 10-49.]

WINSLOW (W. S.). A catalog of the minerals and mineral localities of Rhode Island. North Providence, R.I., 1945, 42 pp. [M.A. 10-292.]

SOUTH CAROLINA

SLOAN (E.). Catalogue of the mineral localities of South Carolina. Bull. S.C. Geol. Surv., 1908, ser. 4, no. 2, 505 pp., maps.

SOUTH DAKOTA

ZIEGLER (V.). The minerals of the Black Hills. Bull. South Dakota School Mines, 1914, no. 10, 250 pp.

CONNOLLY (J. P.) & O'HARRA (C. C.). The mineral wealth of the Black Hills. *Ibid.*, 1929, no. 16, 418 pp. [M.A. 4-477.]

O'HARRA (C. C.). Bibliography of the geology and mining interests of the Black Hills region. *Ibid.*, 1917, no. 11, 223 pp., map. [M.A. 2-100.]

TEXAS

SIMONDS (F. W.). The minerals and mineral localities of Texas. Bull. Univ. Texas Mineral Surv., 1902, no. 5 (= Bull. Univ. Texas, no. 18), 104 pp.

SELLARDS (E. H.) & EVANS (G. L.). Index to Texas mineral resources. Univ. Texas Publ., 1946, no. 4301, pp. 359-383.

UTAH

BIXBY (M.). Utah minerals and localities. 2nd edit. 23 pp. Salt Lake City, 1902.

LEWIS (R. S.) & VARLEY (F.). The mineral industry of Utah. Bull. Univ. Utah, 1919, vol. 10, no. 11 (= Bull. no. 12 Utah Engin. Station, Dept. of Metallurgical Research), 208 pp.

BUTLER (B. S.) *et al.* The ore deposits of Utah. Prof. Paper U.S. Geol. Surv., 1920, no. 111, 672 pp., maps.

STRINGHAM (B. F.). Bibliography of the geology and mineral resources of Utah to December 31, 1942. Bull. Univ. Utah, 1944, vol. 34, no. 15 (Geol. Ser., vol. 1, no. 1), 99 pp. [M.A. 10-49.]

VIRGINIA

WATSON (T. L.). Mineral resources of Virginia. 649 pp., 83 pls. Lynchburg, Va., 1907.

— A bibliography of geological, mineralogical, and paleontological literature of the State of Virginia. Bull. Amer. Paleont. Ithaca, 1897, vol. 2, no. 7, pp. 57-165.

ROBERTS (J. K.). Annotated geological bibliography of Virginia. 737 pp. Charlottesville, 1942. [M.A. 9-11.]

WISCONSIN

IRVING (R. D.). Minerals of Wisconsin. Geology of Wisconsin (Geol. Surv.

Wisc.). 1883, vol. 1, pt. 2, chap. 2, pp. 309-339.

WYOMING

DIETZ (C. S.). The developed and undeveloped mineral resources of Wyoming. Bull. Wyoming Geol. Surv., 1929, no. 21, 205 pp. [M.A. 5-92.]

Mexico

LANDERO (C. F. de). Sinopsis mineralógica. 535 pp. Mexico, 1888.

Catálogo sistemático de especies minerales de Mexico y sus aplicaciones industriales. Bol. Inst. Geol. Mexico, 1923, no. 40, 290 pp.

Catálogo geográfico de las especies minerales de Mexico. Ibid., 1923, no. 41, 152 pp. [M.A. 2-432.]

AGUILERA (J. G.). Catálogos sistemático y geográfico de las especies mineralógicas de la república Mexicana. Ibid., 1898, no. 11, 157 pp.

AGUILERA Y SANTILLÁN (R.). Bibliografía geológica y minera de la república Mexicana completada hasta el año de 1904. Ibid., 1908, no. 17, 330 pp.

West Indies

NICHOLAS (F. C.). The mineral resources of Jamaica. 14 pp., map. Reprinted from the Handbook of Jamaica, Institute of Jamaica, 1913.

RAY (H. C.). Minerals of Porto Rico. Rocks and Minerals, Peekskill, N.Y., 1941, vol. 16, pp. 355-359, map. [M.A. 8-233.]

SOUTH AMERICA

MILLER (B. J.) & SINGEWALD (J. T.). The mineral deposits of South America. 607 pp. New York & London, 1919. [Bibliographies for each country.] (M.A. 1-50.)

