Metropolis of the Acadian Country

"Benevoie a Lafayette", that is to say, "Welcome to Lafayette", the heart of the Acadian Country. "Laissez le bon temps rouler, mes amis!" (Let the good times roll, my friends!)

It has been called a "dark foreboding land," this land of swamps, lush vegetation, bayous and moss draped oaks; but the description is misleading; this is a happy land, settled by the Acadians, or Cajuns as they are now called, who are by nature a happy people.

The Cajuns' ancestors came from Nova Scotia, which was originally settled by the French and called Acadie. During the 17th century, control of it shifted periodically between the French and British until finally early in the 18th century it became a British possession. In 1755 the British, who were fearful of the Acadians' loyalty, swept up approximately 6,000 men, women and children and deported them. Not only were all of their possessions confiscated, but even more tragic, families, friends and sweethearts were separated and scattered in British colonies along the coast of North America, some never to see each other again.

The story of the separation of two sweethearts and their search for each other was immortalized in Longfellow's poem "Evangeline". Local folklore says that Evangeline was in reality Emmeline Labiche who searched for her betrothed, Louis Arnaud, for many years, only to find him at last in St. Martinville, happily married to another woman. Emmeline died of a broken heart, they say. She would probably have felt a whole lot less frustrated if she had just shot Louis, but then where would that have left Longfellow?

This then is the story of Lafayette which was originally settled by some of the Acadians who found their way to South Louisiana. They put their mark upon the region, for they brought with them their French language and culture, their Roman Catholic religion and their great joy in living. Over the years a settlement along the banks of the Vermilion River grew into a town which became known as Vermilionville. The Cajuns continued to prosper and multiply until by 1884 Vermilionville had become a fair-sized town which was then rechristened Lafayette.

Whereas some men in the area owned slaves prior to the War, Lafayette was not predominantly an area of large slave owners; it was made up mostly of small farmers who were thrifty, hard working and devout. The people were quite isolated because of inadequate roads; so, their culture was not diluted. They hunted, fished, farmed and enjoyed life without any great hustle and bustle.

The discovery of oil in South Louisiana early in the 20th century was destined to change the whole pattern of life in Lafayette. During the 1927-1927 period which saw the great acceleration of oil production in the U. S., South Louisiana began to rival Texas as a producer. Major oil companies were looking for a place to set up shop in South Louisiana. However, at that time, with the exception of New Orleans and Baton Rouge, there were no cities capable of handling a large influx of people.

Fortunately for Lafayette, one of its citizens realized what was needed and set out to provide it. He built what became known as The Maurice Heymann Oil Center—a group of office buildings constructed for the oil companies. Since they provided excellent facilities in a centrally located area, the oil companies leased office space and moved in. When the oil companies came, they in turn attracted the service companies. As more companies moved to Lafayette, Mr. Heymann expanded the facilities offered, until today the Oil Center and surrounding area houses a total of 600 companies and independent oilmen, and Lafayette has grown to a thriving metropolis of about 60,000 people.

It's difficult to realize that when the Lafayette Geological Society was organized a short 14 years ago, it boasted a scant 23 members (there are now 46 members) and the town of Lafayette had a population of only 33,465. Whereas a part of Lafayette's growth was based on agriculture, certainly the oil industry has played the major role in its expansion. Natural advantages together with progressive thought and action mixed with the fact that South Louisiana is one of the last great frontiers for the oil hunter in this country helped to establish Lafayette as a center for exploration.

In addition to being a hub for the oil industry, Lafayette serves as a medical and education center for the surrounding area. It has two modern hospitals and is home for the University of Southwestern Louisiana which has an approximate enrollment of 8,000.

Its newly constructed Municipal Auditorium not only brings nationally known entertainers to the city but also offers excellent convention facilities as well. Add to this the recently completed Cinarama, the Planetarium and Youth Museum which is being built, and the Art Museum which will be ready in the near future, and you too will agree that Lafayette has all the cultural facilities to provide a good environment for those who live here.

