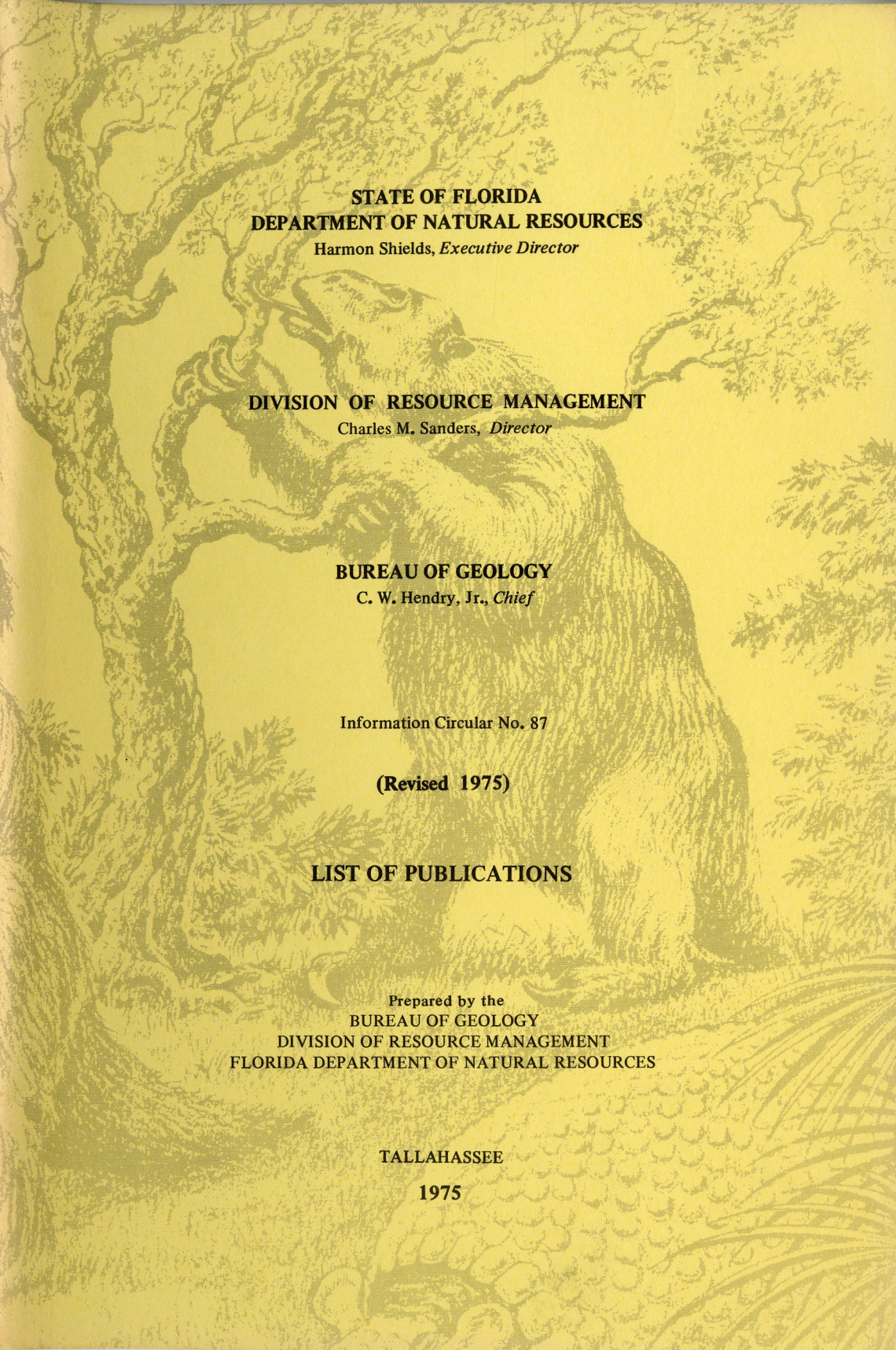

STATE OF FLORIDA
DEPARTMENT OF NATURAL RESOURCES
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BUREAU OF GEOLOGY
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Information Circular No. 87

(Revised 1975)

