BIBLIOGRAPHY OF MISSISSIPPI GULF COAST GEOLOGY AND RELATED TOPICS

Stephen M. Oivanki
Michael B. E. Bograd
Ervin G. Otvos

CIRCULAR 5

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY

S. Cragin Knox
Director

Jackson, Mississippi
1993
INTRODUCTION

Fundamental to any research on the geology of the Mississippi Gulf Coast is a knowledge of what has been discovered by previous investigators. This bibliography is an attempt to bring into one compilation all previously published works on the subject. Where applicable, this list includes publications on subjects related to geology, such as geomorphology, fauna and flora, oceanography, dredging, pollution, culture and human influence; erosion control, hurricanes, and water resources. In order to keep the list to a manageable size and maintain focus on the younger geologic history and the present geology and geological processes along the coast, the bibliography does not include the literature of petroleum geology, the deeper stratigraphy, tectonics and deeply buried structural features, or botanical or zoological literature except where it may have useful information for physical geology content or environments of deposition. Also excluded is the extensive literature on the Mississippi River birdfoot delta and its former eastern lobes.

Some of the publications are obscure; however, almost all are available from libraries in the state or from the original sources. Abstracts are included in this bibliography where the abstract content is substantial.

The subject index is not intended to highlight each small detail of the contents of the publications listed, but instead to provide a broad index of subject categories to aid in locating particular topics and specific information or data.

ACKNOWLEDGMENTS

This publication began as a listing provided by Dr. Ervin G. Otvos, Gulf Coast Research Laboratory, as part of a contract with the Office of Geology funded by the U. S. Geological Survey. Numerous additions were made over the succeeding months, as well as contributions by other researchers. Particular gratitude is expressed to Klaus Meyer-Arendt of Mississippi State University and Timothy Leary of the University of South Florida for their contributions. Partial funding for this research was provided by the U. S. Geological Survey, Agreement No. 14-08-0001-A0827. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U. S. Government.
BIBLIOGRAPHY


Badger, S., and E. J. Harvey, 1982, Concentrations of seventeen trace metals in the sediment, water, and ribbed mussel (Geukensia demissa) from coastal marshes in Jackson County, Mississippi: Journal of the Mississippi Academy of Sciences, v. 27 supplement, p. 67.

Barfus, B. L., 1984a, Lithologic and seismic determination and correlation of Recent depositional environments in western Mississippi Sound: M. S. thesis, University of Mississippi, 109 p., plates.


Cake, E. W., Jr., 1983, Coastal barriers and shellfish: the relationships between coastal barriers of the Gulf of Mexico and the crustacean and molluscan shellfish that inhabit and depend on the estuaries bounded by those barriers, in S. V. Shabica, N. B. Cofer, and E. W. Cake, Jr., eds., Proceedings of the Northern Gulf of Mexico Estuaries and Barrier Islands Research Conference, 1983, Biloxi,
Miss.: Mississippi-Alabama Sea Grant Consortium Publication 83-012, p. 5-10.


Campion, K. M., 1974, Burrow morphologies of two modern decapod crustaceans in coastal Mississippi and their potential as environmental indicators: M. S. thesis, University of Nebraska, Lincoln.


Capozzoli and Associates, 1990, Obtaining sand for beach, Hancock County, Mississippi: Report, Baton Rouge, La., 5 p. with offshore boring logs and maps.


Continental Shelf Assoc., Inc., 1990, Environmental monitoring program for Mississippi Sound Block 57: Jupiter, Fla., Continental Shelf Assoc., Inc., prepared for Chevron U.S.A., Inc., 22 p., appendices A -C.


Copeland, C. W., Jr., K. F. Rheams, T. L. Neathery, W. A. Gilliland, W. Schmidt, W. C. Clark, Jr., and D. E. Pope,


Cross, R. D., 1979, Land use change as a result of hurricane tidal surge flooding: The case of the Mississippi coastal zone: Mississippi Geographer, v. 7, p. 5-19.


Demoran, W. J., 1988, A location map of the oyster resources in western Mississippi Sound: Mississippi Department of Transportation, Grant 3212-02, Gulf Coast Research Laboratory.


Eleuterius, C. K., 1973a, Hydrography: St. Louis Bay study, Section I: Gulf Coast Research Laboratory, 29 p.


Eleuterius, C. K., 1976a, Delineation of the tidal current regime of Mississippi Sound: Mississippi-Alabama Sea Grant Publication MASGP-Q 76-001, 1 p.


Eleuterius, C. K., 1976c, Mississippi Sound temporal and spatial distribution of nutrients: Mississippi Alabama Sea Grant Publication MASGP-76-024.


Eleuterius, C. K., 1978a, Classification of Mississippi Sound as to estuary hydrological type: Gulf Research Reports, v. 6, no. 2, p. 185-187.


Eleuterius, L. N., 1987a, Final report on the wetland assessment project: Long Beach, Miss.: Gulf Coast Research Laboratory, 72 p.


Escoffier, F. F., 1956b, Harrison County (Miss.) artificial beach: American Society of Civil Engineers, Transactions, Paper 2940.


Fenster, M. S., 1985, Quantitative analysis of the heavy mineral distribution within Recent stream-bed sands of the Pascagoula River system, Southeast Mississippi: M. S. thesis, University of Mississippi.


Gulf Coast Research Laboratory, 1973 and 1978, Comprehensive reports on St. Louis Bay in seven sections, including hydrography, fauna, toxicity, trace metals, microbiology, geology: Gulf Coast Research Laboratory, Prepared for The DuPont Company.

Gunter, G., 1976, Notes on the length of the Mississippi seacoast and some comparisons with other states: Journal of the Mississippi Academy of Sciences, v. 21 supplement, p. 21.


Harvey, E. J., R. Herrington, and Z. Kabir, 1982, Concentrations of five trace metals in the oysters (Crassostrea virginica) and clams (Rangia cuneata) of the Graveline Lake and bayou system of Ocean Springs, Mississippi: Journal of the Mississippi Academy of Sciences, v. 27 supplement, p. 68.