SINGEWALD (J. T.). Bibliography of economic geology of South America. Special Papers, Geol. Soc. Amer., 1943, no. 50, 159 pp. [M.A. 9-11.]

British & Dutch Guiana

Mineral resources of British Guiana. 64 pp. Lands & Mines Dept., Georgetown, 1933. [M.A. 5 491.]

HARRISON (J. B.). The geology of the goldfields of British Guiana, 329 pp., 43 pls. London, 1908.

BRACEWELL (S.). The geology and mineral resources. Handbook of the natural resources of British Guiana, Georgetown, 1946, sect. 4, pp. 18-40, 3 maps (1 cm. = 25 miles), bibliography. [M.A. 10-292.]

IJZERMAN (R.). Outline of the geology and petrology of Surinam (Dutch Guiana). 519 pp., maps. The Hague, 1931.

Venezuela

HEDBERG (H. D.) & HEDBERG (F.). Bibliografía e índice de la geología de Venezuela. Bol. Soc. Venezolana Cienc. Nat., 1945, vol. 10, pp. 7-87, map. [M.A. 10-50.]

DAVEY (J. C.). Venezuela—land of mining opportunity. Mining Mag. London, 1945, vol. 73, pp. 9-25, 137 151, 275-282, 338-343; 1946, vol. 74, pp. 9-26. [M.A. 9-270.]

Colombia

CODAZZI (R. L.). Minerale de Colombia. 4 parts (125 pp.). Trab. Oficina Hist. Nat. Bogotá, 1904-5.

— Los minerales de Colombia. 150 pp., 20 pls. Bogotá, 1927. [M.A. 3-544.]

— Notas adicionales sobre los minerales y las rocas de Colombia. 51 pp., 8 pls. Museo Nacional, Bogotá, 1929. [M.A. 5-491.]

STUTZER (O.) and afterwards SCHEIBE (R.). Beiträge zur Geologie und Mineralogie von Kolumbien. Neues Jahrb. Min., Abt. B, 1925, vol. 52, pp. 162-174; 1926, vol. 53, pp. 315-324, 2 maps; 1926, vol. 54, pp. 419-447, 1 map. [M.A. 3-283.]

ROYO Y GÓMES (J.). Bibliografía geológica, geográfica y minera de Colombia. 127 pp. Bogotá, 1945. [M.A. 10 50.]

Peru

RAIMONDI (A.). El departamento de Ancachs y sus riquezas minerales. 653 pp. (fol.), map. Lima, 1873.

— Minéraux du Pérou. 336 pp. Paris, 1878.

RAIMONDI (A.). *Minerales del Perú*. Vol. 2 (fol.), 628 pp. Lima, 1939.

Bolivia

STELZNER (A. W.). *Die Silber-Zinnerz-lagerstätten Bolivias*. Zeits. Deutsch. Geol. Gesell., 1897, vol. 47, pp. 51-142, map (1:3,000,000).

AHLFELD (F.) & MUÑOZ REYES (J.). *Los minerales de Bolivia*. La Paz, 1937. *Mineralogie von Bolivien*, 96 pp., 1 pl., Berlin, 1938. [M.A. 7-112.] Second Spanish edition, La Paz, 1943, 277 pp. [M.A. 10-131.]

KITTL (E.). *Bibliografía minera y geológica de Bolivia*. *Revista Minera de Bolivia*, 1928, vol. 3, pp. 12-28, 33-43. [M.A. 4-51.]

GORDON (S. G.). *The mineralogy of the tin mines of Cerro de Llallagua, Bolivia*. *Proc. Acad. Nat. Sci. Philadelphia*, 1944, vol. 96, pp. 279-359, 13 pls. [M.A. 9-209.]

Chile

DOMEYKO (I.). *Mineralojía*. 3rd edit., 778 pp., 6 pls. Santiago, 1879. Appendices I & II, pp. 55, 41, 1883-4.

DARAPSKY (L.). *Das Departement Taltal (Chili)*. 139 pp. Berlin, 1900.

LITTLE (J. M.). *The geology and metal deposits of Chile*. 188 pp., maps. New York, 1926.