Lafayette, this heart of South Louisiana is a unique blending of old and new—of the cosmopolitan city which at the same time remains a country village. Its charm is unique—a touch of France in America. Salesmen must speak French as well as English to serve all of their customers and contrary to popular belief, the French spoken by the Cajun is not a hodge podge of languages, but is rather an archaic French which has not been modernized but is spoken today very much as it was when the original Acadians settled here.

Dark roast coffee and crawfish are endemic to South Louisiana. The coffee drinking is a ritual, with anyone who doesn't drink coffee being considered just a little strange. Your first cup will jolt you, but once you have acquired a taste for it, you will be as bad as the true Cajun about your dark roast coffee. Contrary to some Yankees' belief, dark roast French coffee is not obtained by boiling light roast coffee until it's strong enough to stand alone. Crawfish are a rare treat. Try the etoufee, bisque or just plain boiled crawfish; whatever you do, don't leave Lafayette without having sampled this delicacy as only the Cajuns can prepare it.

The oil industry has indeed changed the face of Lafayette, yet enough of the old French town remains to enchant yet another generation of newcomers. Lafayette is indeed a metropolis, and it will remain a distinctive one as long as the spirit of the Acadians is kept alive—may that be forever.
DEDICATION

1933-1985 Vice President and Dean of Academic Affairs, (Louisiana State University System)
9-1-66 President, Texas Technological College

Professional Activities (National)
Geological Society of America (Fellow)
1951-1954 Representative, American Commission of Stratigraphic Nomenclature
1952 Chairman, Symposium on Sedimentary Volumes
1955 Chairman, Program Committee, New Orleans Meeting
1953-1956 Program Committee
1959-1960 Charter President, Southeastern Section
1961-1966 Council
1963-1965 Chairman, Committee on Nominations
1963 Associate Editor
1964 Chairman, Committee on Awards and Medals
1965 Chairman, Committee on Petroleum Medal

Society of Economic Paleontologists and Mineralogists
1946-1952 Committee on Members and Papers
1948-1950 Nominating Committee
1952-1954 Editor, Journal of Paleontology
1953-1955
1957-1958 Research Committee, (Vice Chairman, 1957; Chairman, 1958; Vice-President, 1959)
1954-1955 Representative to Paleontological Society Council
1963-1964 President
1965-1966 Past-President and member of National Council
1966-1968 Representative to American Geological Institute's House of Society Representatives

American Association of Petroleum Geologists
1944-1945 Biennial Lectureship
1946-1953 Geographic Names and Nomenclature Committee; Chairman, 1952-1954
1954 Distinguished Lecturer
1955-1956 Geology Panel Committee
1957-1962 Representative on American Commission of Stratigraphic Nomenclature, Chairman, 1958, 1962
1959-1962 Editor of AAPG Bulletin
1959-1962 Business Committee
1959-1960 Committee on Salt Dome Volume
1959-1960 Associate Editor
1953-1955 Voluntary Research Fund Campaign Committee
1954-1955 President
1954-1956 President
1956-1958 Past-President and member, National Executive Committee
1953-1965 Representative to American Geological Institute's House of Society Representatives
1965-1967 Chairman, Nominating Committee
1966-1967 Vice Chairman, Academic Advisory Committee
1966-1967 Member, Executive Advisory Committee
1966-1969 Chairman, Nominating Committee
1951-1954 Representative to Paleontological Society of America
1957-1963 Representative from American Association of Petroleum Geologists
1964-1965 Vice Chairman and Secretary

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Sigma Xi
Sigma Gamma Rho
Onorato Delta Kappa
Paleontological Society
Paleontological Research Institute
Sociedad Mexicana de Geologia
Novus Geologicorum
Asociacion Mexicana Geologos Petroleros
International Commission on Stratigraphy
Australian Petroleum Exploration Association

