

AGAMENNONE, G., Il terremoto di Haiti (Antille) nella mattina del 29 dicembre, 1897: Soc. seismol. ital. Boll., vol. 4, pp. 177-191, 1898.

Describes earthquake of December 29, 1897, which was most severe in the northern part of the Dominican Republic.

BALTENWECK, R., Station de Furcy: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., July-Dec., 1909, pp. 53-54, 1910.

Describes geographic features of Furcy and regions near by.

—— Étude sur le marées de la rade de Port-au-Prince: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., Jan.-June, 1911, pp. 61-75, 1911.

Contains records of tides in Port-au-Prince harbor.

BERRY, EDWARD W., Tertiary fossil plants from the Republic of Haiti: U. S. Nat. Mus. Proc., vol. 62, art. 14, 10 pp., 1 pl., 2 text figs., 1922.

Describes and figures following Miocene plants collected during the reconnaissance: *Chara woodringi* Berry, n. sp.; *Gymnogramme woodringi* Berry, n. sp.; *Pisonia conditi* Berry; *Simaruba haitensis* Berry, n. sp.; *Mespilodaphne hispaniolana* Berry, n. sp.; *Mimusops praeparvifolia* Berry, n. sp.; *Chrysophyllum cahobasensis* Berry, n. sp.; *Bumelia cuneatafolia* Berry, n. sp.; *Guettarda cookei* Berry.

BERTHIER, M. P., Analyse de deux variétés de fer chromé; suivie d'une note sur les alliages du chrome avec le fer et avec l'acier: Annales des mines, vol. 6, pp. 573-584, 1821.

Contains analysis of sample of chrome-iron sand from beach on île-à-Vache.

BOUSSINGAULT, —, Sur la production, la constitution et les propriétés des aciers chromés: Annales chimie et physique, 5th ser., vol. 15, pp. 91-126, 1878. (Translated in Iron and Steel Inst. Journ., 1886, No. 2, pp. 807-830.)

Contains analysis of chrome iron ore from île-à-Vache (p. 95).

CABON, A., Contribution à l'étude de la géographie d'Haïti; notes historiques sur la détermination de la position géographique d'Haïti: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., Jan.-June, 1916, pp. 51-67, 1916.

Review of the determinations of latitude and longitude from the time of Columbus to the work of the Hydrographic Office of the United States Navy in 1906-1913.

—— Contribution à l'étude de la géographie d'Haïti; notes bibliographiques sur la géographie d'Haïti: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., July-Dec., 1916, pp. 149-174, 1917; Idem, Bull. ann., 1917, pp. 93-128, 1918.

Valuable annotated bibliography of publications dealing with the geography and geology of the island. Many of the titles listed on pages 605-607 are taken from this bibliography.

CAZE, M. le Chanoine, Étude sur la Paroisse de Ganthier, située dans la Plaine du Cul-de-Sac: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., July-Dec., 1910, pp. 136-148, 1911.

Contains description of geographic features of the parish of Gantier.

COCKERELL, T. D. A., A fossil cichlid fish from the Republic of Haiti: U. S. Nat. Mus. Proc., vol. 63, art. 7, 2 pp., 1 pl., 1923.

Describes and figures a Miocene fish, *Cichlasoma woodringi* Cockerell, n. sp., collected during the reconnaissance near Las Cahobas.

DE MOYA, C. N., Mapa de la Isla de Santo Domingo y Haïti: Rand McNally & Co., 1906. Scale, 1:400,000.

DESCOURTILZ, M. E., Voyage d'un naturaliste, 3 vols., vol. 1, 365 pp., 14 pls.; vol. 2, 470 pp., 16 pls.; vol. 3, 476 pp. 12 pls. Paris, 1809.

Volume 2 contains descriptions of geographic features of parts of the Republic.

DUPUGET, —, Extrait d'un mémoire du citoyen Dupuget, intitulé: Coup-d'oeil rapide sur la physique générale et la minéralogie des Antilles: Jour. des Mines, deuxième trimestre, No. 18, Ventôse, An IV, pp. 43-60 [vol. 3, 1796].

Based on observations made during 1784-1786. Interesting account of "Itinéraire minéralogique de Saint-Domingue" (pp. 47-57). Recognizes huge thickness of coralliferous limestone recently deposited by sea at Môle St.-Nicolas and St.-Marc. Mentions iron deposits of Morne "Bekeli." (See pp. 468-470 of this report.)