Henry, V. J., 1975, Environmental study and monitoring program for the Fort Massachusetts beach reclamation, stabilization and nourishment project, Ship Island, MS: National Park Service, Southeast Regional Office, Second Progress Report, 5 p. with illus. map.


Hoskin, C. M., 1971a, Sedimentation in St. Louis Bay, Mississippi: Water Resources Research Institute, Mississippi State University, 22 p.

Isphording, W. C., 1972, Oyster reef sedimentation, Biloxi Bay area, Mississippi: Water Resources Research Institute, Mississippi State University, 34 p.

Isphording, W. C., 1974, Oyster reef sedimentation, Biloxi Bay, Mississippi: Southeastern Geology, v. 16, no. 1, p. 41-57.


Krutak, P. R., 1972, Environmental parameters and modern Foraminifera and Ostracoda, Bay St. Louis, Mississippi, U.S.A.: Geological Society of America, Rocky Mountain Section 25th Annual Meeting, Abstracts with Programs, v. 4, no. 6, p. 386.


Krutak, P. R., 1975a, Ecology, distribution, and taxonomy of Herpetocypris amychos, a new brackish-water ostracod, Bay St. Louis, Mississippi: Gulf Coast Association of Geological Societies, Transactions, v. 25, p. 318-335.


Krutak, P. R., 1977, Species distribution and niche breadth of Holocene Ostracoda, Bay St. Louis, Mississippi: Geological Society of America, Abstracts with Programs, v. 9, no. 7, p. 1060-1061.


Lytle, T. F., 1972a, Fatty alcohols in a peaty bog of coastal Mississippi: Geological Society of America, Abstracts with Programs, v. 4, no. 7, p. 582.


Marion, C. P., Jr., 1951, A study of the Recent marine sediments in the Biloxi-Ocean Springs area of the Mississippi Gulf Coast: M. S. thesis, Mississippi State University. 52 p., 36 figures.


Minshew, V. H., et al., 1974, Environmental geological analysis, Jackson County, Mississippi: Mississippi Mineral Resources Institute, University of Mississippi, 228 p.


Newcome, R., Jr., 1965, Geology and ground-water resources of the Pascagoula River basin: Mississippi Board of Water Commissioners, Mississippi Water News, v. 11, no. 13, p. 1.


Oivanki, S. M., J. S. Moody, and B. Yassin, 1993a, Historical shoreline analysis of the Mississippi Gulf Coast: Coastal Zone ’93, Eighth Symposium on Coastal and Ocean Management, Proceedings, p. 3347-3354.


Otvos, E. G., 1972a, Pre-Sangamon beach ridges along the northeastern Gulf Coast - fact or fiction?: Gulf Coast Association of Geological Societies, Transactions, v. 22, p. 223-228.


Otvos, E. G., 1973b, Sediments and sediment chemistry, St. Louis Bay and Bay entrance oyster reef, Mississippi coast, in The prediction of ecological alterations caused by pollutants: Sea Grant Research Project RJS4-II, 57 p.


Otvos, E. G., 1976b, Mississippi offshore inventory and geological mapping project: Mississippi Marine Resources Council, 27 p., with map plates and cross sections.


Otvos, E. G., 1988a, Late Holocene barrier and marshland evolution, southwest Mississippi: Mississippi Geology, v. 8, no. 3, p. 5-11.


Otvos, E. G., 1988c, Shallow aquifers and their stratigraphy, Mississippi coast: Journal of the Mississippi Academy of Sciences, v. 33, p. 94.


Otvos, E. G., 1990a, Geological mapping projects, coastal Mississippi; past results and suggestions for the future,


Paulson, O. L., Jr., C. M. Gros, J. C. Hovanesian, and R. J. Tarbutton, no date, Dredge spoils in Mississippi Sound: Hattiesburg, University of Southern Mississippi, 48 p.
Paulson, O. L., Jr., et al., 1974, Reconnaissance of the flushing characteristics and water quality in coastal canals of the Gulf of Mexico: Water Resources Research Institute, Mississippi State University, 21 p.

Paulson, O. L., Jr., and G. F. Pessoney, 1975, Residential canals along the Gulf coast: Water Resources Research Institute, Mississippi State University, 40 p.

Paulson, O. L., Jr., et al., 1977, Hydrologic and biologic characteristics of natural channels in coastal marsh of Mississippi: Water Resources Research Institute, Mississippi State University, 22 p.


Reynolds, R., and A. Thompson, 1974, Occurrence and distribution of clay minerals and trace metals in the bottom sediment of Biloxi Bay, Mississippi: Water Resources Research Institute, Mississippi State University, Pub. A073-MISS.


Rogers, D. M., 1984, Geomorphology and sedimentology of the Hancock County ridge complex, coastal Mississippi: M. S. thesis, Mississippi State University, 52 p., 19 figures.


Sand Beach Planning Team, 1986, Master plan for shorefront protection and utilization, Hancock County, Mississippi: Hancock County Board of Supervisors, Sand Beach Planning Team, Final Report, 105 p., appendices A-E.


Scott, H. G., 1960, A statistical analysis of the heavy minerals of the offshore islands of the Mississippi Sound from Dauphin Island to Cat Island: M. S. thesis, Mississippi State University, 47 p., 23 figures, 1 plate.


Stevens, M. G., 1990, Stratigraphy and environmental hydrogeology of the solid waste disposal site, Stennis Space Center, Hancock County, Mississippi: M. S. thesis, University of Southern Mississippi.


Taylor, R. H., 1983, Distribution of Holocene foraminifera in St. Louis Bay and a comparison with the distribution in Mobile Bay: Journal of the Mississippi Academy of Sciences, v. 28 supplement, p. 23.


U. S. Army Corps of Engineers, 1979b, Dredged material disposal study, Mississippi Sound and adjacent areas: U. S. Army Corps of Engineers, (A) Stage 1 Reconnaissance Report, 180 p. in five segments and plates, (B) Executive Summary, 9 p.