LIST OF PUBLICATIONS

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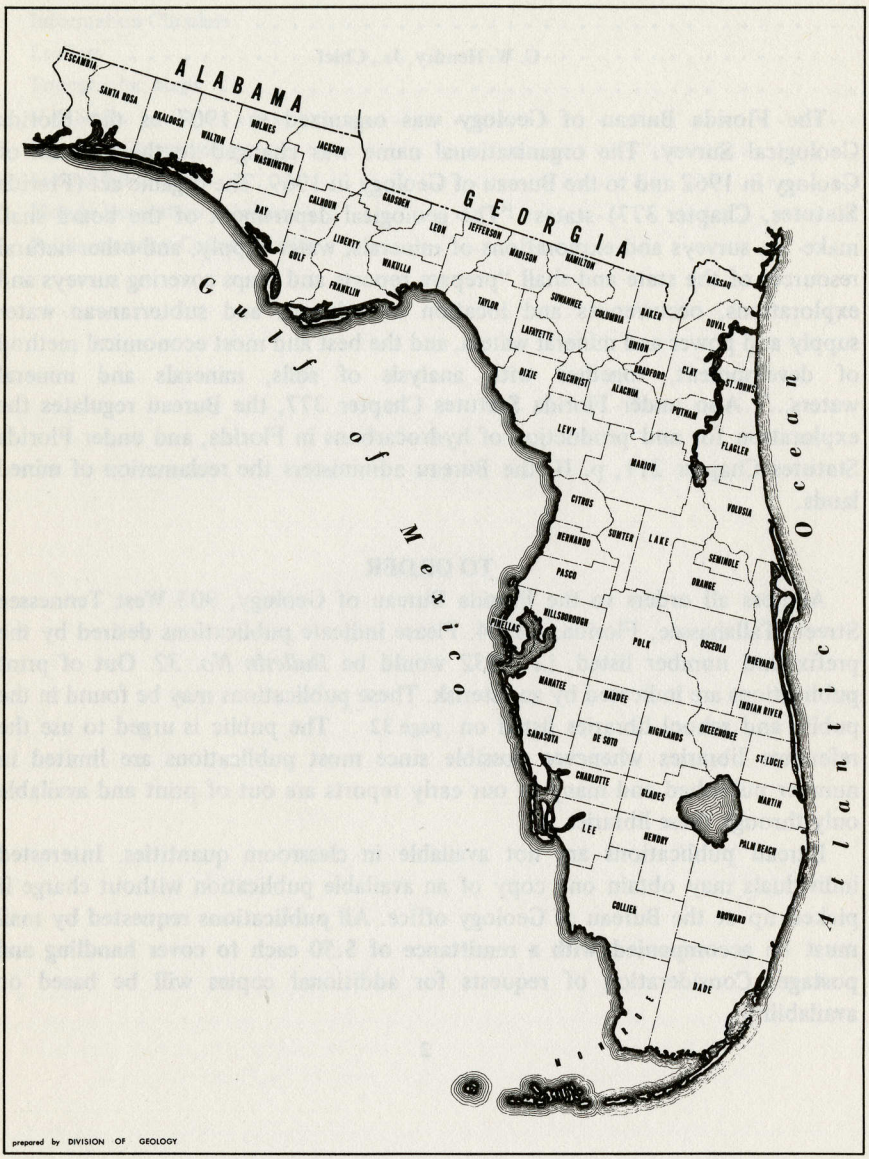

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FLORIDA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RESOURCE MANAGEMENT
BUREAU OF GEOLOGY

C. W. Hendry, Jr., Chief

The Florida Bureau of Geology was organized in 1907 as the Florida Geological Survey. The organizational name was changed to the Division of Geology in 1962 and to the Bureau of Geology in 1969. The organic act (Florida Statutes, Chapter 377) states: "The geological department of the board shall make . . . surveys and explorations of minerals, water supply, and other natural resources of the state and shall "prepare reports and maps covering surveys and explorations, occurrences and location of minerals and subterranean water supply and power and mineral waters, and the best and most economical method of development, together with analysis of soils, minerals and mineral waters..." Also under Florida Statutes Chapter 377, the Bureau regulates the exploration for and production of hydrocarbons in Florida, and under Florida Statutes Chapter 211, p. II, the Bureau administers the reclamation of mined lands.

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Address all orders to the Florida Bureau of Geology, 903 West Tennessee Street, Tallahassee, Florida, 32304. Please indicate publications desired by the prefix and number listed, i.e., *B32* would be *Bulletin No. 32.* Out of print publications are indicated by an asterisk. These publications may be found in the public and school libraries listed on page 32 The public is urged to use the reference libraries whenever possible since most publications are limited in number published and many of our early reports are out of print and available only through these libraries.

Bureau publications are not available in classroom quantities. Interested individuals may obtain one copy of an available publication without charge if picked up at the Bureau of Geology office. **All publications requested by mail must be accompanied with a remittance of $.50 each to cover handling and postage.** Consideration of requests for additional copies will be based on availability.

CONTENTS

ANNUAL REPORTS

*AR 1 1908, 114 p., 6 pl. This report contains (1) a sketch of the geology of Florida, (2) a chapter on mineral industries, including phosphate, kaolin or ball clay, brick-making clays, fullers earth, peat, lime, cement, and road-making materials, (3) a bibliography of publications on Florida Geology, with a review of more important papers published previous to the organization of the present Geological Survey.

*AR 2 1909, 299 p., 19 pl., 5 text fig., 1 map. This report contains (1) a preliminary report on the geology of Florida, with special reference to stratigraphy, including a topographic and geologic map of Florida, prepared in cooperation with the United States Geological Survey, (2) mineral industries, (3) the fullers earth deposits of Gadsden County, with notes on similar deposits found elsewhere in the state.

*AR 3 1910, 397 p., 30 text fig. This report contains (1) a preliminary paper on the Florida phosphate deposits: (2) some Florida lakes and lake basins; (3) the artesian water supply of Eastern Florida; (4) a preliminary report on the Florida peat deposits.