BANDY (M. C.). *Mineralogy of three sulphate deposits in northern Chile*. [Chuquicamata, Quetena, and Alcaparrosa.] *Amer. Min.*, 1938, vol. 23, pp. 669-760. [M.A. 7 223.]

Brazil (Brasil)

ESCHWEGE (W. L.). *Pluto Brasiliensis*. Eine Reihe von Abhandlungen über Brasiliens Gold-, Diamanten- und anderen mineralischen Reichtum. 640 pp., 5 pls., 5 maps. Berlin, 1833.

FERRAZ (J. B. de A.). *Notes sur la minéralogie du Brésil*. *Bull. Soc. Franç. Min.*, 1927, vol. 50, pp. 6-41. [M.A. 3-446.]

FERRAZ (L. C.). *Compendio dos mineraes do Brasil em forma de dicionario*. Contendo a descrição completa de todos os minérios e

mineraes até esta data encontrados no Brasil. 655 pp., maps. Rio de Janeiro, 1929. [M.A. 6-509.]

FREYBERG (B.). *Die Bodenschätze des Staates Minas Geraes (Brasilien)*. 469 pp., 12 pls., maps. Stuttgart, 1934. [M.A. 5-482.]

BRANNER (J. C.). *Bibliography of the geology, mineralogy, and paleontology of Brazil*. *Arch. Mus. Nac. Rio de Janeiro*, 1903, vol. 12, pp. 197-309.

GONSALVES (A. D.). *Bibliographia da geologia, mineralogia e paleontologia do Brasil*. *Bol. Serv. Geol. Min. Brasil*, 1928, no. 27, 208 pp., 11 pls. [M.A. 5-251.]

IGLESIAS (D.). *Bibliografía e índice da geologia do Brasil 1641-1940*. *Bol. Div. Geol. Min.*, 1943, no. 111, 323 pp. [M.A. 10-49.]

MURTA (D. de F.). *Literatura geológica do estado de Minas Gerais*. 2 vols., 435 pp. Bello Horizonte, 1946. [M.A. 10-49.]

Paraguay

REBAUDI (O.). *Apuntes sobre minería Paraguaya*. 46 pp. Asunción, 1924. [M.A. 4-184.]

ROMERO (G.). *Nuestra riqueza minera*. Paraguay, *Cartilla Informativa*. Asunción, 1930, no. 18, 70 pp.

Uruguay

LAMBERT (R.) & AZNÁREZ (J.). *Bibliographie géologique de la république orientale de l'Uruguay*. *Bol. Inst. Geol. Uruguay*, 1939, no. 26, 79 pp. [M.A. 9-11.]

Argentina

BRACKERUSCH (L.). *Las especies minerales de la República Argentina*. *Anal. Soc. Cient. Argentina*, 1879, vol. 7, pp. 5-18 . . . 279-286; 1879, vol. 8, pp. 5-18 . . . 204-208. (10 parts, 114 pp.; index pp. 133-134).

BODENBENDER (W.). *Los minerales, su descripción y análisis con especialidad de los existentes en la República Argentina*. 312 pp. Córdoba, 1899.

HOSKOLD (H. D.). Memoria . . . sobre las minas . . . en la República Argentina. Paris Exposition, 1889. 604 pp., maps. Buenos Aires, 1889. French edition, 628 pp., maps. Buenos Aires, 1889.

SPARN (E.). Bibliografía de la geología, mineralogía y paleontología de la República Argentina hasta el año 1899. Acad. Nac. Cienc. Córdoba, 1921, misc. no. 3, 93 pp.

— años 1915-21. *Ibid.*, 1925, no. 11, 45 pp. [M.A. 3-231.]

— Bibliografía de la geología, mineralogía y paleontología de la República Argentina (incluso de la Antártica Americana). Parte X: años 1942 a 1945. Bol. Acad. Nac. Cienc. Córdoba, 1946, vol. 38, pp. 3-132. [M.A. 10-50.]

AUSTRALASIA

ANDERSON (C.). Bibliography of Australian mineralogy. Mineral Resources, Geol. Surv. New South Wales, 1916, no. 22, 164 pp. [M.A. 1-83.]

Queensland

DUNSTAN (B.). Queensland mineral index and guide. Queensland Geol. Surv., 1913, publ. no. 241, 1014 pp., 13 maps.