Wilson, W. K., 1951, Beach erosion problems in the Mobile District: Shore and Beach, v. 19, no. 2, p. 8-10.


SUBJECT INDEX

Barrier Islands
Bartrnan, D. P., and S. V. Shabica, 1978
Cake, E. W., Jr., 1983
Caputo, M. V., and S. M. Oivanki, 1992
Cofer-Shabica, S. V., 1989
Dixon, C. B., 1990 Dolan, R.,
et al., 1982 Foxworth, R. D.,
1958 Foxworth, R. D., et al.,
1962
Glezen, W. H., 1951
Gulf South Research Institute, 1978
Hahn, A. D., 1962
Harding, J. L., 1960
Harrison, W. E., 1973
Henry, V. J., 1975
Henry, V. J., and R. T. Giles, 1975
Himes, P., and S. A. Brown, 1983
Hoyt, J. H., 1970 Hsu,
K. L., 1960 Jacobs, K.
S., 1980 Jarman, M.
C., 1982 Knowles, S.
C., 1989
Knowles, S. C., and J. D. Rosati, 1989
Krutak, P. R., and E. G. Otvos, 1980
Kwon, H. J., 1969
Lanigan, D. M., 1979
Malbrough, L. P., and T. H. Waller, 1977
McFadden, T. R., et al., 1982
Meadows, J., 1975
Miller, D. D., 1972
Nummedal, D., 1983
Nummedal, D., R. Manty, and S. Penland, 1980a
Nummedal, D., et al., 1980b
Otvos, E. G., 1970d
Otvos, E. G., 1970b
Otvos, E. G., 1975a
Otvos, E. G., 1977
Otvos, E. G., 1979a
Otvos, E. G., 1979b
Otvos, E. G., 1981b
Otvos, E. G., 1982b
Otvos, E. G., 1985a
Otvos, E. G., 1986a
Otvos, E. G., 1986b
Penfound, W T., and M. E. O'Neal, 1934
Priddy, R. R., and B. L. Smith, 1960
Reynolds, W. R., 1985
Richmond, E. A., 1962
Richmond, E. A., 1968
Rucker, J. B., 1991
Rucker, J. B., and J. O. Snowden, 1988
Rucker, J. B., and J. O. Snowden, 1989
Rucker, J. B., and J. O. Snowden, 1990
Scott, H. G., 1960
Shabica, S. V., 1982
Shabica, S. V., et al., 1978
Shabica, S. V., and J. Watkins, 1982
Shabica, S. V., et al., 1984
Shepard, F. P., 1960
Sherrard, R. M., 1983
Simonson, D. N., 1983
Simonson, D. N., and M. A. Meylan, 1983a
Stow, S. H., et al., 1976
U. S. Army Corps of Engineers, 1970a
Waller, T. H., and L. P. Malbrough, 1976a
Waller, T. H., and L. P. Malbrough, 1976b
Walton, W. R., 1960
Weidie, A. E., 1968
Wimberley, C. S., 1955
Wimberley, C. S., 1956
Wimberley, J. R., 1985
Zapel, C. L., 1983
Zapel, C. L., 1984

Beach Nourishment
Brown and Mitchell, Inc., 1990
Brown and Russell, Inc., 1972
Burden, W. W., n.d.
Capozzoli and Associates, 1972a
Capozzoli and Associates, 1990
Davis, D. W., 1988
Escoffier, F. F., 1956a
Escoffier, F. F., 1956b
Escoffier, F. F., and W. L. Dolive, 1954
Henry, V. J., 1975
Henry, V. J., and R. T. Giles, 1975
MacArthur, A., 1956
Meyer-Arendt, K. J., 1991a
Meyer-Arendt, K. J., 1991b
Meyer-Arendt, K. J., 1992
Sand Beach Planning Team, 1986 Shaw, H.
D., 1930
Watts, G. M., 1958

Biloxi Bay
Barton, C. A., 1952
Budnir, G. A., 1978b
Capozzoli and Associates, 1972b
Capozzoli and Associates, 1972c
Eleuterius, C. K., 1974
Hoskin, C. M., 1972
Hoskin, C. M., 1974
Reynolds, R., and A. Thompson, 1974
Snowden, J. O., 1961
Snowden, J. O., 1962
U. S. Army Corps of Engineers, Mobile District, 1977

Continental Shelf

Cranton, R., and J. R. Woolsey, 1988
Dinnel, S. P., 1988
Doyle, L., and T. Sparks, 1980
Howard, R. O., Jr., 1990
Kindinger, J. L., 1984
Kindinger, J. L., 1986
Kindinger, J. L., 1988
Kindinger, J. L., et al., 1982
Kindinger, J. L., et al., 1989
Kindinger, J. L., et al., 1991
Ludwick, J. C., 1957
Ludwick, J. C., 1964
Ludwick, J. C., and W. R. Walton, 1957
State University System of Florida, Institute of Oceanography, 1977

Culture

Coastal Environments, Inc. (Baton Rouge), 1977
Criswell, M. E., and R. S. Cummins, 1970
Cross, R. D., 1979
Field, R. M., and Assoc., Inc., 1985
Gagliano, S. M., et al., 1982
Jarman, M. C., 1982 Meyer-Arendt, K. J., 1991a
Meyer-Arendt, K. J., 1991b
Meyer-Arendt, K. J., 1992
Otvos, E. G., and L. N. Eleuterius, 1979
Rucker, J. B., and J. O. Snowden, 1988
Sand Beach Planning Team, 1986
Shabica, S. V., 1982

Depositional Environments

Barfus, B. L., 1984a
Barfus, B. L., 1984b
Bonn, G., 1986
Bonn, G. N., and F. Froelicher, 1986a
Bonn, G. N., and F. Froelicher, 1986b
Boone, P. A., 1973
Butts, W. T., 1957
Carroll, H. C., 1982
Carroll, H. C., 1984
Chastain, D. L., 1984
Curray, J. R., and D. G. Moore, 1963
Dixon, C. B., 1990
Griffin, G. M., 1962
Griffin, G. M., and B. S. Parrott, 1964