*AR 4 1912, 175 p., 16 pl., 15 text fig., 1 map. This report contains: (1) the soils and other surface residual materials of Florida, their origin, character, and the formations from which derived; (2) the underground water supply of west central and west Florida; (3) the production of phosphate rock in Florida during 1910 and 1911.

*AR 5 1913, 306 p., 14 pl., 17 text fig., 2 maps. This report contains; (1) origin of the hard rock phosphate deposits of Florida; (2) list of elevations in Florida; (3) artesian water supply of eastern and southern Florida; (4) production of phosphate in Florida during 1912; (5) statistics on public roads in Florida.

*AR 6 1914, 451 p., 90 fig., 1 map. This report contains; (1) mineral industries and resources of Florida; (2) some Florida lakes and lake Basins; (3) relation between the Dunnellon formation and the Alachua clays; (4) geography and vegetation of northern Florida.

*AR 7 1915, 342 p., 80 fig., 4 maps. This report contains: (1) pebble phosphates of Florida; (2) natural resources of an area in central Florida (3) soil survey of Bradford County; (4) soil survey of Pinellas County.

*AR 8 1916, 168 p., 31 pl., 14 text fig. This report contains: (1) administrative report and mineral industries of Florida during 1915; (2) description of some Floridian fossil vertebrates, belonging mostly to the Pleistocene; (3) fossil vertebrates from Florida; a new Miocene fauna, a new Pliocene species, the Pleistocene fauna; (4) human remains and associated fossils from the Pleistocene of Florida.

*AR 9 1917, 151 p., 8 pl., 13 fig., 2 maps. This report contains: (1) mineral industries; (2) additional studies in the Pleistocene at Vero, Florida; (3) geology between the Ocklocknee and Aucilla rivers in Florida.

*AR 10 11 1918, 130 p., 4 pl., 9 fig., 2 maps. This report contains: (1) geology between the Apalachicola and Ocklocknee rivers; (2) the skull of a Pleistocene tapir with description of a new species and a note on the associated fauna and flora; (3) geology between the Choctawhatchee and Apalachicola rivers; (4) mineral statistics; (5) mulluscan fauna from the marls near DeLand.

*AR 12 1919, 153 p., 4 maps. This report contains: (1) literature relating to human remains and artifacts at Vero, Florida; (2) fossil bettles from Vero; (3) elevations in Florida; (4) geologic section across the Everglades of Florida; (5) the age of the underlying rocks of Florida as shown by the foraminifera of well borings; (6) review of the geology of Florida with special reference to structural conditions.

*AR 13 1921, 307 p., 3 pl., 43 fig. This report contains; (1) oil prospecting in Florida; (2) statistics of mineral production, 1918; (3) foraminifera from the deep wells of Florida; (4) the geography of central Florida.

*AR 14 1922, 135 p., 10 fig., 1 map. This report contains: (1) statistics on mineral production, 1919 and 1920; (2) on the petroleum possibilities of Florida, including a geologic map.

*AR 15 1924, 266 p., 2 pl., 55 fig. This report contains: (1) statistics on mineral production, 1921 and 1922; (2) a contribution to the late Tertiary and Quaternary paleontology of northeastern Florida; (3) preliminary report on clays of Florida.

*AR 16 1925, 203 p., 52 fig., 2 maps. This report contains (1) administrative report and statistics on mineral production, 1923; (2) a preliminary report on the limestones and marls of Florida.

*AR 17 1926, 5 fig., 2 maps. This report contains: (1) administrative report and statistics on mineral production in 1924; (2) history of soil investigation in Florida and description of the new soil map; (3) generalized soil map of Florida in colors; (4) review of structure and stratigraphy of Florida.

*AR 18 1927, 206 p., 58 fig. This report contains: (1) administrative report and statistics on mineral production, 1925; (2) natural resources of southern Florida.

*AR 19 1928, 183 p., 5 pl., 36 fig., 9 tables. This report contains: (1) administrative report and statistics on mineral production, 1926. (2) sand and gravel deposits of Florida; (3) beach deposits of ilmenite, zircon, and rutile in Florida; (4) new species of Operculina and Discocyclina from the Ocala limestone; (5) new species of Coskinolaand Dictyoconus (?) from Florida.

*AR 20 1929, 294 p., 40 pl., 4 fig., 1 map. This report contains: (1) administrative report and statistics of mineral production in Florida during 1927. (2) geology of Florida with geologic map; (3) extinct land mammals of Florida.

*AR 21 22 1931, 129 p., 39 fig. This report contains: (1) administrative report and statistics of mineral production, 1928-1929; (2) need for conservation and protection of our water supply; (3) the possibility of petroleum in Florida; (4) beaches of

Florida; (5) a palm nut of *Attalea* from the upper Eocene of Florida.

*AR 23 24 1933, 227 p., 11 pl., 23 fig., 3 tables. This report contains: (1) administrative report and statistics on mineral production, 1930-1931; (2) northern disjuncts in northern Florida and cypress domes; (3) notes on the geology and the occurrence of some diatomaceous earth deposits of Florida and diatoms of the Florida peat deposits; (4) groundwater resources of Sarasota County, Florida, and exploration of artesian wells in Sarasota County, Florida.