ESQUEMELING, JOHN, The buccaneers of America, 508 pp., 8 pls., and other figures, London, 1893. (Reprinted with additions from edition of 1684.)

Most interesting but unreliable account of the period when the buccaneer colony of Tortue Island was at the height of its power. Original edition published at Amsterdam in 1678 (Exquemelin, Alex. Olivier, De Americaenische Zee-Roovers). A French translation was published in 1688 (Oexmelin, Histoire des aventuriers qui se sont signalez dans les Indes). Several English translations were published, each of which seems to surpass the preceding in adding exploits of famous English buccaneers. Contains description of Tortue Island (chapter 2), and of part of adjoining mainland (chapter 3).

FALCONER, J. D., The evolution of the Antilles: Scottish Geog. Mag., vol. 18, pp. 369-376, 1 pl., 1902.

Geographic relations and geologic history of the island of Haiti briefly described.

FERGUSON, E. G. W., The mineral resources of Haiti, West Indies: Min. World, vol. 31, pp. 133-135, 1909.

Optimistic account of the mineral resources of the Republic of Haiti.

FORBIN, CHARLES, Contribution à la géographie d'Haïti: Note sur Bas-de-Sault, Habitation Forbin, Commune de St.-Michel; Note sur St.-Francisque; Note sur Marmelade: Observatoire Météorologique du Séminaire-Collège St.-Marcial Bull. ann., 1921, pp. 70-71, 1922.

Brief notes on the geography and geology of the region near Habitation Forbin, about 6 kilometers northwest of St.-Michel de l'Atalaye, and near Marmelade. Records on page 70 the finding of some ammonites on the surface of the ground at Bas-de-Sault. According to the description the country rock is the argillite described on pages 86-90 of this report and considered lower Cretaceous.

FORTUNAT, DANTÈS, Île d'Haïti [map]: Paris, 1888. Scale, 1: 400,000.

FRAZER, PERSIFOR, Archean characters of the nucleal ranges of the Antilles: British Assoc. Adv. Sci. Rept., Fifty-eighth meeting, 1888, pp. 654-655, 1889.

Discusses age of rocks in axial ranges of the larger West Indian islands. Article based on examination of rocks from the Sierra Maestra of Cuba.

GENTIL, ROBERT, and HENRI CHAUVET, Grande géographie de l'île d'Haïti, 384 pp., Paris, 1896.

Probably the best of the Haitian geographies.

GUPPY, R. J. L., The geological connections of the Caribbean region: Canadian Inst. Trans., vol. 8, pp. 373-391, 1909.

Contains discussion of geographic and tectonic relations of the island of Haiti.

HILL, ROBERT T., Fundamental geographic relation of the three Americas: *Nat. Geog. Mag.*, vol. 7, pp. 175-181, map, 1896.

Discusses geographic relations of the island of Haiti.

— Cuba and Porto Rico, with other islands of the West Indies, 408 pp., 79 pls., 2 maps, New York, 1898.

Contains description of Republic of Haiti (pp. 263-295).

— The geology and physical geography of Jamaica: *Harvard Coll. Mus. Comp. Zool. Bull.*, vol. 34, 256 pp., 41 pls., 40 figs., 1899.

Contains (pp. 168-198) an attempt to correlate the Jamaican rocks with those of the island of Haiti, as given by Tippenhauer in 1893.

JONES, WILLIAM F., A geological reconnaissance in Haiti; a contribution to Antillean geology: *Jour. Geology*, vol. 26, pp. 728-752, pl. 5 (map and sections), 10 text figs., 1918.

Observations in different parts of the Republic; more information about the Central Plain than any other region.

KOFFMAHN, O., Begleitworte zur Karte der Insel Haiti: *Petermanns Mitt.* Band 20, pp. 321-323, 1874. (See also Petermann, A.)

[LABAT, J. B.,] *Voyage du Père Labat au Isles de l'Amérique*, vol. 5, 504 pp., 2 maps, La Haye, 1724.

First edition published in 1721. Contains descriptions of the geographic features of the parts of the Republic settled by French colonists after the French and English buccaneers had driven out the Spanish.

LÜTGENS, RUDOLF, Land, Leute, Reisen in der Republik Haïti: *Gesell. Erkunde Berlin Zeitschr.*, 1914, pp. 771-780.

Brief account of a trip in the Northwest Peninsula; general observations concerning products, routes of travel, and population.

— Geographische und geologische Beobachtungen in Nordwest-Haïti: *Geog. Gesell. in Hamburg Mitt.*, Band 32, pp. 41-90, 1 map, 3 pls., 10 figs., 1919.