Dredging

Brown and Mitchell, Inc., 1990
Brown and Russell, Inc., 1972
Capozzoli and Associates, 1972b
Capozzoli and Associates, 1972c

26
Saucier, R. T., et al., 1978
U. S. Army Corps of Engineers, 1935
U. S. Army Corps of Engineers, 1979b
U. S. Army Corps of Engineers, 1984
U. S. Army Corps of Engineers, 1986
U. S. Army Corps of Engineers, 1987
U. S. Army Corps of Engineers, 1988
U. S. Army Corps of Engineers, 1989
U. S. Army Corps of Engineers, 1991
U. S. Army Corps of Engineers and U. S. Navy, 1990
U. S. Environmental Protection Agency, 1991
Vittor, B. A., and Assoc., Inc., 1978
Water and Air Research, Inc. (Gainesville, FL), 1975
Waters, D. S., Jr., 1982
Watts, G. M., 1958

Erosion Rates
Brannon, D. P., and S. V. Shabica, 1978
Byrnes, M. R., et al., 1990
Byrnes, M. R., et al., 1993
Malbrough, L. P., and T. H. Waller, 1977
Oivanki, S. M., et al., 1993a
Oivanki, S. M., et al., 1993b
Shabica, S. V., et al., 1984
Suhayda, J. N., and S. M. Oivanki, 1993
Wilson, W. K., 1951

Fauna
Anderson, J. B., 1968
Badger, S., and E. J. Harvey, 1982
Boschung, H. T., and G. Gunter, 1962
Butler, P. A., 1952
Cake, E. W., Jr. 1983
Campion, K. M., 1974
Cranton, R. G., 1986
Demoran, W. J., 1979
Demoran, W. J., 1988
Eleuterius, C. K., 1972
Eleuterius, C. K., 1973b
Eleuterius, C. K., 1977
Engle, J. B., 1948
Franks, J. S., et al., 1972
Gorman, L. T., 1980
Gorman, L. T., 1984
Gulf Coast Research Laboratory, 1973 and 1978
Guy, W. V., Jr., 1975
Harvey, E. J., et al., 1982
Hoskin, C. M., 1972
Hoskin, C. M., 1974
Ingram, S. L., 1991
Ispphording, W. C., J. A. Stringfellow, and R. E. Helton, Jr., 1983
Krutak, P. R., 1972
Krutak, P. R., 1973
Krutak, P. R., 1975a
Krutak, P. R., 1975b
Krutak, P. R., 1977
Krutak, P. R., 1978
Krutak, P. R., and D. D. Miller, 1972
Krutak, P. R., and E. G. Otvos, 1980
Ladner, C. M., and J. S. Franks, 1984
Lariccia, M. P., and P. R. Krutak, 1983
Lytle, T. F., and J. S. Lytle, 1982
McCarty, J. E., 1973
McFadden, T. R., et al., 1982
Miller, D. E., 1972
Moore, D. R., 1961
Moore, H. F., 1913
Ogle, J., 1979
Otvos, E. G., 1976e
Otvos, E. G., and L. D. Campbell, 1992
Phleger, F. B., 1954
Richmond, E. A., 1962
Richmond, E. A., 1968
Sherrard, R. M., 1983
Taylor, R. H., 1983
Upshaw, C. F., et al., 1966
U. S. Army Corps of Engineers, 1982
U. S. Fish and Wildlife Service, 1989
Walton, W. R., 1960

Flora
Brown, L. R., et al., 1979
Delcourt, P. A., 1978
Eleuterius, C. K., 1973b
Eleuterius, L. N., 1972
Eleuterius, L. N., 1973
Eleuterius, L. N., 1976
Eleuterius, L. N., 1978
Eleuterius, L. N., 1981
Eleuterius, L. N., 1987a
Eleuterius, L. N., 1987b
Gorman, L. T., 1980
Gorman, L. T., 1984
Lytle, T. F., and J. R. Sever, 1971
Otvos, E. G., and L. N. Eleuterius, 1979
Penfound, W. T., and M. E. O'Neal, 1934
Richmond, E. A., 1962
Richmond, E. A., 1968
Sullivan, M. J., 1977
Yeargan, M. E., 1980
Yeargan, M. E., 1981
General Studies

Barrineau, R. D., 1983
Boesch, C. E., et al., 1938
Brower, W. A., et al., 1972
Brunton, G. D., ed., 1984
Canis, W. F., et al., 1985
Christmas, J. Y., ed., 1973
Collins, T. P., 1982
Cooper, D. H., and B. A., Madlinger, 1982
Copeland, C. W., Jr., et al., 1988
Dames and Moore, 1979
Eleuterius, C. K., 1972
Eleuterius, C. K., 1974b
Eleuterius, C. K., 1979b
Escoffier, F. F., 1956a
Field, R. M., and Assoc., Inc., 1985
Gulf Coast Research Laboratory, 1973 and 1978
Irby, B. N., and D. McCaughan, eds., 1975
Kelly, J. R., 1982
LaGarde, V., 1983
Lewis, P. L., 1982
Lowe, E. N., 1919
Lowe, E. N., 1930
Lucas, W. C., 1975
Manley, F. H., et al., 1981
Minshew, V. H., et al., 1974
Minshew, V. H., et al., 1977a
Morse, W. C., 1938
Otvos, E. G., 1973a
Otvos, E. G., 1973c
Otvos, E. G., 1976b
Otvos, E. G., 1982a
Otvos, E. G., 1982b
Otvos, E. G., 1985c
Otvos, E. G., 1990a
Otvos, E. G., 1993b
Otvos, E. G., 1993c
Otvos, E. G., and D. Nummedal, 1985
Ray, T. M., 1975
Raytheon, 1981
Sand Beach Planning Team, 1986
Schroeder, W. W., 1976
Shepard, F. P., and H. R. Wanless, 1971
U. S. Army Corps of Engineers, 1935
U. S. Army Corps of Engineers, 1970a
U. S. Army Corps of Engineers, 1978
U. S. Army Corps of Engineers, 1979a
U. S. Army Corps of Engineers, 1983
U. S. Department of the Interior, 1970