BIENNIAL REPORTS

*BR 1 1933-1934; including economic investigation of water and mineral resources; 1935, 25 p., 4 fig.

*BR 2 1935-1936; featuring review of the Florida mineral industry, 1934-35. 1937, 29 p., 6 fig.

*BR 3 1937-1938; including review of Florida mineral industry including list of producers and production for 1936, 37. 1939, 28 p., 2 fig.

*BR 4 1939-1940; including review of the Museum collection of rocks, minerals, fossils and artifacts; mineral resources, producers, and production during 1938-39. 1941, 30 p., 1 fig.

*BR 5 1941-1942; museum collection; oil prospecting and well drilling; mineral resources, producers, and production during 1940-41. 1943, 32 p.

*BR 6 1943-1944; water resources, discovery of oil; mineral industry and summaries of production, 1942-1943. 1945, 29 p., 3 fig.

*BR 7 1945-1946; oil propsecting and production; mineral statistics, list of producers, 1944-45. 1947, 22 p.

*BR 8 1947-1948; expanded program in cooperation with other agencies; oil prospecting and production; mineral production and producers during 1946-1947; 1949, 30 p., 3 fig.

*BR 9 1949-1950; well sample library; oil exploration and development data; Florida mineral industry—summary of production and producers during 1948-49. 1951, 32 p., 4 fig.

*BR 10 1951-1952; rock sample and core data; cooperative activities; Florida mineral industry, production and producers during 1950-1951. 1953, 54 p., 9 fig.

*BR 11 1953-1954; rock sample and core data; cooperative activities. Florida mineral industry production, and producers during 1952-53. 1955, 60 p., 4 fig.

*BR 12 1955-1956; duties of the Survey personnel of the Florida and U.S. Geological Surveys; cooperative activities with other agencies; study of the proposed Cross-Florida Barge Canal and Sanford Titusville Canal; Florida mineral industry and producers during 1954-55. 1957, 86 p., 12 fig., 2 tables.

*BR 13 1957-1958; personnel of the Florida and U.S. Geological Surveys; cooperative activities with other agencies; Florida mineral industry and producers during 1956-57. 1959, 84 p., 14 fig., 4 tables.

*BR 14 1959-1960; personnel of the Florida and U.S. Geological Surveys; cooperative activities with other agencies. Florida mineral industry and producers during 1958-59. 1961, 184 p., 12 fig., 10 tables.

Florida Geological Survey Biennial Reports discontinued with the Fourteenth Biennial Report. They are now included in State Board of Conservation Biennial Reports, and the Florida Department of Natural Resources Biennial Reports.

BULLETINS

*Asterisk indicates publication is out of print.

*B 1 The underground water supply of central Florida, by E. H. Sellards, 1908, 103 p., 6 pl., 6 text fig. This bulletin contains: (1) underground water, general discussion; (2) the underground water of central Florida, deep and shallow wells, spring and artesian prospects; (3) effects of underground solution, cavities, sinkholes, disappearing streams, and solution basins; (4) drainage of lakes, ponds, and swamp lands and disposal of sewage by bored wells; (5) water analyses and tables giving general water resources, public water supplies, spring, and well records.

*B 2 Roads and road materials of Florida, by Sellards, Gunter, & Cox, 1911, 31 p., 4 pl. This bulletin contains: (1) an account of the road building materials of Florida; (2) a statistical table showing the amount of improved roads built by the counties of the State to the close of 1910.

*B 3 Miocene gastropods and scaphopods of the Choctawatchee formation of Florida, by W. C. Mansfield, 1930, 189 p., 21 pl.

*B 4 The Foraminifera of the Choctawatchee formation of Florida, by Joseph A. Cushman, 1930, 93 p., 12 pl.

*B 5 (1) A fossil Teleost fish of the Snapper family (Lutianidae) from the lower Oligocene of Florida; by William K. Gregory (2) the Foraminifera of the Marianna limestone of Florida, by W. Storrs Cole and Gerald M. Ponton, 1930, 61 p., 11 pl., 2 fig.

*B 6 The Pliocene and Pleistocene Foraminifera of Florida, by W. Storrs Cole, 1931, 79 p., 3 fig., 2 tables.

*B 7 The Pensacola terrace and associated beaches and bars of Florida, by Frank Leverett, 1931, 44 p., 8 fig., 1 map.

*B 8 Miocene pelecypods of the Choctawhatchee formation of Florida, by W. C. Mansfield, 1932, 240 p., 34 pl., 3 fig.

*B 9 The Foraminifera of the upper middle, and part of the lower Miocene of Florida, by Joseph A. Cushman and Gerald M. Ponton, 1932, 147 p., 17 pl., 2 tables, 1 map.

*B 10 (1) Miocene land mammals from Florida, by George Gaylord Simpson; (2) New Heteromyid rodents from the Miocene of Florida, by Albert Elmer Wood; (3) Aphelops from the Hawthorn formation of Florida, by Edwin H. Colbert; 1932, 58 p., 30 fig.

