

FRANK J. SWAYE COLLECTION

Mss. 5212

Inventory

Compiled by
Michelle Melancon

Louisiana and Lower Mississippi Valley Collections
Special Collections, Hill Memorial Library
Louisiana State University Libraries
Baton Rouge, Louisiana State University

2022

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Use of manuscript materials. If you wish to examine items in the manuscript group, please place a request via the Special Collections Request System. Consult the Container List for location information.

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Proper acknowledgement of LLMVC materials must be made in any resulting writing or publications. The correct form of citation for this manuscript group is given on the summary page. Copies of scholarly publications based on research in the Louisiana and Lower Mississippi Valley Collections are welcomed.

SUMMARY

Size	0.75 linear feet., 2 oversize folders
Geographic Locations	Louisiana
Inclusive Dates	circa 1839-1999, undated
Bulk Dates	1955-1969
Languages	English.
Summary	The Frank J. Swaye Collection contains materials from Louisiana geographical and coastal studies by Frank J. Swaye and LSU professor Fred B. Kniffen. Collection materials include research related photographs, slides, field notes, maps, printed materials, and news clippings.
Access Restrictions	None.
Reproduction Note	May be reproduced.
Copyright	For those materials not in the public domain, copyright is retained by the descendants of the creators in accordance with U.S. Copyright law.
Related Collections	Don Davis Slide Collection, Mss. 4896 Fred B. Kniffen Papers, Mss. 3488 Jesse Walker Papers, Mss. 4882 Richard J. Russell Papers, Mss. 2648 Louisiana Sea Grant collection [electronic resource]: maps
Citation	Frank J. Swaye Collection, Mss. 5212, Louisiana and Lower Mississippi Valley Collections, LSU Libraries Special Collections, Baton Rouge, La.
Stack Location(s)	V:99, OS:S, 104:-105:

BIOGRAPHICAL/HISTORICAL NOTE

Frank J. Swaye (circa 1943-) attended Louisiana State University circa 1966-1970. Swaye's studies in geography included field research of the Mississippi River Delta. Materials cover studies of South Pass mudlumps, and work with the LSU Coastal Studies Institute (CSI). Notable publications include *Effects of Hurricane Camille on the Landscape of the Breton-Chandeleur Island Chain and the Eastern Portion of the Lower Mississippi Delta* (Coastal Studies Institute Report #76) co-authored with Lynn D. Wright and James M. Coleman.

The Coastal Studies Institute (CSI) of LSU is a field-oriented coastal research organization co-founded by LSU Boyd professor Richard J. Russell circa 1952. The CSI was formally recognized by the LSU Board of Supervisors in 1954 as an independent unit under the School of Geoscience. Initial funding for CSI research was provided by the Office of Naval Research (ONR), Geography Programs. Early studies focused on coastal geomorphology and sedimentology of the Louisiana coast, including aspects of biodiversity and cultural geography.

Fred B. Kniffen (1900-1993) was an LSU professor of geography and anthropology from 1929-1970. Considered a pioneer in cultural geography, he became a Boyd Professor in 1967. Kniffen wrote several articles and books on the cultures of the world and America. Among his publications are *Cultural Diffusion of the Landscapes* (1990), *Louisiana; it's Land and People* (1968), *The Indians of Louisiana* (1945), *Louisiana House Types* (1963), and *Culture Worlds* (1951); the latter he co-authored with Richard J. Russell. Much of his academic work dealt with the role of folk life and material culture in shaping American culture. The Association of American Geographers honored him for his role in the development of cultural geography in 1978.

SCOPE AND CONTENT NOTE

The Frank J. Swaye Collection contains materials on Louisiana geographical and coastal studies. Items include fieldwork materials from Frank J. Swaye and illustrated field notes by Fred B. Kniffen. Black-and-white photographs and color slides comprise the bulk of the collection. Most photographs document field and aerial trips to the Mississippi River Delta. This includes photographs taken before and after Hurricane Camille. Slides document various field and aerial trips taken to Louisiana coasts and waterways (1965-1970). Additional items include maps of coastal Louisiana, and technical reports on the Mississippi River Delta. Materials also include Louisiana related news clippings and printed materials. Field notes and photographs by Fred B. Kniffen cover trips to False River and Pierre Part, Louisiana (circa 1955).