Description of geographic and geologic features of western part of Northwest Peninsula. The trip was made with Tippenhauer, and the conclusions concerning the geology clearly are Tippenhauer's.

MAURY, CARLOTTA J., On the correlation of Porto Rican Tertiary formations with other Antillean and mainland horizons: *Am. Jour. Sci.*, 4th ser., vol. 48, pp. 209-215, 1919.

Contains attempt to correlate some of the Porto Rican Tertiary formations with those of the Central Plain as given by Jones, 1918.

MILLER, GERRIT S., jr., Remains of mammals from caves in the Republic of Haiti: *Smithsonian Misc. Coll.*, vol. 74, No. 3, 8 pp., 1922.

Describes remains of rodents and ground sloths, including two new genera of rodents, collected during the reconnaissance from caves near St.-Michel de l'Atalaye.

MOREAU DE JONNÈS, ALEXANDRE, *Histoire physique des Antilles françaises, savoir, La Martinique et les îles de la Guadeloupe*, vol. 1, 560 pp., Paris, 1822.

Contains some information on the geology and geography of the Republic, based principally on Moreau de St. Méry. (See pp. 125-126; table, p. 155.) List of earthquakes, 1530 to 1821 (pp. 110-115) and of hurricanes in the West Indies, 1495 to 1821 (pp. 386-393).

MOREAU DE SAINT-MÉRY, M. L. E., A topographical and political description of the Spanish part of Saint Domingo, translated from the French by William Cobbett, 2 vols.; vol. 1, 314 pp.; vol. 2, 318 pp.; Philadelphia, 1796.

The French edition, published at Philadelphia in the same year, was not seen. Contains description of geographic features of the Central Plain, which during the colonial period belonged to the Spanish colony.

— Description topographique, physique, civile, politique et historique de la partie française de l'isle Saint-Domingue, 2 vols.: vol. 1, 788 pp., 2 map; vol. 2, 856 pp.; Philadelphia, 1797-1798.

An exhaustive treatise describing the colony parish by parish before the revolution. Aside from historical interest, it contains a great deal of valuable geographic information.

[MÜLLER, L.,] Erdbeben in Haiti: Zeitschr. allg. Erdkunde, Neue Folge, Band 8, pp. 509-511, 1860.

Describes effects near Les Cayes of earthquake of April 8, 1860, and discusses aftershocks and additional shocks between April 8 and May 5.

PETERMANN, A., Karte der Insel Haiti: Petermanns Mitt., Band 20, pl. 17, 1874. Scale, 1: 1,100,000. (See also KOFFMAHN, O.)

PIACENTENI, R., De Thomazeau aux Grands-Bois: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., Jan.-June, 1913, pp. 63-67, 1913.

Interesting account of trip from Thomazeau to Cornillon. Contains descriptions of geographic and geologic features.

PILSBRY, HENRY A., A new Haitian Oligocene [Miocene] horizon: Acad. Nat. Sci. Philadelphia Proc., vol. 62, pp. 487-489, 2 figs., 1910.

Describes and figures three Miocene mollusks from the Central Plain, namely, *Potamides roumaini* Pilsbry, n. sp.; *Potamides caobasensis* Pilsbry, n. sp.; *Arca websteri* Pilsbry, n. sp. (not figured).

— Revision of W. M. Gabb's Tertiary Mollusca of Santo Domingo: Acad. Nat. Sci. Philadelphia Proc., vol. 73, pp. 305-435, pls. 16-47, 48 text figs., 1922.

Figures *Arca chtriquiensis websteri* Pilsbry (pl. 41, fig. 4), and *Ostrea bolus* Pilsbry and Johnson (pl. 43, figs. 2, 3), previously described from Miocene beds in the Central Plain.

— Miocene Cirripedia from the Republic of Haiti: U. S. Nat. Mus. Proc. (Awaiting publication.)

Describes and figures Miocene barnacles collected during the reconnaissance, including *Balanus concavus csepatus* n. subsp., and *Balanus polyporus* n. sp.

PILSBRY, HENRY A., and BROWN, AMOS P., Oligocene [Miocene] fossils from the neighborhood of Cartagena, Colombia, with notes on Haitian species: Acad. Nat. Sci. Philadelphia Proc., vol. 69, pp. 32-41, pls. 5, 6, 1917.

Describes and figures two species collected from Miocene beds in the Central Plain, namely, *Turritella calostemma* Pilsbry and Brown, n. sp.; *Ostrea cahobasensis* Pilsbry and Brown, n. sp.