*B 11 Ground water investigations in Florida, by V. T. Stringfield, 1933, 33 p.

*B 12 New Miocene gastropods and scaphopods from Alaqua Creek Valley, Florida, by W. C. Mansfield, 1935, 50 p., 5 pl.

*B 13 Ostracods of the Arca zone of the Choctawhatchee Miocene of Florida, by Henry V. Howe, 1935, 47 p., 4 pl.

*B 14 Additions to the molluscan fauna of the Alum Bluff Group of Florida, by Julia Gardner, 1936, 82 p., 10 pl.

*B 15 Mollusks of the Tampa and Suwannee limestones of Florida, by W. C. Mansfield, 1937, 334 p., 21 pl.

*B 16 Stratigraphy and micropaleontology of two deep wells in Florida, Mamie S. Hammond, Granberry No. 1, W-285, Jackson Co., and Port St. Joe Paper Company, test wells no. 3, W-288, and no. 4, W-289, Gulf Co., by W. Storrs Cole, 1938, 76 p., 12 pl., 3 fig.

*B 17 Scenery of Florida interpreted by a geologist, by C. Wythe Cooke, 1939, 120 p., 58 fig.

*B 18 Notes on the upper Tertiary and Pleistocene mullosks of peninsular Florida, by W. C. Mansfield, 1939, 76 p., 4 pl., 2 fig., 5 tables.

*B 19 Stratigraphic and paleontologic studies of wells in Florida–No. 1, United Brotherhood of Carpentars and joiners of America, Power House well no. 2, W-448, Polk Co., and Peninsular Oil and Refining Company's J. W. Cory No. 1 well W-445, Monroe Co., by W. Storrs Cole, 1941, 94 p., 18 pl., 4 fig., 1 table.

*B 20 Stratigraphic and paleontologic studies of wells in Florida–No. 2, Suwannee Petroleum Corporation's Sholtz No. 1, W-166, Levy Co., and Florida Oil Discovery Company's Cedar Keys No. 2, W-355, Levy Co., by W. Storrs Cole, 1942, 90 p., 16 pl., 4 fig.

B 21 Geology of Holmes and Washington counties, Florida, by Robert O. Vernon, 1942, 90 p., 16 pl., 4 fig.

*B 22 Contributions to Florida vertebrate paleontology: (1) A fossil squirrel-fish from the upper Eocene of Florida, by G. Miles Conrad, p. 4-25; (2) The rostrum of Felsinotherium ossivalense, by Joseph T. Gregory, p. 27-47; 1941; 47 p., 5 pl., 3 fig.

*B 23 Florida dunes and scrub, vegetation and geology, by Herman Kurz, 1942, 154 p., 25 pl., 24 fig., 3 tables.

*B 24 Florida mineral industry, with summaries of production for 1940 and 1941, by Robert O. Vernon, 1943, 207 p., 40 fig., 25 tables.

*B 25 The natural features of southern Florida, especially the vegetation, and the Everglades, by John H. Davis, Jr., 1943, 311 p., 66 fig., 5 maps, 10 tables.

*B 26 Stratigraphic and paleontologic studies of wells in Florida-No. 3, City of Quincy well, W-4, Gadsden Co., St. Mary's River Oil Corporation, Hilliard Turpentine Company No. 1, W-336, Nassau Co., by W. Storrs Cole, 1944, 168 p., frontispiece, 29 pl., 5 fig. Addendum: Discovery of Oil in Florida, p. 162-163, fig. 4-5.

B 27 Late Cenozoic geology of southern Florida, with a discussion of the ground water, by Garald G. Parker and C. Wythe Cooke, 1944, 119 p., 26 pl., 4 fig.

B 28 Stratigraphic and paleontologic studies of wells in Florida–No. 4, City of Tallahassee water well no. 6, W-453, Leon Co.: Dale Mabry Field water well "B", W-95, Leon Co.: Ravlin-Brown V. G. Phillips No. 1 well, W-440, Wakulla County, by W. Storrs Cole, 1945, 160 p., 22 pl., 8 fig., 17 tables.

*B 29 Geology of Florida, by C. Wythe Cooke, 1945, 342 p., 1 pl. (geologic map in pocket), 47 fig.

B 30 The peat deposits of Florida, their occurrence, development, and uses, by John H. Davis, Jr., 1946, 250 p., frontispiece, 36 fig., 27 tables.

B 31 Springs of Florida, by G. E. Ferguson, C. W. Lingham, S. K. Love, and R. O. Vernon, 1947, 198 p., frontispiece, (spring location map in pocket), 37 fig., 4 tables.

B 32 Elevations in Florida, by Herman Gunter, 1948, 1160 p., 2 fig.

B 33 Geology of Citrus and Levy counties, Florida, by Robert O. Vernon, 1951, 256 p., frontispiece, 2 pl. (geologic map, structure map in pocket), 40 fig., 20 tables.

B 34 Paleontological studies, 1951, 112 p., 12 pl., 18 fig., 3 tables. Part 1–New Tertiary ostracode fauna from Levy County, Florida, by Henry V. Howe, 48 p., 5 pl. Part II–The echinoid fauna of the Inglis member, Moodys Branch formation, by Alfred George Fischer, 58 p., 7 pl., 18 fig., 3 tables.