Louisiana parishes represented in the collection are Ascension, Assumption, Avoyelles, Cameron, East Baton Rouge, Iberia, Iberville, Jefferson, Lafourche, Livingston, Orleans, Plaquemines, Pointe Coupée, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Helena, St. Martin, St. Mary, St. Tammany, Terrebonne, Vermilion, Washington, West Feliciana.

LIST OF SERIES AND SUBSERIES

Series I. Geography Research Materials, circa 1839-1999, undated

Subseries 1. Photographs, 1964-1969, undated

Subseries 2. Slides, 1965-1970, undated

Subseries 3. Maps and charts, circa 1839-1970

Subseries 4. Printed materials, 1959-1999

Series II. Fred B. Kniffen Field Photographs, 1955, undated

SERIES DESCRIPTIONS**Series I. Geography Research Materials, circa 1839-1999, undated**

Series I comprises fieldwork and research related materials collected by Frank J. Swaye. Materials are mostly slides and photographs created circa 1965-1970. Additional items include maps and Louisiana related printed materials.

Subseries 1. Photographs, 1964-1969, undated

Black-and-white photographs depict geographical research of Louisiana coasts and waterways. Most photographs include descriptive notation written on verso. The arrangement maintains original groupings created by Swaye. Organization of half the photographs is by location and/or field of study. Arrangement of remaining photographs is by alpha-numeric notation written on verso.

Baton Rouge area photographs include the LSU Geology Building, the Baton Rouge ferry, and the Mississippi River Bridge. Mississippi River Delta photographs depict field work at Raphael Pass. Aerial images cover Pass-a-Loutre, Garden Island Bay, and Head of Passes. Additional images include a CSI field trip to study river currents, and several "After Camille" photographs. Post Hurricane Camille photographs often reference Coastal Studies Institute Report #76. Locations covered include South Pass, Chandeleur Islands, Breton Islands, Raphael Pass, Venice, and the Louisiana Wildlife and Fisheries Camp at Garden Island Bay.

Several miscellaneous photographs appear to cover Swaye's geographical studies. These include notation with images of Dorice J. Ouellette and Rod Emmer. Miscellaneous images of unknown origin are without notation. These photographs are similar to Kniffen's work detailing folk buildings and aspects of cultural geography.

Photographs organized by alpha-numeric notation are aerial images of the Mississippi River Delta. Notation includes an alpha-numeric code, location, and geographic elements. Areas in lower Plaquemines Parish include Cubits Gap, Pass-a-Loutre, South Pass, West Bay, and Baptiste Collette. Geographical notation covers natural levees, mud flats, vegetation and marshes, bifurcation, tidal channels, and delta fill. Additional images include photographs of the South Pass Jetties, and miscellaneous photographs.

Subseries 2. Slides, 1965-1970, undated

The bulk of the collection comprises over 450 color 35mm slides. Most slides contain detailed notation on the field studies depicted. This includes location, date of field trip, geographic details, and occasional people involved. A wide range of geographical observations are included in slide notation. Documentation covers the geomorphology of deltas, waterways, and estuarine wetlands. This includes notation on sedimentation and deposition, levees, and saltwater intrusion. Additional notation covers geologic observations, area vegetation and biodiversity, local oil industry, and farming practices. Researchers and scientists documented include Rod Emmer, James M. Coleman, Sherwood Gagliano, Dorice J. Ouellette, Johannes L. Van Beek, and James P. Morgan. Notation also documents field studies with CSI and the Geological Society of America.

Geographical research includes slide documentation of both field and aerial trips. Slides depict Louisiana coasts and waterways, especially the Mississippi River Delta. Several field trips detail mudlump research at the mouth of South Pass. "Mudlumps are upswellings of clay which commonly form islands near the mouths of the Mississippi River passes" (Morgan, 1951, p.1).¹ Unique to Louisiana and the Mississippi River, repeat mudlump studies by LSU researchers begin circa 1948. Slides of South Pass are not exclusive to mudlump research. Repeat field studies include trips to Tiger Pass, West Bay, Pass-a-Loutre, Head of Passes, Cubits Gap, Garden Island Bay, and the Lac des Allemands area.