PILSBRY, H. A., and JOHNSON, C. W., New Mollusca of the Santo Domingan Oligocene [Miocene]: Acad. Nat. Sci. Philadelphia Proc., vol. 69, pp. 150-202, 1917.

Describes *Ostrea bolus* Pilsbry and Brown, n. sp., collected from Miocene beds in the Central Plain.

POEY Y AGUIRRE, ANDRÈS, Catalogue chronologique des tremblements de terre ressentis dans les Indes Occidentales de 1530 à 1858; suivi d'une bibliographie séismique concernant les travaux relatifs au tremblements de terre des Antilles, 76 pp., Versailles, 1858. (Extrait de l'annuaire de la Société Météorologique de France, vol. 5, p. 75, séance du 12 mai. 1857.)

RATHBUN, MARY J., Fossil crabs from the Republic of Haiti: U. S. Nat. Mus. Proc., vol. 63, art. 9, 6 pp., 2 pls., 1923.

Describes and figures middle Eocene, Miocene, and Quaternary crabs collected during the reconnaissance, including a new species, *Portunus (Portunus) haitensis*.

RECLUS, ÉLISÉE, The earth and its inhabitants, edited by A. H. Keane, 19 vols., New York, 1886-1895.

Description of island of Haiti in North America, vol. 2, pp. 396-422, 1891.

RITTER, KARL, Naturhistorische Reise nach der westindlichen Insel Hayti, 206 pp., 6 maps, 3 pls., Stuttgart, 1836.

Account of travels in the Republic of Haiti in 1820. Contains geographic information.

ROTH, H. LING, Bibliography and cartography of Hispaniola: Royal Geog. Soc. Supp. Papers, vol. 2, pp. 41-97, 1889.

Valuable annotated bibliography.

ROUZIER, S., Dictionnaire géographique et administratif universel d'Haïti, vol. 1, 393 pp., 12 maps, 3 pls., 1892; vol. 2, 402 pp., 3 maps, 6 pls. 16 figs.; Paris, 1893.

A very useful geographic dictionary, which we have followed more or less closely in the spelling of place names. The third volume was never issued, so that there are no articles farther in the alphabetical list than Haïti. Three-quarters of the second volume is devoted to the article Haïti.

SCHERER, J., Earthquakes in Hayti, April 12 to October 10, 1911: Seismol. Soc. America Bull., vol. 1, p. 171, 1911.

List of shocks for period given in title.

— Great earthquakes in the Island of Haiti: Seismol. Soc. America Bull., vol. 2, pp. 161-180, map, 1912.

Translation of article published in the Bulletin de l'Observatoire Météorologique du Séminaire-Collège St. Martial, July-Dec. 1911, pp. 153-162, 1912. (See below.)

— Notes on remarkable earthquake sounds in Haiti: Seismol. Soc. America Bull., vol. 2, pp. 230-232, 1912.

Description of peculiar sounds often accompanying earthquakes in the Republic; called the "gouffre" or the "bruit du gouffre." Many of the bulletins of the Observatoire Météorologique du Séminaire-Collège St.-Martial contain information concerning the gouffre.

— Le cyclone du 12 août 1915 dans la République d'Haïti: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., July-Dec., 1915, pp. 154-172, 1915.

Describes the effects of one of the most disastrous hurricanes in the history of the Republic.

— L'île d'Haïti et le tremblement de terre de Porto Rico (du 11 octobre, 1918): Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. ann., 1918, p. 93, 1919.

Describes effects of this earthquake in the island of Haiti.

[—] Les grands tremblements de terre dans l'île d'Haïti: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull., semest. July-Dec., 1911, pp. 153-162, 1912.

Interesting account of disastrous earthquakes from early colonial period to 1911.

SCHERER, J., Les tremblements de terre de l'île d'Haïti dans leur rapports avec le relief du sol et les fosses maritimes qui l'entourent: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., July-Dec., 1912, pp. 132-139, 1913.

Correlates the seismic phenomena with the geographic and geologic features.

[—] Catalogue chronologique des tremblements de terre ressentis dans l'île d'Haïti de 1551 à 1900: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. semest., July-Dec., 1913, pp. 147-151, 1914.

Complete catalogue of earthquakes recorded in the island during period given in title.

[—] Tremblements de terre observés en Haïti de l'année 1901-1910: Observatoire Météorologique du Séminaire-Collège St.-Martial Bull. ann. 1920, pp. 100-104, 1921.