B 35 Eocene mollusks from Citrus and Levy counties, Florida, by Horace G. Richards and Katherine V. W. Palmer, 1953, 96 p., 13 pl.

B 36 Contribution to the study of the Miocene of the Florida Penhandle, by Harbans S. Puri, 1954, 345 p., 47 pl., 21 fig., 15 tables (location map).

B 37 Geology of Jackson County, Florida, by Wayne E. Moore, 1955, 101 p., frontispiece, 5 pl., 27 fig., 3 tables.

B 38 Stratigraphy and zonation of the Ocala group, by Harbans S. Puri, 1957, 248 p., 3 pl., 30 fig., 3 tables.

B 39 Mining and mineral resources, by James L. Calver, 1957, 132 p., 35 fig., 12 tables.

B 40 Stratigraphy and paleontology of the late Neogene strata of the Caloosahatchee River area of southern Florida, by Jules R. DuBar, 1958, 267 p., 4 pl., 49 fig., 10 tables.

B 41 Some geomorphic features of central peninsula Florida, by William A. White, 1958, 92 p., 3 pl., 14 fig.

B 42 The limestone resources of Washington, Holmes, and Jackson counties, Florida, by William D. Reves, 1961, 121 p., 27 fig., 9 tables.

B 43 Neogene biostratigraphy of the Charlotte Harbor area in southwestern Florida, by Jules R. DuBar, 1962, 83 p., 8 fig., 2 pl., 8 tables.

B 44 The osteology and paleontology of the Passerine birds of Reddick, Florida, by J. Hill Hamon, 1964, 209 p., 13 fig., 3 tables.

B 45 The Regional Lithostratigraphic Analysis of Paleocene and Eocene Rocks of Florida, by Chih Shan Chen, 1965, 105 p., 44 fig., 1 table.

B 46 Geology of Escambia and Santa Rosa Counties, Western Florida Panhandle, by Owen T. Marsh, 1966, 140 p., 28 fig., 5 pl., 16 tables.

B 47 Geology and Ground-water resources of Leon County, Florida, by Charles W. Hendry, Jr. and Charles R. Sproul, 1966, 178 p., 37 fig., 1 pl., 8 tables.

B 48 Geology of Florida, by J. William Yon, Jr., 1966, 115 p., 28 fig., 1 pl., 9 tables.

B 49 Geology of Dixie and Gilchrist counties, Florida, by Harbans S. Puri, J. William Yon, Jr., and Woodson R. Oglesby, 1967, 155 p., 55 fig., 2 pl., 18 tables.

B 50 Mineral Resource Study of Holmes, Walton and Washington Counties, by J. William Yon, Jr. and C. W. Hendry, Jr., 1970, 161 p., 16 fig., 11 tables.

B 51 Geomorphology of the Florida Peninsula, by William A. White, 1970, 164 p., 44 fig., 7 pl.

B 52 Ancient Sea Level Stands in Florida, by E. C. Pirkle, W. H. Yoho, and C. W. Hendry, Jr., 1970, 61 p., 2 fig., 10 tables.

B 53 Corals from the Chipola and Jackson Bluff Formations of Florida, by Norman E. Weisbord, 1972, 100 p., 8 fig., 15 pl.

B 54 (1) Suwannee limestone in Hernando and Pasco counties, Florida, by J. William Yon, Jr. and Charles W. Hendry, Jr., 1972, 42 p., 16 fig., 2 tables (2) Petrography of the Suwannee Limestone, by Anthony F. Randazzo, 1972, 13 p., 7 fig., 1 table.

B 55 Igneous and Metamorphic Basement rocks of Florida, by Charles Milton, 1972, 125 p., 85 fig., 6 tables.

B 56 New and Little-known corals from the Tampa Formation of Florida, by Norman E. Weisbord, 1973, 156 p., 35 pl.

INFORMATION CIRCULARS

*Asterisk indicates publication is out of print.

*IC 1 Exploration for oil and gas in Florida, by Herman Gunter, 1948, 68 p., 2 fig., 2 tables. Revised 1949, 106 p., 3 fig., 2 tables.

*1949 Supplement, 1950, 38 p., 2 fig., 2 tables
*1950 Supplement, 1951, 25 p., 2 fig., 1 table
1951 Supplement, 1952, 11 p., 1 fig., 1 table
1952 Supplement, 1953, 17 p., 1 fig., 1 table
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*1956 Supplement, 1957, 16 p., 2 fig., 1 table
*1957 Supplement, 1958, 16 p., 2 fig., 2 tables
*1958 Supplement, 1959, 13 p., 2 fig., 1 table
1959 Supplement, 1960, 15 p., 2 fig., 1 table
1960 Supplement, 1961, 15 p., 2 fig., 4 tables

*IC 2 Florida kaolins and clays, by James L. Calver, 1949, 59 p., 2 fig., 3 tables.

*IC 3 Ground water in Florida, by H. H. Cooper, Jr. and V. T. Stringfield, 1950, 6 p., 5 fig.