Most slides depict field research in Plaquemines Parish. Additional parishes represented include Ascension, Assumption, Avoyelles, Cameron, East Baton Rouge, Iberia, Iberville, Jefferson, Lafourche, Livingston, Orleans, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Helena, St. Martin, St. Mary, St. Tammany, Terrebonne, Vermilion, Washington, and West Feliciana.

Slide organization is chronological by notation dates in slide sheets #1-24. Slides collated by year cover 1965-1970. Annual chronology starts with month/year notation, followed by annual notation only. Slides without handwritten dates have been given a circa date according to photo processing stamps. Slides with circa dates are at the end of the annual cycle. Related field trip slides remain together within chronological order. Miscellaneous slides are on slide sheet #24. **See appendix for detailed slide descriptions.**

Subseries 3. Maps and charts, circa 1839-1970

Printed maps in the collection depict the Mississippi River Delta and/or Louisiana waterways. This includes geographical maps taken from research publications. Map plates published in *Geological Bulletin* No. 35 include five maps from "Genesis and Paleontology of the Mississippi River Mudlumps." These include maps of the Mississippi River Delta, and two maps detailing mudlump locations. Map plates published in the *Louisiana Water Resources Bulletin*, No. 1, depict ground water and subsurface geology (circa 1966). Maps of interest include a survey of Louisiana coastal marshes and vegetation (1949), and a survey of New Orleans documenting oil and gas fields (1966). See the Container List for further details on map titles and dates.

Tidal records include an aerial survey of the Mississippi River, South Pass, titled *United States Department of Interior Geological Survey, Topographic Division, Project: GS – SWDL* (March 8, 1970). Notation covers tide ebbing and low tide. The *River Flow - Surface Salinity - Tide and Temperature Record* charts monthly data along the Mississippi River for the year 1967.

U.S. Coast and Geodetic Survey (C&GS) maps do not contain a key for symbols and abbreviations. See C&GS Chart No. 1 for map key information. A pdf of this document is available online.²

¹ Morgan, James P., "Mudlumps at the Mouths of the Mississippi River." (1951). *LSU Historical Dissertations and Theses*. 7985. https://digitalcommons.lsu.edu/gradschool_disstheses/7985

² C&GS Chart No. 1
<https://nauticalcharts.noaa.gov/publications/docs/us-chart-1/ChartNo1.pdf>

Subseries 4. Printed materials, 1959-1999

Printed materials include two geographical reports, Louisiana-related news clippings, and miscellaneous items. Reports on sedimentation and deposition include *Bar-Finger Sands of Mississippi Delta* (Fisk 1961), and *Processes of Deltaic Sedimentation in the Lower Mississippi River* (Welder 1959). Collected Louisiana news clippings are dated circa 1968-1969. Articles cover the I-10 Mississippi River Bridge, the Baton Rouge ferry, Acadian heritage, and Hurricane Camille. See Container List for details on relocation of one oversize newspaper article.

Miscellaneous items include a program for the Navy Distinguished Public Service Award to Richard J. Russell (1967), and a fax from Christina Swaye (1999).

Series II. Fred B. Kniffen field photographs, 1955, undated

Series II contains illustrated field notes by Fred B. Kniffen. Field notes comprise a 3" x 5" black-and-white photograph attached to 5" x 8" cardstock. Notation includes details on housing, occupations, plants, geology, geography, rivers, levees, and water systems. False River trip field notes comprise 23 cards, dated 12 March 1955. Field notes numbered 1-25, no. 5, 11, 15 and 24 are missing. Two unnumbered field notes contain consecutive photographs forming panoramic views. Cited locations in the False River area of Louisiana include Erwinville, Bayou Poydras, Point Coupée, Chenal, and Lake Clause. Topical descriptions cover housing, tourism, logging, the Chenal cemetery, and a burial mound near Lake Clause.