Continuation of catalogue published in 1914.

SCHOMBURGK, Sir R. H., Mapa de la Isla de Santo Domingo, Paris, 1858. Scale, 1: 400,000.

SIEVERS, WILHELM, Süd- und Mittelamerika, 3d ed., 567 pp., 9 maps, 26 pls., 54 text figs., Leipzig and Vienna, 1914.

Brief description of the island of Haiti, pp. 475-480.

SPRINGER, FRANK, A new Tertiary crinoid in the West Indies: U. S. Nat. Mus. Proc. (Awaiting publication.)

Describes Miocene crinoid stems, *Balanocrinus haitensis* n. sp., collected during the reconnaissance.

STUART, R., Haïti or Hispaniola: Royal Geog. Soc. Jour., vol. 48, pp. 234-274, 1878.

Describes geographic features of the island.

SUËSS, EDUARD, La face de la terre (French translation by Emmanuel de Margerie of Das Antlitz der Erde), 3 vols. and index, 3695 pp., 5 pls., 10 maps, 551 figs., 1905-1918.

Discusses tectonic features of the West Indies in vol. 1, pp. 113-124, 362-369; vol. 3, pp. 1285-1292, 1628.

TABER, STEPHEN, The great fault troughs of the Antilles: Jour. Geology, vol. 30, pp. 89-114, pl. 1 (map), 1 text fig., 1922.

Contains brief descriptions of the disastrous earthquakes in the island of Haiti and discusses their probable origin.

— The seismic belt in the Greater Antilles: Seismological Soc. America Bull., vol. 12, pp. 199-219, pl. 7, 1922.

Includes description of disastrous earthquakes in the Republic and discussion of their origin.

THOMASSET, HENRI, Rapport sur les gisements de charbon de l'Asile et du Camp-Perrin (adressé à Monsieur le Secrétaire d'État des Travaux Publics): Le Moniteur, 53<sup>e</sup> année, No. 46, pp. 358-359, 8 juin, 1898.

Describes and gives analyses of lignite in the Asile Valley and at Camp Perrin.

— Sur les mines de cuivres de la Grande-Rivière du Nord: Le Moniteur, 59<sup>e</sup> année, No. 45, pp. 408-409, 1904.

Describes mineral deposits near Grande-Rivière du Nord.

— Carte physique et politique de l'île d'Haïti: Port-au-Prince, 1908. Scale, 1: 400,000.

TIPPENHAUER, L. GENTIL, *Die Insel Haiti*, 693 pp., 21 pls., 23 figs., Leipzig, 1893.

A monograph of the island. Contains a great deal of information concerning the geographic features of the Republic. Discussion of geology (pp. 80-121) based principally on Gabb's report on geology of Dominican Republic, supplemented by Tippenhauer's explorations in Republic of Haiti. Contains catalogue of earthquakes from 1551 to 1890 (pp. 170-175) and an extensive bibliography of all subjects (pp. 672-693).

— *Geologische Studien in Haïti; I, Aus der südwestlichen Halbinsel*: Petermanns Mitt., Band 45, pp. 25-29, pl. 3 (map), 1899.

Description of geographic and geologic features of region from Miragoâne to Aquin, westward to St.-Louis du Sud, and between Aquin and Anse-à-Veau.

— *Beiträge zur Geologie Haïtis; II, Aus der nordwestlichen Halbinsel*: Petermanns Mitt., Band 45, pp. 153-155, pl. 10 (map), 1899.

Description of geographic and geologic features of region between Gonaïves and Gros-Morne, Gros-Morne and Le Borgne, Le Borgne and Port Margot, Port Margot and Plaisance, Plaisance and Gros-Morne.

— *Beiträge zur Geologie Haïtis; III, Geologische Studien zwischen Port-au-Prince, Jacmel, Baintet, und Grand-Goave*: Petermanns Mitt., Band 45, pp. 201-204, pl. 13 (map), 2 text figs., 1899.

Description of geographic and geologic features of region given in title.

— *Beiträge zur Geologie Haïtis; IV, Die Erzfundstätten von Terre-Neuve und Gonaïves*: Petermanns Mitt., Band 47, pp. 121-127, pl. 10 (map), 2 text figs., 1901.

Description of geographic features, geology, and mineral deposits of Terre-Neuve district.

— *Beiträge zur Geologie Haïtis; V, Das La Selle-Gebirge, die Cul-de-Sac-Ebene, und das Salzeengebiet*: Petermanns Mitt., Band 47, pp. 169-178, pls. 13, 14 (maps), 1901.