LINDON (E. B.). A catalogue of such minerals as are at present known to occur in Queensland. Proc. Roy. Soc. Queensland, 1887, vol. 4, pp. 32-78.

New South Wales

LIVERSIDGE (A.). The minerals of New South Wales. 3rd edit., 334 pp., map (1 in. = 33 m.). London, 1888.

CURRAN (J. M.). On the occurrence of precious stones in New South Wales. Journ. Roy. Soc. N.S.W., 1897, vol. 30, pp. 214-284.

PITTMAN (E. F.). The mineral resources of New South Wales. 495 pp., 68 pls., 2 maps. Dept. Mines, Sydney, 1901.

CARD (G. W.). [Supplementary list of New South Wales minerals.] Rec. Geol. Surv. N.S.W., 1902, vol. 7, p. 43.

SMITH (G.). Notes on the mineralogy, pp. 403-416 in E. C. Andrews, The geology of the Broken Hill district. Mem. Geol. Surv. N.S.W., 1922, no. 8. [M.A. 2-24.]

— A contribution to the mineralogy of New South Wales. Mineral Resources Geol. Surv. N.S.W., 1926, no. 34, 145 pp., 32 pls., map. [M.A. 3-284.]

TRICKETT (O.). Bibliography of the economic minerals of New South Wales. Mineral Resources, Geol. Surv. N.S.W., 1919, no. 28, 171 pp. [M.A. 2-481.]

Victoria

ULRICH (G. F. H.). Contributions to the mineralogy of Victoria. 32 pp. Melbourne, 1870.

NICHOLAS (W.). Localities of minerals which occur in Victoria. Rep. Geol. Surv. Victoria, 1876, no. 3, pp. 280-288.

ATKINSON (J. A.). A locality list of all the minerals hitherto recorded from Victoria. Proc. Roy. Soc. Victoria, 1897, vol. 9, pp. 68-119.

WALCOTT (R. H.). Additions and corrections to the census of Victorian minerals. *Ibid.*, 1901, n. ser., vol. 13, pp. 253-272.

CLARK (D.). Minerals of eastern Gippsland. Rep. Austr. Assoc. Adv. Sci., 1892, vol. 4, pp. 285-289.

GREGORY (J. W.). Bibliography of economic geology of Victoria to the end of 1903. Rec. Geol. Surv. Victoria, 1907, vol. 2, no. 3, 135 pp.

South Australia

CLOUD (T. C.). A catalogue of South Australian minerals. Trans. Roy. Soc. S. Austr., 1883, vol. 6, pp. 72-93.

BROWN (H. Y. L.). Catalogue of South Australian minerals with the mines and other localities where found. Adelaide, 1893, 34 pp.

GOYDER (G.). [List of minerals found in South Australia.] Ann. Rep. Govt. Geologist, for 1883, 1884, pp. 14-20.

MAWSON (D.). Additions to the South Australian mineral record. Trans. Roy. Soc. S. Austr., 1926, vol. 50, pp. 25-30. [M.A. 3-284.]

Northern Territory

WOODS (J. E. T.). Report upon the geology and mineralogy of the Northern Territory of South Australia. 38 pp. [? Palmerston, 1886.]

HODGE-SMITH (T.). Geological and mineralogical observations in Central Australia. *Rec. Austr. Mus.*, 1932, vol. 18, pp. 415-442, 3 pls. [M.A. 6-162.]

Western Australia

SIMPSON (E. S.). Census of minerals of Western Australia. *Bull. Geol. Surv. W. Austr.*, 1900, no. 4, pp. 144-149; 1902, no. 6, pp. 86-89; *Guide W. Austr. Mus.*, 1912, pt. 6, pp. 17-36. — Contributions to the mineralogy of Western Australia I-XI. *Journ. Roy. Soc. W. Austr.*, 1926-38, vols. 12-24. [M.A. 3-7.]

CARROLL (D.). Census of Western Australian minerals. *Mineral Resources of Western Australia*, Dept. of Mines, 1945, *Bull. no. 1*, 72 pp., map. [M.A. 9-268.]

Tasmania

PETERD (W. F.). Catalogue of the minerals of Tasmania, with notes on their distribution. 72 pp. Hobart, 1893; 2nd edit., 115 pp., 1896; 3rd edit. 221 pp., 1910.