Most remaining field notes are photographs without notation. Only five notecards include notation, each titled "Pierre Part Field Trip." Notation cites the Pierre Part Store, Spanish moss retting, and the pumping station at Bayou Lafourche. Photographs with blank notecards appear to be from the same areas covering similar topics. This includes photographs of moss retting, and hoop-net fishing practices common to Pierre Part, Louisiana. Additional images depict the Walter Lemann, Sr. Pumping Station in Donaldsonville, and a photo of the Cinclare sugar mill. Remaining images document an unknown sugar mill. Photographs depict settlements for laborers, a church, cane derricks, and harvesting equipment. Undated field notes were created circa 1955.

Parishes represented in the Kniffen field notes include Assumption, Pointe Coupée, and West Baton Rouge.

INDEX TERMS

Materials relating to these people, places, and things can be found in the series and subseries indicated, as represented by their numbers.

Canals--Louisiana.	I:1-4
Coast changes--Environmental aspects--Louisiana.	I:1-4
Coastal ecology--Research--Louisiana.	I:1-4
Coasts--Louisiana.	I:1-4
Geography--Research--Louisiana.	I:1-4; II
Geography--Study and teaching--Louisiana.	I:1-4; II
Geomorphology--Research.	I:1-4
Human geography--Louisiana--Assumption Parish.	I:1; II
Human geography--Louisiana--Pointe Coupée.	I:1; II
Hurricane Camille, 1969.	I:1-2, 4
Hurricane damage--Louisiana.	I:1-2, 4
Intracoastal waterways--Louisiana.	I:1-4
Lakes--Louisiana.	I:1-3; II
Levees--Environmental aspects--Louisiana.	I:1-4
Marshes--Louisiana.	I:1-4
Mississippi River.	I:1-4; II
Mississippi River Delta (La.)	I:1-4
Mud lumps--Louisiana--Mississippi River Delta.	I:1-4
Sediments (Geology)--Louisiana.	I:1-4
Sedimentation and deposition--Mississippi River.	I:1-4
Shorelines--Louisiana.	I:1-4
Swamps--Louisiana.	I:1-4
Waterways--Louisiana.	I:1-4; II
Wetlands--Louisiana.	I:1-4
 Louisiana State University (Baton Rouge, La.). Coastal Studies Institute.	 I:1-2
Louisiana State University (Baton Rouge, La.). Department of Geography and Anthropology.	I:1-2; II
United States. Office of Naval Research. Geography Programs.	I:1-2

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LSU LIBRARIES SPECIAL COLLECTIONS

Coleman, James M.	I:2
Emmer, Rod E.	I:1-2
Fisk, Harold Norman, 1908-	I:4
Gagliano, Sherwood M.	I:2
Kniffen, Fred Bowerman, 1900-1993.	I:1; II
Morgan, James P. (James Plummer), 1919-1995.	I:1-2
Ouellette, Dorice Joseph, 1924-	I:1-2
Swaye, Frank J.	I:1-4
Van Beek, Johannes L.	I:2
Welder, Frank A.	I:4
Aerial photographs.	I:1-2
Articles.	I:4
Black-and-white photographs.	I:1; II
Clippings (information artifacts)	I:4
Field notes.	II
Geological maps.	I:3
Printed materials (object genre)	I:4
Slides (photographs)	I:2
Study photographs.	I:1-2
Technical reports.	I:4

CONTAINER LIST

Stacks Box Folder Contents**Series I. Geography research materials, circa 1839-1999, undated****Subseries 1. Photographs, 1964-1969, undated**

V:99	1	1	Baton Rouge area photographs, 1966, undated
		2	Mississippi River Delta photographs, 1967
		3	Coastal Studies Institute trip to study river currents photographs, Jan 1968
		4	After "Camille" photographs, 1969
		5	Miscellaneous photographs, 1966, undated
		6	South Pass Jetties and Garden Island Bay aerial photographs, 1964-1967
		7	C-95-1 thru C-95-16 - aerial photographs, undated
		8	C-96-1 thru C-96-16 - aerial photographs, undated
		9	C-97, C-98, C-99, C-100, Miscellaneous - aerial and field photographs, 1967, undated