Description of geographic and geologic features of the Cul-de-Sac Plain, and of the mountains south of the west end of the plain. Contains list of earthquakes from 1890 to 1898 (p. 171).

— *Beiträge zur Geologie Haïtis; VI, Das Lignitlager von Maïssade und der Aufsteig zum Zentralplateau von Gonaïves und von Norden aus*: Petermanns Mitt., Band 47, pp. 193-199, pls. 15, 16 (map and sections), 3 text figs., 1901.

Description of geographic and geologic features of northwestern part of the Central Plain; of region between Gonaïves and St.-Michel de l'Atalaye; Gonaïves and Section Paul; St.-Michel de l'Atalaye and Marmalade; St.-Raphaël, Dondon and Grande-Rivière du Nord; Grande-Rivière du Nord and Pignon. Describes lignite near Maïssade.

— *Neuer Beitrag zur Topographie, Bevölkerungskunde und Geologie Haïtis*: Petermanns Mitt., Band 55, pp. 49-57, pl. 5 (map), 1909.

Description of geographic and geologic features of central part of the Central Plain, of the mountains along the northeast border of the plain from Cerca-Carbajal to Los Pozos, of the mountains along the southwest side of the plain from Morne Bois Rouge to Morne Michel (Morne à Tonnerre), of the Artibonite Valley around Mirebalais, and of the mountains south and southwest of the valley from Section Boucassin to Morne Terre-Rouge.

TRUAN Y LUARD, ALFREDO, and WITT, OTTO N., *Die Diatomaceen der Polycystinenkreide von Jérémie in Hayti, Westindien*, 24 pp., 7 pls., Berlin, 1888.

Lists 98 species and varieties of fossil diatoms collected in 1873 near Jérémie. Most of the species and varieties, 37 of which are new, are described and figured. Age of beds not given, but it probably is Quaternary.

VAUGHAN, T. WAYLAND, Geologic history of Central America, and the West Indies during Cenozoic time: Geol. Soc. America Bull., vol. 29, pp. 615-630, 1918.

Contains discussion of geographic and tectonic relations of the island of Haiti.

— The biologic character and geologic correlation of the sedimentary formations of Panama in their relation to the geologic history of Central America and the West Indies: U. S. Nat. Mus. Bull. 103, pp. 547-612, 1919.

Contains discussion of geographic and tectonic relations of the island of Haiti.

— Correlation of the Tertiary formations of Central America and the West Indies: Bernice P. Bishop Museum Special Pub. 7, pp. 819-844, 1921.

Contains discussion of correlation of some of the Tertiary rocks of the Republic.

VAUGHAN, T. WAYLAND, COOKE, C. WYTHE, CONDIT, D. D., ROSS, C. P., WOODRING, W. P., and CALKINS, F. C., A geological reconnaissance of the Dominican Republic: Dominican Rep. Geol. Survey Mem., vol. 1, 268 pp., 23 pls., Washington, 1921.

Plaisance limestone named on page 58. Two specimens of basalt from crest and north slope of Plaisance Mountain described on page 87.

— Un reconocimiento geológico de la República Dominicana: República Dominicana Servicio Geológico Mem., vol. 1, 302 pp., 23 pls., Washington, 1922.

Spanish edition of preceding report.

WETMORE, ALEXANDER, Remains of birds from caves in the Republic of Haiti: Smithsonian Misc. Coll., vol. 74, No. 4, 4 pp., 2 text figs., 1922.

Describes and figures remains of birds, including a huge barn owl, *Tyto ostologa* n. sp., collected during the reconnaissance from caves near St.-Michel de l'Atalaye.

WOODRING, WENDELL P., Middle Eocene Foraminifera of the genus *Dictyoconus* from the Republic of Haiti: Washington Acad. Sci. Jour., vol. 12, pp. 244-247, 1922.

Brief notice of discovery of middle Eocene Foraminifera remarkably similar to species from the middle Eocene of Egypt.

— Stratigraphy, structure, and possible oil resources of the Miocene rocks of the Central Plain: Rep. Haiti Geol. Survey, 19 pp., map, 1922.

Preliminary account of geologic features of the Central Plain.

— Tectonic features of the Republic of Haiti and their bearing on the geologic history of the West Indies (abstract): Washington Acad. Sci. Jour. (Awaiting publication.)

Abstract of a paper describing tectonic features of the Republic and their bearing on interpretation of the great submerged troughs of the West Indies.