*IC 4 The artesian water of the Ruskin area of Hillsborough County, Florida–interim report, by Harry M. Peek, 1953, 22 p., 7 fig.

*IC 5 Interim report on the ground-water resources of Seminole County, Florida, by Ralph C. Heath and Jack T. Barraclough, 1954, 43 p., 11 fig.

*IC 6 Interim report on the ground-water resources of Manatee County, Florida, by Harry M. Peek and Robert B. Anders, 1955, 38 p., 10 fig.

*IC 7 Interim report on surface-water resources and quality of waters in Lee County, Florida, by William E. Kenner and Eugene Brown, 1956, 69 p., 9 fig., 3 tables.

*IC 8 Interim report on ground-water resources of the northeastern part of Volusia County, Florida, by Granville G. Wyrick and Willard P. Leutze, 1956, 68 p., 14 fig., 4 tables.

*IC 9 Interim report on salt-water encroachment in Dade County, Florida, by Howard Klein, 1957, 5 p., 12 fig.

*IC 10 Interim report on the progress of an inventory of artesian wells in Florida, by Charles W. Hendry, Jr. and James A. Lavendar, 1957, 178 p., 27 fig., 3 tables.

*IC 11 Interim report on the water resources of Brevard County, Florida, by Delbert W. Brown, W. E. Kenner, and Eugene Brown, 1957, 109 p., 30 fig., 15 tables.

*IC 12 Ground-water resources of the Stuart area, Martin County, Florida, by W. F. Lichtler, 1957, 47 p., 9 fig., 4 tables.

*IC 13 Interim report on the ground-water resources of Flagler County, Florida, by Boris J. Bermes, 1958, 32 p., 11 fig., 1 table.

*IC 14 Interim report of the ground-water resources of St. Johns County, Florida, by George R. Tarver, 1958, 35 p., 13 fig., 1 table.

*IC 15 Interim report on the ground-water resources of Putnam County, Florida, by Gilbert W. Leve, 1958, 32 p., 11 fig., 1 table.

*IC 16 Interim report on the changes in the chloride content of ground-water in Pinellas County, Florida, between 1947 and 1956, by D. W. Brown, 1958, 11 p., 4 fig., 1 table.

*IC 17 Interim report on the flood of June 9, 1957, at Perry, Florida, by Rufus H. Musgrove, 1958, 12 p., 8 fig.

*IC 18 Interim report on geology and ground-water resources of Indian River County, Florida, by Boris J. Bermes, 1958, 74 p., 12 fig., 4 tables.

*IC 19 Interim report on records of wells in Manatee County, Florida, by Harry M. Peek, 1958, 199 p., 3 fig., 1 table.

*IC 20 Interim report on surface-water resources, Baker County, Florida, by R. W. Pride, 1958, 32 p., 7 fig., 2 tables.

*IC 21 Final report on an inventory of flowing artesian wells in Florida, by Charles W. Hendry, Jr. and James A. Lavendar, 1959, 30 p., 9 fig., 3 tables.

*IC 22 Record of wells in Ruskin area, Hillsborough County, Florida, by Harry M. Peek, 1959, 85 p., 2 fig., 2 tables.

*IC 23 The geology and ground-water resources of northwestern Polk County, Florida, by Herbert G. Stewart, Jr., 1959, 83 p., 19 fig., 9 tables.

*IC 24 Record of wells in Volusia County, Florida, by Granville G. Wyrick, 1961, 96 p., 2 fig., 1 pl., 1 table.

*IC 25 Surface-water resources of Polk County, Florida, by Richard C. Heath, 1961, 123 p., 50 fig., 9 tables.

*IC 26 Interim report on the hydrologic features of the Green Swamp area in central Florida, by R. W. Pride, F. W. Meyer and R. N. Cherry, 1961, 96 p., 22 fig., 3 tables.

*IC 27 Preliminary investigation of the ground-water resources of northeast Florida, by Gilbert W. Leve, 1961, 28 p., 11 fig., 2 tables.

*IC 28 Reconnaissance of the ground-water resources of the Fernandina area, Nassau

County, Florida, by Gilbert W. Leve, 1961, 24 p., 7 fig., 2 tables.

*IC 29 Ground-water resources of northwest Collier County, Florida, by C. B. Sherwood and Howard Klein, 1961, 44 p., 17 fig., 2 tables.

*IC 30 Interim report on the water resources of Escambia and Santa Rosa counties, Florida, by R. H. Musgrove, J. T. Barraclough and O. T. Marsh, 1961, 89 p., 30 fig., 1 table.

*IC 31 Stage characteristics of Florida lakes, by W. E. Kenner, 1961, 82 p., 62 fig.

*IC 32 Water-resource records of Brevard County, Florida, by D. W. Brown, W. E. Kenner, J. W. Crooks, and J. B. Foster, 1962, 180 p., 7 fig., 16 tables.

*IC 33 Water levels in artesian and nonartesian aquifers of Florida in 1960, by Henry G. Healy, 1962, 19 p., 3 fig., 3 tables.