Professional Affiliations: (Regional)
Shreveport Geological Society (Member 1943-)
South Louisiana Geolological Society (Member 1959-1960)
Baton Rouge Geological Society (Member 1953-1959)
LaFayette Geological Society (Member 1942-1950)
New Orleans Geological Society (Member 1942-1948; Field Trip Leader 1961-1968)
Mississippi Geological Society (Member 1941-1952; Chairman, Program Committee 1943-1944; Cenozoic Committee 1949; Field Trip Committee 1951-1953)
South Texas Geological Society (Field Trip Leader 1959)
Corpus Christi Geological Society (Field Trip Leader 1963)

XXI International Geological Congress, Mexico City, August-September 1956:
Official delegate of the State of Louisiana; and Official Delegate of the Louisiana State University

XXII International Geological Congress, Copenhagen, Denmark, August-September 1958:
Official Delegate of the State of Louisiana; and Official Delegate of the Louisiana State University

XXII International Geological Congress, New Delhi, India, December 1956:
Official U.S. Delegate; Head Delegate from the A.A.P.G. to the Geological Congress of India; Chairman, Program Committee

American Arbitration Association: Member, National Panel of Arbitrators
Public Affairs Research Institute (Louisiana): Member, Board of Directors, 1964-1968
Organization for Tropical Studies, Inc.: LSU Member on the Board of Directors, 1964-1968

Gulf Universities Research Corporation: Member, Board of Directors, 1961-1965; Vice President, 1960; President, 1965-1966

American Society for Oceanography: Member, Board of Directors, 1966-

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Jack Lee Gregory


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FAULT AND SALT MAP OF SOUTH LOUISIANA, William E. Wallace

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REPORT OF THE PRESIDENT OF G.C.A.G.S.

1966

The Annual Convention of the G.C.A.G.S. is convening this year in Lafayette for the first time. Our host, the Lafayette Geological Society, has volunteered time and services so that you may enjoy a memorable and rewarding meeting in the "Heart of South Louisiana."

Each year the G.C.A.G.S. has two primary functions to perform. The first is the arranging and planning of a convention site at which new geological material and ideas can be presented to Gulf Coast geologists. The second is the publication of the annual Transactions, which contains complete text and illustrations of papers delivered at these conventions. These explicit duties are designed to give all Gulf Coast geologists the opportunity to meet annually, to share ideas, to renew old acquaintances, and to make new friends. Operating under these primary principles for the past sixteen years in a region of considerable interest to the entire oil industry, and with the help of publicity given by the A.A.P.G., our Association has gained world-wide recognition.

The present financial condition of the G.C.A.G.S. is excellent; as of June, 1966, the total amount on deposit was $39,781.59. Our position with the Internal Revenue Service to date is apparently also good. With the continued interest and enthusiasm in Gulf Coast geology this Association should continue to grow from year to year.

Last year Douglas E. Masten and Eugene J. Prochaska assembled and organized an index of all the material in the G.C.A.G.S. Transactions. This data was then published and is now available at Gambe's Log Library in Houston, Texas, at $2.50 per copy.

The Special Projects Committee, headed each year by the Vice President of the G.C.A.G.S., is continuing its search for ways and means to stimulate interest in all phases of the geology of the Gulf Coast Region. Besides furnishing financial assistance to a variety of geological projects by member Societies, this committee is encouraging geological programs of a more regional nature. One such is a joint project with A.A.P.G. and U.S.G.S., compiling a bibliography of all pertinent Gulf Coast literature. This is currently being published and should be available by the end of the year. Other planned projects are the construction of broad regional maps dealing with faults, tectonics, type localities, and so forth. A project receiving much attention at the present time is the collection of published or unpublished geological theses from all the Gulf Coast Universities, in order to revive and publish the results of this mass of thought and effort. If you know of any papers worthy of this type of attention, please contact the G.C.A.G.S.

It has been an invigorating experience to work with this year's official group. The local geologists undertook the preparation for this Sixteenth Annual Convention, held here for the first time, with unlimited vigor and enthusiasm. The officers and representatives of the G.C.A.G.S. thank you, Lafayette Geological Society, for a job well done.