— An outline of the results of a geological reconnaissance of the Republic of Haiti: Washington Acad. Sci. Jour., vol. 13, pp. 117-129, 1923.

Brief summary of results of the reconnaissance.

— Tertiary mollusks of the genus *Orthaulax* from the Republic of Haiti, Porto Rico, and Cuba: U. S. Nat. Mus. Proc., vol. 64, art. 1, 12 pp., 2 pls., 1923.

Contains descriptions and figures of unusual specimens of *Orthaulax aguadillensis* Maury collected during the reconnaissance from Miocene beds in the Central Plain.

ANONYMOUS, Copper and iron in Haiti: Min. World, vol. 28, p. 324, 1908.

An optimistic account of the mineral deposits of the Terre-Neuve district.



**ANONYMOUS**, West Indies Pilot, vol. 1, Bermuda Islands, the Bahama Islands, and the Greater Antilles: U. S. Navy Hydrographic Office Pub. 128, 576 pp., map, 4 text figs., (2d ed.), 1917.

Describes coast and harbors of the Republic (pp. 374-388, 437-479).

The publications in the following list, the titles and notes on which are taken from earlier bibliographies or other sources, as noted under each title, have not been examined. There are many publications describing the colony and the Republic, but in both the following and preceding lists only those are given that are known to contain more than incidental geographic information.

In addition to the publications listed, volume 1 of the *Mémoires de la Société Royale des Sciences et Arts du Cap-Français*, published at Cap-Français in 1788, contains seven articles on the Eaux de Boynes;<sup>1</sup> five articles on the mineral springs of Mirebalais, Bánica,<sup>2</sup> Bas Moustion, Grande-Anse,<sup>3</sup> and the Montagne Noire (parish of Grande-Rivière du Nord); two articles on the salines of Aquin and the Artibonite;<sup>4</sup> and an article giving the analysis of a copper-bearing rock from Fort Dauphin. (See Cabon, 1916, pp. 164-165.) Most of these articles are mentioned by Moreau de St.-Méry. This society was founded in 1784 under the name Cercle des Philadelphes and was incorporated in 1789 as the Société Royale des Sciences et Arts du Cap-Français. (See Moreau de St.-Méry, vol. 1, pp. 348-352.)

**ARDOUIN, BEAUBRUN**, Géographie de l'île d'Haïti, précédée du précis et de la date des évènements les plus remarquables de son histoire, 184 pp., Port-au-Prince, 1832.

A later edition in 1856. Description of general geography of the island. From Cabon's bibliographic notes, 1918, p. 124, and Roth's bibliography, p. 45.

**BERNARD, BIEN-AIMÉ JEAN**, Établissement thermal de Cerca la Source, Paris, 1895.

Report of an official examination of the Sources Chaudes de los Pozos. From Cabon's bibliographic notes, 1918, p. 100.

**CHARLEVOIX, PIERRE FRANÇOIS XAVIER DE**, Histoire de l'Isle Espagnole ou de Saint-Domingue, 2 vols., Paris, 1730-1731.

Contains detailed descriptions of the Plaine du Nord (Plaine du Cap) and other regions of the early colony. From Cabon's bibliographic notes, 1916, pp. 159-162.

**DE GENTON**, Essai de minéralogie de l'isle de Saint-Domingue dans la partie françoise: Jour. de Physique, vol. 31, pp. 173-177, 1787.

From Roth's bibliography, p. 58. The title of the periodical probably is "Observations sur la physique, sur l'histoire naturelle et sur les arts, contenant l'abrégé de l'histoire et des mémoires des Académies étrangères de Berlin," etc., later continued under the title "Journal de physique, de chimie et d'histoire naturelle."

**DORSINVILLE, LUC**, Silhouette de la Gonâve: Bull. de l'agriculture et de l'industrie, 1911.

Contains description of geographic features and water resources. From Cabon's bibliographic notes, 1918, p. 105.

<sup>1</sup> See pp. 558-562 of this report.

<sup>2</sup> See pp. 562-564 of this report.

<sup>3</sup> See pp. 564-566 of this report.

<sup>4</sup> See pp. 509-510 of this report.

**DORVO-SOULASTRE**, Voyage par terre de Santa Domingo, capitale de la partie Espagnole de Saint Domingue, au Cap Français, capitale de la partie Française de la même isle, 407 pp., Paris, 1809.

Contains description of an earthquake at the Cap. From Cabon's bibliographic notes, 1918, p. 201, and Roth's bibliography, p. 54.