U. S. Fish and Wildlife Service, 1989
Van Besien, A. C., and A. M. M. Hebrul Anam, 1989
Van Besien, A. C., and A. M. M. Hebrul Anam, 1990
Van Besien, A. C., et al., 1991
Vittor, B. A., and Assoc., Inc., 1985

Geomorphology

Bonn, G. N., and F. Froelicher, 1986a
Bonn, G. N., and F. Froelicher, 1986b
Brown, L. R., et al., 1979
Canis, W. F., et al., 1985
Caputo, M. V., and S. M. Oivanki, 1992
Cofer-Shabica, S. V., 1989
Cross, R. D., 1979
Dolan, R., et al., 1982
Eleuterius, C. K., 1972
Eleuterius, C. K., 1973b
Eleuterius, C. K., 1978a
Eleuterius, C. K., 1978b
Eleuterius, L. N., 1972
Eleuterius, L. N., 1987a
Gagliano, S. M., and B. G. Thom, 1967
Glezen, W. H., 1951
Gunter, G., 1976 Hardin, J. D., et al., 1976 Jacobs,
Kindinger, J. L., 1986
Knowles, S. C., and J. D. Rosati, 1989
Kramer, K., 1990
Ladner, C. M., and J. S. Franks, 1984
Lins, T. W., and D. M. Rogers, 1986
McAuliffe, L. E., 1980
McAuliffe, L. E., 1984
Meyer-Arendt, K. J., 1988
Meyer-Arendt, K. J., 1989
Meyer-Arendt, K. J., 1991a
Meyer-Arendt, K. J., 1991b
Meyer-Arendt, K. J., 1992
Meyer-Arendt, K. J., and D. Fornsheil, 1989
Meyer-Arendt, K. J., and C. A. Gazzier, 1990
Nummedal, D., 1983
Nummedal, D., R. Manty, and S. Penland, 1980a
Nummedal, D., et al., 1980b
Otvos, E. G., 1972a
Otvos, E. G., 1975c
Otvos, E. G., 1975d
Otvos, E. G., 1976a
Otvos, E. G., 1978a
Otvos, E. G., 1979a
Otvos, E. G., 1979b
Otvos, E. G., 1981c
Otvos, E. G., 1985c
Otvos, E. G., 1988a
Otvos, E. G., 1993a
Otvos, E. G., and W. A. Price, 1979
Owen, G. C., 1984
Paulson, O. L., Jr., and G. F. Pessoney, 1975
Ray, T. M., 1975
Rogers, D. M., 1984
Rucker, J. B., and J. O. Snowden, 1988
Rucker, J. B., and J. O. Snowden, 1989
Rucker, J. B., and J. O. Snowden, 1990
Saucier, R. T., 1977
Shabica, S. V., 1982
Shabica, S. V., et al., 1978
Shabica, S. V., and J. Watkins, 1982
Shabica, S. V., et al., 1984
Shepard, F. P., and H. R. Wanless, 1971
Smith, W. E., 1986
Staheli, A. C., et al., 1980
U. S. Army Corps of Engineers, 1970a
Waller, T. H., and L. P. Malbrough, 1976a
Waller, T. H., and L. P. Malbrough, 1976b
Willetts, C. E., 1981
Willetts, C. F., 1984
Willetts, C. F., et al., 1980
Wilson, K. V., and J. W. Hudson, 1969
Wilson, W. K., 1951
Yeargan, M. E., 1980
Yeargan, M. E., 1981
Zapel, C. L., 1983
Zapel, C. L., 1984

Hurricanes

Abel, C. E., et al., 1989
Bohman, L. R., and J. C. Scott, 1980
Criswell, M. E., and R. S. Cummins, 1970
Cross, R. D., 1979
DeVries, D. A., 1969
Engle, J. B., 1948
Nummedal, D., 1983
Nummedal, D., et al., 1980b
Spencer, J. A., 1982
Sullivan, C. L., 1985
U. S. Army Corps of Engineers, Mobile District, 1966
U. S. Army Corps of Engineers, 1967
U. S. Army Corps of Engineers, 1970b
U. S. Army Corps of Engineers, 1972
U. S. Army Corps of Engineers, 1981a
Wilson, K. V., and J. W. Hudson, 1969

Marshes

Badger, S., and E. J. Harvey, 1982
Bonn, G., 1986
Bonn, G. N., and F. Froelicher, 1986a
Bonn, G. N., and F. Froelicher, 1986b
Bonn, G. N., and D. M. Patrick, 1987
Brown, L. R., et al., 1979
Cruz, A. A., 1976
DeCoeur, P. A., 1978
Eleuterius, C. K., 1973b
Eleuterius, L. N., 1972
Eleuterius, L. N., 1978
Eleuterius, L. N., 1981
Eleuterius, L. N., 1987a
Eleuterius, L. N., 1987b
Gazzier, C. A., et al., 1980
Gorman, L. T., 1980
Gorman, L. T., 1984
Lariccia, M. P., and P. R. Krutak, 1983
Lytle, T. F., 1972a
Meyer-Arendt, K. J., 1988
Meyer-Arendt, K. J., 1989
Meyer-Arendt, K. J., and D. Fornshell, 1989
Meyer-Arendt, K. J., and C. A. Gazzier, 1990
Paulson, O. L., Jr., et al., 1977
Priddy, R. R., 1955
Sever, J. R., et al., 1972
Sullivan, M. J., 1977
Yeargan, M. E., 1980
Yeargan, M. E., 1981

Micropaleontology

• Anderson, J. B., 1968
Cranton, R. G., 1986
Havard, D. A. H., 1978
Krutak, P. R., 1972
Krutak, P. R., 1973
Krutak, P. R., 1975a
Krutak, P. R., 1975b
Krutak, P. R., 1977
Krutak, P. R., 1978
Krutak, P. R., and D. D. Miller, 1972
Krutak, P. R., and E. G. Otvos, 1980
Lariccia, M. P., and P. R. Krutak, 1983
McFadden, T. R., et al., 1982
Miller, D. D., 1972
Otvos, E. G., and W. D. Bock, 1976
Phleger, F. B., 1954
Sullivan, M. J., 1977
Taylor, R. H., 1983
Upshaw, C. F., et al., 1966
Walton, W. R., 1960
Mineral Resources