Allen M. Borland
REPORT OF THE GENERAL CHAIRMAN
SIXTEENTH ANNUAL MEETING
1966

Many people say, “Why would anyone accept that job?” The work of staging the convention and all of the various activities attached thereto, is the responsibility of the General Chairman. This sounds like an almost impossible chore, particularly when you have never tackled such a problem. On the other hand, it can be an enjoyable experience. This year, although it was Lafayette’s first Annual Meeting, the task was made easier because a dedicated group of excellent helpers enlisted, all of whom had one purpose in mind: to put on the best convention in the history of the Gulf Coast Association of Geological Societies. The success of this meeting is a direct measure of their efforts, and I wish to thank each one of them.

One of the first thoughts that arise in planning is the theme of the year’s meeting. Probably any competent geologist can easily develop acceptable and praise-worthy ideas resulting in a flood of fine suggestions; but then he is not writing and presenting a paper. Thus he has time to contemplate and propose what someone else should do. The papers to be presented here and published in the 1966 Transactions may now—but not by previous plan—be grouped to produce a theme which may be called “Paleoecologic and Regional Characteristics of the Gulf Coast.” In any event it is honestly believed that the material will add considerably to the wealth of geological data heretofore published by the Gulf Coast Association of Geological Societies. We hope the concepts described will aid in the finding of sizable new reserves in the Gulf Coast province.

Again a separate session, designed exclusively for the presentation of highly technical papers, by members of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists will be held on Friday morning. This convention is pleased to be directly associated with this group of scientists, and also proud that this Sixteenth Annual Convention is at the same time a Regional Meeting of the American Association of Petroleum Geologists. The Lafayette Geological Society and the City of Lafayette hereby extends its warmest welcome to all of you.

Robert R. Copeland, Jr.
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REPORT OF THE EDITOR

1966

Comment should be made that this edition of the Transactions departs from the procedure of many former years, in that it has no stated over-all theme. Numerous studies, however, coincidentally deal with the principles and practices of paleoecology and related concepts. Without intention or design, the theme of the 1966 Transactions has been set by the many papers on phases of this general topic.

The G.C.A.G.S. has always been grateful for the contributions to the Annual Convention made by our associates from the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists. This is especially true this year, since not only do they have a Symposium Session presenting papers exclusively by their members, but they also have a separate session for more specialized studies, committee reports, and business matters. The 1966 G.C.A.G.S. Editor sincerely thanks David E. Pope, editor for the Gulf Coast Section of S.E.P.M., for the great and willing cooperation given by him and his collaborators in the preparation of this volume of the Transactions.

The Editor is particularly grateful for the help of Jack Shirley as Lafayette Associate Editor, in the final editing and compilation of the papers contained in this Sixteenth Volume of the Transactions. The Editor's job, seldom a happy one, often thankless, and always demanding, was rendered more palatable by the active and competent cooperation of all the members of the various Convention Committees, and by the Associate Editors of the member Societies. We all hope and believe that our efforts have resulted in a worthwhile compilation of Gulf Coast geological literature.

Fred W. Bates
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<td>Directory of Paleontologists</td>
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</table>
The Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists has continued to grow during the past year. The section now has a total of 335 members.

In recognition of his contributions to the stratigraphy and paleontology of the Gulf Coast, the 1966 Executive Council of the GCS-SEPM elected Mr. E. H. Rainwater to Honorary Membership.

The increasing emphasis being placed on paleoecology in petroleum exploration was recognized by the formation of a second Committee on Paleoecology for the New Orleans area under the chairmanship of Mr. C. C. Albers. This was done to supplement the efforts of the Houston area committee under the chairmanship of Mr. Fred L. Smith, Jr. Two papers in this year’s Transactions resulted from the meetings of these committees.

In addition Mr. James H. Dorman organized the “Symposium on Paleoeology” for this convention.