*IC 34 Ground-water records of Seminole County, Florida, by Jack T. Barraclough, 1962, 148 p., 3 fig., 3 tables.

*IC 35 Well design as a factor contributing to loss of water from the Floridan aquifer-eastern Clay County, Florida, by James B. Foster, 1962, 10 p., 4 fig.

*IC 36 Interim report on the water resources of Alachua, Bradford, Clay and Union counties, Florida, by William E. Clark, Rufus H. Musgrove, Clarence G. Menke and Joseph W. Cagle, Jr., 1962, 92 p., 46 fig., 6 tables.

IC 37 Ground-water records of Flagler, Putnam, and St. Johns counties, Florida, by B. J. Bermes, G. W. Leve, and G. R. Tarver, 1963, 89 p., 5 fig., 3 tables.

* IC 38 Records of wells and water resources data in Polk County, Florida, by Herbert G. Stewart, Jr., 1963, 144 p., 4 fig., 9 tables.

IC 39 Surface-water resources of St. Johns, Flagler, and Putnam counties, by W. E. Kenner and J. W. Crooks, 1963, 44 p., 10 fig., 16 tables.

*IC 40 Maps showing depths of selected lakes in Florida, by W. E. Kenner, 1964, 82 p., 76 fig., 2 tables.

*IC 41 Interim report on the water resources of Orange County, Florida, by William F. Lichtler, Warren Anderson and Boyd F. Joyner, 1964, 50 p., 13 fig., 6 tables.

*IC 42 Summary of Florida petroleum production and exploration in 1962, by Clarence Babcock, 1964, 29 p., 4 fig., 5 tables.

* IC 43 Water-resources data for Alachua, Bradford, Clay, and Union counties, Florida, by William E. Clark, Rufus H. Musgrove, Clarence G. Menke, and Joseph W. Cagle, Jr., 1964, 154 p., 4 fig., 8 tables.

* IC 44 Water-resources records of Hillsborough County, Florida, by C. G. Menke, E. W. Meridith, and W. S. Wetterhall, 1964, 95 p., 4 fig., 13 tables.

IC 78 Records of Hydrologic Data, Walton County, Florida, by Charles A. Pascale, Carl F. Essig, Jr. and Renee R. Herring, 1972, 103 p., 5 fig., 9 tables.

IC 79 Flood of September 20-23, 1969 in the Gadsden County Area, Florida, by W. C. Bridges and D. R. Davis, 1972, 37 p., 23 fig., 3 tables.

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IC 87 **(Revised 1975)** List of Publications, 45 p.

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L 2 Water for Thirsty Industry—It's Your Problem, 9 p., 7 fig.

L 3 The Pensacola Area's Water, 1965, 13 p., 16 fig.

*L 4 Chronological Bibliography of Principal published ground water reports in Florida, prepared by the U.S. Geological Survey or the Florida Geological Survey, 1908-1963, 1965, 18 p., 5 fig.

*L 5 Water Control Versus Sea-Water Intrusion in Broward County, Florida, 1965, 13 p., 9 fig.

*L 6 Jacksonville's Water, 1965, 12 p., 3 fig., 2 tables.

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*L 8 Water in Orange County, Florida, 1968, 17 p., 12 fig.

*L 9 Large Springs of Florida's Sun Coast.

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*MS 2 Land-Pebble Phosphate District, Compiled by J. B. Cathcart and E. L. M. Ward, U.S. Geological Survey. Maps showing mined-out areas and property ownership as of March, 1953, in the land-pebble phosphate district, Polk and Hillsborough counties, Florida. In two sheets, one 36 x 44 inches; the other 30 x 44 inches. Scale approximately 1 mile to 1 inch.

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MS 5 Hydrologic map showing features of the Floridan aquifer in Seminole County, Florida. January, 1963. Map prepared by the U.S. Geological Survey, in cooperation with the Florida Geological Survey, in five colors. Size: 19 x 25 inches. Scale approximately 2 miles to 1 inch.

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*RI 2 Ground water in Lake Okeechobee area, Florida, by V. T. Stringfield, 1933, 31 p.

*RI 3 The dolomitic limestones of Florida, by R. H. Hopkins, 1942, 105 p.

*RI 4 Interim report on the investigations of water resources in southeastern Florida with special reference to the Miami area in Dade County, by Garald G. Parker, George E. Ferguson, and S. Kenneth Love, 1944, 39 p., 9 pl.

*RI 5 Ground water conditions in Orlando and vicinity, by A. G. Unklesbay, 1944, 61 p., 11 fig., 2 tables.

RI 6 Geology and ground water of the Fort Lauderdale area, Florida, by Robert C. Vorkis, 1948, 32 p., 12 pl.

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RI 11 Ground water resources of the Naples area, Collier County, Florida, by Howard Klein, 1954, 64 p., 15 fig., 7 tables.

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Megatherium sp.: Giant ground sloth (ancestral to modern South American tree sloth) attained a height of 20 feet and weighed as much as an elephant. These were terrestrial animals that lived in Florida during the Pliocene-Pleistocene Epochs.

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BUREAU OF GEOLOGY

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