Cranton, R., and J. R. Woolsey, 1988
Demoran, W. J., 1979
Dixon, C. B., 1990
Drummond, S. E., 1976
Eleuterius, C. K., 1979a
Fenster, M. S., 1985
Foxworth, R. D., 1958
et al., 1962
Gilliland, W., 1966
Gunter, G., and W. J. Demoran, 1976
Hahn, A. D., 1962
Harrison, W. E., 1973
Lowe, E. N., 1919
Otvos, E. G., 1984
Otvos, E. G., 1985b
Otvos, E. G., 1986b
Otvos, E. G., 1992
Otvos, E. G., and W. B. Sikora, 1991
Scott, H. G., 1960
Simonson, D. N., 1983
Simonson, D. N., and M. A. Meylan, 1983a
Simonson, D. N., and M. A. Meylan, 1983b
Stow, S. H., et al., 1976
Woolsey, J. R., 1984
Woolsey, J. R., et al., 1985

Oceanography

Abel, C. E., et al., 1989
Butler, H. L., and Y. P. Sheng, 1983
Dinnel, S. P., 1988
Eleuterius, C. K., 1972
Eleuterius, C. K., 1973a
Eleuterius, C. K., 1974a
Eleuterius, C. K., 1975
Eleuterius, C. K., 1976a
Eleuterius, C. K., 1976b
Eleuterius, C. K., 1976c
Eleuterius, C. K., 1976d
Eleuterius, C. K., 1977
Eleuterius, C. K., 1978a
Eleuterius, C. K., 1978c
Eleuterius, C. K., 1979a
Escoffier, F. F., 1978
Faye, R. E., 1980
Griffin, G. M., 1962
Gulf Coast Research Laboratory, 1973 and 1978
Ingram, S. L., 1991
Jensen, R. E., 1983
Kjerfve, B., 1983
Kjerfve, B., and J. E. Sneed, 1984
Ladner, C. M., and J. S. Franks, 1984
Lytle, T. E., and J. S. Lytle, 1985
Mulkana, M. S., 1966
Outlaw, D. G., 1983
Price, J. B., and G. Gunter, 1964
Schmalz, R. A., Jr., 1981
Schmalz, R. A., Jr., 1985
Schroeder, W. W., 1976
Seim, H. E., et al., 1987
Snowden, J. O., 1961
State University System of Florida, Institute of Oceanography, 1977
Suhayda, J. N., and S. M. Oivanki, 1993
U. S. Army Corps of Engineers, 1982
Vittor, B. A., and Assoc., Inc., 1985
Wang, Shy-Yi, 1982
Zapel, C. L., 1983
Zapel, C. L., 1984

Pascagoula River

Bednar, G. A., 1978c
Faye, R. E., 1980
Fenster, M. S., 1985
Field, R. M., and Assoc., Inc., 1985
Harvey, E. J., and J. L. Nichols, 1960
Harvey, E. J., et al., 1959
Harvey, E. J., et al., 1965
Newcomm, R., Jr., 1965
Newcomm, R., Jr., 1967b
Ross, W. R., 1980
Shattles, D. E., 1973
U. S. Army Corps of Engineers, 1987
U. S. Army Corps of Engineers, 1989

Pearl River

Bonn, G. N., 1986
Hatfield, J. D., 1984
Newby, R. A., 1983
Snowden, J. O., and G. M. Forsthoff, 1976a
Snowden, J. O., and G. M. Forsthoff, 1976b

Pollution

Badger, S., and E. J. Harvey, 1982
Continental Shelf Assoc., Inc., 1990
Eleuterius, C. K., 1972
Franckiewicz, V., Jr., 1976
Gulf Coast Research Laboratory, 1973 and 1978
Harvey, E. J., et al., 1982
Isphording, W. C., J. A. Stringfellow, and R. E. Helton, Jr., 1983
Isphording, W. C., and G. M. Lamb, 1985
Ladner, C. M., and J. S. Franks, 1984
Lytle, J. S., and T. F. Lytle, 1983
Lytle, T. F., 1972b
Lytle, T. F., and J. S. Lytle, 1976
Lytle, T. F., and J. S. Lytle, 1980
Lytle, T. F., and J. S. Lytle, 1982
Lytle, T. F., and J. S. Lytle, 1985
McCarty, J. E., 1973
O’Brien, P. A., 1984a
O’Brien, P. A., 1984b
Otvos, E. G., 1973b
Palmer, S. E., 1975
Reynolds, R., and A. Thompson, 1974
Snowden, J. O., 1961
Stevens, M. G., 1990
Trefry, J. H., et al., 1977
Walker, W. W., 1976

Remote Sensing
Dinnel, S. P., 1988
Gazzier, C. A., et al., 1980
Minshew, V. H., et al., 1979
Yeargan, M. E., 1980
Yeargan, M. E., 1981

Sea Level Change
Byrnes, M. R., et al., 1990
Otvos, E. G., 1990b
Penland, S., et al., 1987
Ramsey, K. E., 1991

Sediment Analysis
Clays
Barton, C. A., 1952
Bonn, G. N., and D. M. Patrick, 1987
Chastain, D. L., 1984
Doyle, L., and T. Sparks, 1980
Griffin, G. M., 1962
Griffin, G. M., and B. S. Parrott, 1964
Guidroz, W. S., 1981
Guidroz, W. S., 1984
Harper, G. G., 1984
Hatfield, J. D., 1984
Isphording, W. C., and G. M. Lamb, 1980
Isphording, W. C., and G. M. Lamb, 1985
Isphording, W. C., J. A. Stringfellow, and G. C. Flowers, 1985
Lammons, T. L., 1982
Lammons, T. L., 1984
Ludwick, J. C., 1957
Ludwick, J. C., 1964
Marion, C. P., Jr., 1951
McRae, G. J., and J. O. Snowden, 1988
Milne, I. H., and J. W. Early, 1958
Milne, I. H., and W. L. Shott, 1958
Newby, R. A., 1983
O’Brien, P. A., 1984a
Otvos, E. G., 1978b
Palmer, S. E., 1975
Priddy, R. R., et al., 1955
Priddy, R. R., and E. J. Johnson, 1966
Reynolds, R., and A. Thompson, 1974
Snowden, J. O., and G. M. Forsthoff, 1976a
Snowden, J. O., and G. M. Forsthoff, 1976b
U. S. Army Corps of Engineers, 1982