The amendments to our constitution which were proposed at the last business meeting were passed by the members. The first allows full membership to those who may not reside in the Gulf Coast Area. The second allows payment of dues for up to five years in advance.

It has been decided that in order to continue a worthwhile, but unprofitable venture that future contributions to the “Type Localities Project” will be published in the Transactions rather than as separate units.

I wish to acknowledge the contributions of the other officers for the year, Vice-President John J. W. Rogers, Secretary M. Ray Bane, Treasurer Charles B. Morris, and Past-President Howard L. Tipawerd; our editor Mr. David E. Pope, and the business representatives for the various areas. I wish to thank William R. Paine and James H. Dorman of Lafayette for their outstanding efforts in the preparation and presentation of the convention program. Thanks are also due to Louis deA. Gimbrelde for serving as Field Trip Chairman as well as the chairman of the Type Localities Project.

John B. Dunlap, Jr.
BEST PAPER AWARDS, 16TH ANNUAL MEETING
HOUSTON, TEXAS

Awards were presented at the 16th Annual Meeting of the Gulf Coast Associations of Geological Societies, held in Houston, October 27-30, 1965. Two awards were given:

First Prize: Charles R. Kolb and Jack R. Van Lopik, Depositional Environments of the Mississippi River Deltaic Plain—Southeastern Louisiana.

Second Prize: Gene Ross Kellough (Mrs. John S. Kellough), Paleoecology of the Foraminifera of the Wills Point Formation (Midway Group) in Northeast Texas.

CHARLES R. KOLB is Chief, Geology Branch, Waterways Experiment Station, U.S. Engineers, Vicksburg, Mississippi. He has B.S., M.S. and Ph.D. degrees from L.S.U. He is a member of A.A.P.G., and numerous other associations. Dr. Kolb, as an undergraduate at L.S.U., worked under the direction of the late Dr. H. N. Fisk.

GENE ROSS KELLOUGH (Mrs. John S. Kellough) received the Bachelor's degree from University of Texas and the M.S. degree from University of Houston. Her paper is the result of research completed under a National Science Foundation grant to the University of Houston.

JACK R. VAN LOPIK is Manager and Technical Director for Space and Environmental Science Programs, Geosciences Operations, Texas Instruments, Inc., Dallas, Texas. He has memberships in many professional societies including A.A.P.G., S.E.P.M., and G.S.A. Dr. Van Lopik has a B.S. from Michigan University and M.S. and Ph.D. degrees in geology from L.S.U.
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FIELD TRIP GUIDE BOOKS

1958 Sedimentology of South Texas ........................................ (Now out of print)
1959 Recent Sediments of the north-central Gulf Coastal Plain ................ $4.70
1960 Upper Tertiary and Quaternary Stratigraphy of the Pascagoula Valley, Mississippi and Recent Coastal Sedimentation of the Mississippi Sound ................. 2.20
1961 Southern Edwards Plateau ........................................ 4.70
1962 Fault Map of South Louisiana (54" x 52"), edited by W. E. Wallace, Jr. .......... 8.00
1964 Depositional Environments of South Central Texas Coast ....................... 6.70
ELECTION OF E. H. RAINWATER TO HONORARY MEMBERSHIP IN GCS-SEPM

Edward H. Rainwater, better known to his colleagues as "Rainey," was born in Waynesboro, Mississippi. He obtained a B.S. degree from Mississippi State College and took advanced work at Indiana University and Northwestern University, receiving an M.A. degree from the latter institution.

In addition to his academic proficiency, Rainey has a broad and practical experience in Gulf Coast stratigraphy. After teaching at Mississippi State College, he worked for many years as micropaleontologist, stratigrapher and research geologist for the Royal Dutch Shell, Caribbean Petroleum Company and Shell Oil Company. In recent years he has conducted courses at the University of Houston in advanced micropaleontology and its relationship to Gulf Coast stratigraphy. He is now a full-time consultant in stratigraphic geology for Tenneco Oil Company in Houston, with his work taking him to "oil patches" throughout the world.