New Zealand

COX (S. H.). Notes on the mineralogy of New Zealand. *Trans. N.Z. Inst.*, 1881, vol. 14, pp. 18-45; 1882, vol. 15, pp. 361-410.

HECTOR (J.). Minerals of New Zealand. *Rep. Geol. Surv. for 1890-1*, Wellington, 1892, pp. 105-120.

MARSHALL (P.). Additions to the list of New Zealand minerals. *Trans. N.Z. Inst.*, 1909, vol. 41, pp. 105-110.

PARK (J.). List of minerals found in New Zealand. pp. 398-408, *in* The geology of New Zealand. Christchurch, 1910.

MORGAN (P. G.) & BARTRUM (J. A.). List of the minerals of New Zealand. *Geol. Surv. N.Z.*, 1913, 32 pp.

MORGAN (P. G.). Minerals and mineral substances of New Zealand. *Bull.*

Geol. Surv. N.Z., 1927, n. ser., no. 32, 115 pp., 2 maps (1 in. = 31 m.). [M.A. 4-184.]

PACIFIC OCEAN

LIVERSIDGE (A.). Notes on some minerals from New Caledonia. *Journ. Roy. Soc. New South Wales*, 1881, vol. 14 (for 1880), pp. 227-246. Reprinted in *The minerals of N.S.W.*, 1888, pp. 271-290.

POWER (F. D.). The mineral resources of New Caledonia. *Trans. Inst. Mining Metall. London*, 1900, vol. 8, pp. 426-469, 4 pls.

GLASSER (E.). Les richesses minérales de la Nouvelle-Calédonie. *Ann. Mines, Paris*, 1903, ser. 10, vol. 4, pp. 299-392, 397-536; 1904, vol. 5, pp. 29-154, 503-701. Reprint, Paris, 1904, 560 pp., 6 pls.

LACROIX (A.). *Minéralogie de la France et ses colonies*. 1913, vol. 5, pp. 454-460. (Index of localities in New Caledonia.)

JARDIN (E.). *Essai sur l'histoire naturelle de l'archipel des Marquises, comprenant: la géologie et la minéralogie*. 100 pp., map. Paris & Cherbourg, 1862. (*Mém. Soc. Sci. Nat. Cherbourg*, 1858, vol. 6.)

INDIAN OCEAN

LACROIX (A.). *Le volcan actif de l'île de la Réunion et ses produits*. 306 pp., map (1:100,000). Paris, 1936. [M.A. 7-1.]

ENDLICH (F. M.). List of the collection of minerals from Kerguelen island. *Bull. U.S. Nat. Mus.*, 1876, no. 3, pp. 33-34.

ARCTIC

ENDLICH (F. M.). Minerals from the Arctic regions. *Bull. U.S. Nat. Mus.*, 1879, no. 15, p. 171.

ROBINSON (J. L.), 1944. *v. Canada*.

Greenland

GIESECKE (C. L.). *Gieseckes mineralogiske rejse i Grønland*. 399 pp., 3 maps. Kjøbenhavn, 1878.

FLINK (G.). Berättelse om en mineralogisk resa i syd-Grönland sommaren 1897. Meddel. Grönland, 1898, vol. 14, pp. 221-262, French résumé, pp. i-ix, map.
 — BØGGILD (O. B.) & WINTHER (C.). Undersøgelser af mineraler fra Julianehaab. Meddel. Grönland, 1900, vol. 24, pp. 1-213.
 BØGGILD (O. B.). Mineralogia Groenlandica. 644 pp., map. Kjøbenhavn, 1905. [M.M. 14-195.]
 SCHUMACHER (C. F.), 1801. *v. Denmark.*
 NICKLES (J. M.), 1923-24. *v. North America.*

ANTARCTICA

MAWSON (D.). Record of minerals of King George Land, Adelie Land and Queen Mary Land. Australasian Antarctic Expedition, 1911-14, Ser. A, 1940, vol. 4 (geology), pt. 12, pp. 369-403. [M.A. 8-111.]
 — Catalogue of rocks and minerals collected in Antarctic regions. *Ibid.*, pt. 13, pp. 405-429. [M.A. 8-111.]
 STEWART (D.). Minerals reported from Antarctica. Rocks and Minerals, Peekskill, N.Y., 1942, vol. 17, p. 12. [M.A. 8-358.]

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