**DU TERTRE, JEAN BAPTISTE**, Histoire générale des Ant-Isles habitées par les Français, 4 vols., Paris, 1667-1671.

Probably the earliest description of Tortue Island (vol. 2, pp. 30-31). From Cabon's bibliographic notes, 1916, pp. 155-156, and Roth's bibliography, p. 56.

**FORTUNAT, DANTÈS**, Nouvelle géographie de l'île d'Haïti contenant des notions historiques et topographiques sur les autres Antilles, Port-au-Prince, 1888.

From Cabon's bibliographic notes, 1918, p. 124.

**HEPBURN, R. S. E.**, Rapport de M. R. S. E. Hepburn, géologue, au général de division François Jean Joseph, Secrétaire d'État au Département de l'Intérieur et de l'Agriculture: Le Moniteur, 16<sup>e</sup> Année, no. 13, 2 mars, 1861.

Describes lignite deposits near l'Asile, Las Gouamas, Anse-à-Veau, Banica, and Hinche. From Cabon's bibliographic notes, 1918, pp. 98-99.

**HILLION, Mgr.**, Une excursion aux Sources Chaudes de la Grande-Rivière de Jérémie: Bull. Religieux, 1904, no. 8.

From Cabon's bibliographic notes, 1918, p. 100.

**LE RUZIC, I.**, Tournée pastorale; de Torbeck à Jérémie, de Corail aux Cayes, Les Cayes, 1904.

Contains description of geographic features of regions given in title. From Cabon's bibliographic notes, 1918, p. 105.

[**MADIOU, T.**] Notions géographiques et historiques à l'usage des écoles primaires et des écoles rurales de la République d'Haïti, 62 pp., Port-au-Prince, 1875.

A later edition in 1887. From Cabon's bibliographic notes, 1918, p. 124.

**NAU, EUGÈNE** [Several articles on the ore deposits and lignite deposits of the Republic, published in Le Moniteur and La République, 1859 and 1860].

From Cabon's bibliographic notes, 1918, p. 98.

——— Notes sur les Sources Puantes du Cul-de-Sac: La République, 2<sup>e</sup> Année, no. 2.

Description of the Sources Puantes at northwest corner of the Cul-de-Sac Plain. From Cabon's bibliographic notes, 1918, p. 100.

——— [Description of Anse-à-Galets and near-by parts of Gonave Island]: La République, 2<sup>e</sup> Année, nos. 6, 7.

From Cabon's bibliographic notes, 1918, p. 105.

**NICOLSON, —**, Essai sur l'histoire naturelle de l'île de St.-Domingue, 1776.

Contains description of geographic features. From Cabon's bibliographic notes, 1916, pp. 162-163.

**RAMSAY, DIANA**, Abrégé de la géographie d'Haïti à l'usage de la jeunesse Haïtienne, 49 pp., Port-au-Prince, 1857.

From Tippenhauer's bibliography, 1893, p. 679.

**ROUMAIN, EDMOND**, La question des mines en Haïti: Chambre de Commerce française Bull., no. 4, [date?].

Discusses mineral resources of the Republic. From Cabon's bibliographic notes 1918, p. 99.

**ROY, LOUIS**, Les mines de cuivre et de fer de Terre-Neuve: Bull. Officiel de l'Instruction Publique, 6<sup>e</sup> Année, nos. 9, 10, [date?].

(From Cabon's bibliographic notes, 1918, p. 99.)

**THEBAUD, and JEAN LOUIS**, Géographie de l'île d'Haïti, contenant des notices historiques, statistiques, géognostiques, etc., Jacmel, 1886.

From Tippenhauer's bibliography, 1893, p. 680.

**TREMBLY, —**, Essais hydrauliques pour la Plaine de l'Artibonite, ou Mémoires pour indiquer les moyens—1<sup>o</sup>, d'arroser cette plaine; 2<sup>o</sup>, de la préserver d'inondation; et 3<sup>o</sup>, d'empêcher qu'une grande étendue de terres ne soit submergée par les rivières de l'Ester, du Cabeuil et de la Coupe à l'Inde.

From Moreau de St.-Méry, vol. 2, p. 141, 1798.

**WAINRIGHT, J. C., JEANNOT, A., and TIPPENHAUER, L. G.**, Rapport de la Commission chargée d'étudier le tracé d'une ville à la Gonâve, Les Cayes, 1890 [also published in Le Moniteur].

Contains description of geographic and geologic features of Anse-à-Galets and near-by parts of Gonave Island. From Cabon's bibliographic notes, 1918, p. 105.