Mr. Rainwater has published numerous papers on paleostratigraphy, Gulf Coast geology, and depositional environments as related to the search for oil and gas accumulations. His insistence on conformity to sound principles of stratigraphy, learned through many years of experience in actual operations, is reflected in his publications and lectures which are highly valued by petroleum geologists. Rainey has served as Distingiushed lecturer for A.A.P.G. and Visiting Scientist for A.G.I.; he recently conducted a series of lectures in Houston under the Continuing Education Program of A.A.P.G. and the Houston Geological Society. His papers have won first place awards at both G.C.A.G.S. conventions and national S.E.P.M. meetings. He is a Fellow of the Geological Society of America, member of the American Association of Petroleum Geologists, Society of Economic Paleontologists and Mineralogists, Sigma Xi, and local geological societies.

Rainey is sincerely dedicated to the science of geology and the concept of serving others. In addition to his regular work through the years, he has found the time to lead innumerable field trips and conduct countless classes in night school courses to share his knowledge and experience. This instruction has inspired many individuals, including both students and fellow workers.

In some small recognition of his many years of outstanding and continuing contribution to Gulf Coast stratigraphy and petroleum geology, the Executive Council is pleased to elect Mr. Rainwater an honorary member of the Gulf Coast section of the Society of Economic Paleontologists and Mineralogists.

H. L. Tippsworth

1963 Geological History and Oil and Gas Possibilities of Mississippi, Min. Geol. Survey Bull. 97, pp. 37-105.
1964 Late Pleistocene and Recent History of Mississippi Sound Between Beach and Ship Island, Min. Geol. Survey Bull. 102, pp. 32-41.
1964 Regional Stratigraphy of the Mississippi and Wilcox in Mississippi, Min. Geol. Survey Bull. 102, pp. 3-5.

Mississippi of the Gulf Coastal Plain of the United States of America (to be published in the Transactions of the Second West African Micropaleontological Colloquium, Badan, Nigeria).

Exploration for Natural Gas (to be published by the British Institute of Petroleum (London)).

The Geological Importance of Deltas (to be published by the Houston Geological Society).
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3. Ninth Field Trip Guidebook—Claihoole of Western Alabama & Eastern Mississippi—September, 1952. $ 4.50
4. Eleventh Field Trip Guidebook—Paleozoic Rocks, Central Tennessee & Northwest Alabama—May, 1954. $ 4.00
5. Fourteenth Field Trip Guidebook—Upper Cretaceous of Northeast Mississippi and West Central Alabama—May, 1959. $ 2.50
6. Fifteenth Field Trip Guidebook—Cenozoic of Southeastern Mississippi and Southwestern Alabama—May, 1960. $ 3.00
7. Wilcox Oil Fields, Southern Mississippi & Adjacent Areas—61 Illustrations—July, 1952. $ 5.00
8. General Geology of Mississippi By Tom McGlothlin — March, 1955. $ 5.00
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10. Mesozoic Composite Log of South Mississippi & South Alabama. $ 1.00
11. Paleozoic Composite Log of Black Warrior Basin, Mississippi & Alabama. $ 1.00
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13. Cretaceous Correlation Chart of Mississippi. $ .90
14. Tertiary Correlation Chart of Mississippi. $ .90
15. Paleozoic Cross Section from South Central Tennessee to Central Mississippi, Scale 1"-300' (Vert.) $ 3.00
16. Mesozoic Cross Section from Concordia Parish, Louisiana to Walton County, Florida, Scale 1"-200' (Vert.) $ 2.25
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19. Mesozoic Paleozoic Producing Areas of Mississippi and Alabama, Clothbound, 154 pp. 57 maps of Oil and Gas Fields, 2 columnar section, published October, 1957. $12.50
   (Updated supplement with 55 new fields available 7-1-63 — Price $10.00)

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