Sediment Analysis
Sands
Doyle, L., and T. Sparks, 1980
Fenster, M. S., 1985
Foxworth, R. D., 1958
Foxworth, R. D., et al., 1962
Guidroz, W. S., 1981
Guidroz, W. S., 1984
Hatfield, J. D., 1984
Hsu, K. L., 1960
Isphording, W. C., and G. M. Lamb, 1980
Isphording, W. C., and G. M. Lamb, 1985
Isphording, W. C., J. A. Stringfellow, and G. C. Flowers, 1985
Lanigan, D. M., 1979
Ludwick, J. C., 1957
Ludwick, J. C., 1964
Manley, F. H., 1979
Manley, F. H., 1980
Marion, C. P., Jr., 1951
McAuliffe, L. E., 1980
McAuliffe, L. E., 1984
Miller, D. D., 1972
O’Brien, H. D., Jr., 1984a
O’Brien, H. D., Jr., 1984b
O’Brien, P. A., 1984a
Otvos, E. G., 1975a
Otvos, E. G., 1978b
Priddy, R. R., et al., 1955
Sediment Analysis

- Dixon, C. B., 1990
- Drummond, S. E., 1976
- Fenster, M. S., 1985
- Foxworth, R. D., 1958
- Foxworth, R. D., et al., 1962
- Hahn, A. D., 1962
- Harding, J. L., 1960
- Harrison, W. E., 1973
- Lanigan, D. M., 1979
- Reynolds, W. R., 1985
- Scott, H. G., 1960
- Simonson, D. N., 1983
- Simonson, D. N., and M. A. Meylan, 1983a
- Stow, S. H., et al., 1976
- Wimberly, C. S., 1955
- Wimberly, C. S., 1956
- Wimberly, J. R., 1985
- Zapel, C. L., 1983
- Zapel, C. L., 1984

Sediment Distribution

- Barton, C. A., 1952
- Butts, W. T., 1957
- Doyle, L., and T. Sparks, 1980
- Drummond, S. E., 1976
- Griffin, G. M., 1962
- Griffin, G. M., and B. S. Parrott, 1964
- Guidroz, W. S., 1981
- Guidroz, W. S., 1984
- Hoskin, C. M., 1971a
- Hoskin, C. M., 1971b
- Hoskin, C. M., 1972
- Kwon, H. J., 1969
- Lammons, T. L., 1982
- Lammons, T. L., 1984
- Ludwick, J. C., 1957
- Ludwick, J. C., 1964
- Marion, C. P., Jr., 1951
- McLaughlin, L. E., et al., 1980
- Miller, D. D., 1972
- O’Brien, H. D., Jr., 1984a
- O’Brien, H. D., Jr., 1984b
- O’Brien, P. A., 1984a
- O’Brien, P. A., 1984b
- Oivanki, S. M., and J. S. Moody, 1992
- Palmer, S. E., 1975
- Priddy, R. R., and R. M. Crisler, 1953
- Priddy, R. R., et al., 1954
- Priddy, R. R., et al., 1955
- Reynolds, W. R., and A. Thompson, 1974
- Reynolds, W. R., 1985
- Rucker, J. B., et al., 1990
- Snowden, J. O., 1961
- Snowden, J. O., 1962
- Snowden, J. O., and G. M. Forsthoff, 1976a
- Snowden, J. O., and G. M. Forsthoff, 1976b
- Spencer, J. A., 1982
- Trefry, J. H., et al., 1977
- Upshaw, C. F., et al., 1966
- Van Andel, T. H., 1960
- Wilson, A. M., 1984
- Wimberley, C. S., 1955
- Wimberley, C. S., 1956
- Wimberley, J. R., 1985
- Zapel, C. L., 1983
- Zapel, C. L., 1984

Seismic

- Barfus, B. L., 1984a
- Barfus, B. L., 1984b
- Brande, S., et al., 1981a
- Brande, S., et al., 1981b
- Carroll, H. C., 1982
- Carroll, H. C., 1984
- Curray, J. R., and D. G. Moore, 1963
- Kindinger, J. L., 1984
- Kindinger, J. L., 1986
Kindinger, J. L., 1988
Kindinger, J. L., et al., 1982
Kindinger, J. L., et al., 1989
Kindinger, J. L., et al., 1991
Rucker, J. B., et al., 1990
Simonson, D. N., and M. A. Meylan, 1983b

Soils

Capozzoli and Associates, 1972b
Cole, W. A., et al., 1964
Elwell, J. A., et al., 1927
Loundsbury, C., et al., 1930
Lowe, E. N., 1919
Smith, W. I., et al., 1975
Smith, W. I., et al., 1978
Wildermuth, R, et al., 1924

St. Louis Bay

Bednar, G. A., 1978a
Eleuterius, C. K., 1973a
Gorman, L. T., 1980
Gorman, L. T., 1984
Gulf Coast Research Laboratory, 1973 and 1978
Guy, W. V., Jr., 1975
Hoskin, C. M., 1971a
Hoskin, C. M., 1971b
Isphording, W. C., J. A. Stringfellow, and R. E. Helton, Jr., 1983
Krutak, P. R., 1972
Krutak, P. R., 1975a
Krutak, P. R., 1977
Krutak, P. R., 1978
Lytle, T. F., and J. S. Lytle, 1982
McCarty, J. E., 1973
McRae, G. J., and J. O. Snowden, 1988
Otvos, E. G., 1973b
Otvos, E. G., 1978b
Taylor, R. H., 1983
Yeargan, M. E., 1980
Yeargan, M. E., 1981

Stratigraphy

Brande, S., et al., 1981a
Brande, S., et al., 1981b
Cranton, R. G., 1986
Doering, J. A., 1956
Gazzier, C. A., 1977
Gerald, W. C., and D. M. Patrick, 1985
Gilliland, W., 1966
Gohn, G. S., et al., 1992
Harper, G. G., 1984
Harvey, E. J., and J. L. Nichols, 1960
Havard, D. A. H., 1978

Isphording, W. C., 1981
Isphording, W. C., and G. C. Flowers, 1983
Kindinger, J. L., 1984
Kindinger, J. L., 1988
Kindinger, J. L., et al., 1982
Kindinger, J. L., et al., 1989
Kindinger, J. L., et al., 1991
Kramer, K., 1990
Lowe, E. N., 1919
Lucas, W. C., 1975
Matson, G. C., 1916
McAuliffe, L. E., 1980
McAuliffe, L. E., 1984
McFadden, T. R., et al., 1982
Minshew, V. H., et al., 1977b
Nelson, J. B., 1982
Otvos, E. G., 1972a
Otvos, E. G., 1972b
Otvos, E. G., 1973a
Otvos, E. G., 1975b
Otvos, E. G., 1976b
Otvos, E. G., 1976c
Otvos, E. G., 1976d
Otvos, E. G., 1977
Otvos, E. G., 1981a
Otvos, E. G., 1981b
Otvos, E. G., 1982a
Otvos, E. G., 1982b
Otvos, E. G., 1984
Otvos, E. G., 1985b
Otvos, E. G., 1985c
Otvos, E. G., 1986b
Otvos, E. G., 1987
Otvos, E. G., 1988b
Otvos, E. G., 1988c
Otvos, E. G., 1988e
Otvos, E. G., 1989
Otvos, E. G., 1990b
Otvos, E. G., 1991a
Otvos, E. G., 1991c
Otvos, E. G., 1991d
Otvos, E. G., 1992
Otvos, E. G., 1993a
Otvos, E. G., and W. D. Bock, 1976
Otvos, E. G., and W. E. Howat, 1978
Otvos, E. G., and W. E. Howat, 1992
Paulson, O. L., Jr., and R. K. Clem, 1979
Pellegrin, F. J., 1978a
Pellegrin, F. J., 1978b
Pellegrin, F. J., 1978c
Rainwater, E. H., 1964
Reynolds, W. R., 1983
Richards, H. G., 1939
Simonson, D. N., and M. A. Meylan, 1983b
Stevens, M. G., 1990

33
Vittor, B. A., and Assoc., Inc., 1985

Water Resources

Baughman, W. T., et al., 1976
Brown, G. F., et al., 1944
Callahan, J. A., 1975a
Callahan, J. A., 1975b
Colson, B. E., and E. H. Boswell, 1985
Dalsin, G. J., 1972
Faye, R. E., 1980
Gerald, W. C., and D. M. Patrick, 1985
Harvey, E. J., et al., 1959
Harvey, E. J., and T. N. Shows, 1963
Harvey, E. J., et al., 1965
Humphreys, C. P., Jr., and W. L. Broussard, 1966
Newcome, R., Jr., 1965
Newcome, R., Jr., 1966
Newcome, R., Jr., 1967a
Newcome, R., Jr., 1967b
Newcome, R., Jr., and H. G. Golden, 1964
Newcome, R., Jr., et al., 1965
Newcome, R., Jr., et al., 1968
Otvos, E. G., 1988c
Otvos, E. G., 1988d
Paulson, O. L., Jr., et al., 1974
Paulson, O. L., Jr., and G. F. Pessoney, 1975
Paulson, O. L., Jr., et al., 1977
Paulson, O. L., Jr., and R. K. Clem, 1979
Price, J. B., and G. Gunter, 1964
Shattles, D. E., 1973
Shattles, D. E., et al., 1967
Shattles, D. E., and J. A. Callahan, 1971
Snowden, J. O., and E. G. Otvos, 1973
Stevens, M. G., 1990 Strickland, D. J., et al., 1987
Sumner, D. M., et al., 1989
U. S. Army Corps of Engineers, 1981b
Bibliography of Mississippi Gulf Coast Geology and Related Topics
New Entries as of 4-25-96


Oivanki, S. M., and E. G. Otvos, 1994, Geologic framework, erosion history, and physical setting of the Belle Fontaine area, in S. M. Oivanki, ed., Belle Fontaine, Jackson County, Mississippi: human history, geology, and shoreline erosion:
Mississippi Office of Geology, Bulletin 130, p. 21-60.


SUBJECT INDEX

Beach Nourishment
Oivanki, S. M., 1996
Suhayda, J. N., 1994

Culture
Hollomon, C. Z., 1994
Meyer-Arendt, K. J., 1994

Erosion Rates
Hutchins, P. E., and S. M. Oivanki, 1994
Oivanki, S. M., and E. G. Otvos, 1994
Oivanki, S. M., and J. N. Suhayda, 1994
Suhayda, J. N., 1994

Fauna
Wieland, R. G., 1994

Flora
Wieland, R. G., 1994

General Studies
Hummell, R. L., and S. J. Parker, 1995
Wieland, R. G., 1994

Geomorphology
Meyer-Arendt, K. J., et al., 1994
Oivanki, S. M., et al., 1994
Oivanki, S. M., K. J. Meyer-Arendt, and B. Yassin, 1995
Yassin, B. E., et al., 1994

Sediment Analysis
Sands
Oivanki, S. M., and E. G. Otvos, 1994

Sediment Distribution
Meyer-Arendt, K. J., 1995
Oivanki, S. M., 1996
Oivanki, S. M., and E. G. Otvos, 1994

Stratigraphy
Hummell, R. L., and S. J. Parker, 1995
Oivanki, S. M., and E. G. Otvos, 1994
Otvos, E. G., 1994

Water Resources