Subseries 2. Slides, 1965-1970, undated

V:99	2	1	Slides (page 1-4), 1965-1966
		2	Slides (page 5-16), 1966-1968
		3	Slides (page 17-24), 1967-1970, undated

Subseries 3. Maps and charts, circa 1839-1970

104:- 105:	--	OS 1	Genesis and Paleontology of the Mississippi River Mudlumps, <i>Geological Bulletin</i> No. 35 (map plates 1-5), circa 1839-1950
			Survey of the Southern Part of Louisiana Showing Vegetation Types of the Louisiana Marshes, 1949
			New Orleans, Louisiana – Geological Survey, 1966
			Pensacola – Geological Survey, 1967
			Intracoastal Waterway New Orleans to Calcasieu, East Section, 9 th Edition, 1968
			Mississippi River Delta, 22 nd Edition, 1968

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<u>Stacks</u>	<u>Box</u>	<u>Folder</u>	<u>Contents</u>
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104:- 105:	--	OS 1	<i>Louisiana Water Resources Bulletin</i> , No. 1 (map plates 2, 4), circa 1966
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OS:S	--	OS 2	United States Department of Interior Geological Survey, Topographic Division (Project: GS – SWDL, State: Louisiana), March 8, 1970
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River Flow - Surface Salinity - Tide and Temperature Record, 1967

Subseries 4. Printed materials, 1959-1999

V:99	3	1	<i>Bar-Finger Sands of Mississippi Delta</i> , H.N. Fisk, 1961
		2	<i>Processes of Deltaic Sedimentation in the Lower Mississippi River</i> , Technical Report No. 12, Frank A. Welder, 1959
		3	Louisiana related news clippings, circa 1968-1969, undated
104:- 105:	--	OS 1	"I-10 Bridge Changes Mississippi River Scene at Capital: One Year, 7 Million Vehicles Later," <i>Sunday Advocate</i> , 27 April 1969
V:99	3	4	Miscellaneous items, 1967, 1999

Series II. Fred B. Kniffen field photographs, 1955, undated

4	1-3	False River Field Trip, 12 March 1955
	4	Pierre Part Field Trip, circa 1955, undated

APPENDIX

Swaye Collection Slide List

<u>Page #</u>	<u>Description</u>	<u>Parish(es)</u>	<u>Geography</u>	<u>People/Notes</u>	<u>Location</u>
1	Delta + Mudlump distribution map	Plaquemines	mudlumps		Box 2, Folder 1
1	L. Verret, LA	Assumption	Drainage from swamp to lake		Box 2, Folder 1
1	Tupelo Gum stand – Pierre Pass Part, LA	Assumption			Box 2, Folder 1
1	LSU Indian Mounds	East Baton Rouge			Box 2, Folder 1
1	Gas Well – Lake Verret Road	Assumption			Box 2, Folder 1
1	M. City – Spirit of Morgan City (ship displayed on land in town)	St. Mary, St. Martin			Box 2, Folder 1
4	Grand Chenier, LA + Little Chenier Bayou	Cameron	Marsh-brackish; cactus prickly pear; auguring	Fisher; Dr. Mac; Solman; Lebon	Box 2, Folder 1
1	Des Allemands, LA	Lafourche, St. Charles	Interdistributary Basin		Box 2, Folder 1
4	Oil-based field studies -- Bayou Black; Gibson; Grand Chenier; Esther – Pan American Oil Rig + Gas Well field	Terrebonne, Cameron, Vermilion	Indian Mound (Bayou Black); oil rigs; oil wells		Box 2, Folder 1
9	Alluvial deposits field studies -- Tunica Hills; Ft. Adams Road (Loess Bluff, Natchez Trace Parkway, MS); “Old River Sill” at Jct. of Miss R. + Atchafalaya; Plaquemine Point, LA	West Feliciana, Iberville, Avoyelles; Mississippi	Citronelle + Mississippi flood plain; loess exposure pond; distorted lamentations; water levels; bar deposits; alluvial deposits		Box 2, Folder 1

3	Robinson Canal + Bayou Petite Calliou near Chauvin; Cocodrie, LA	Terrebonne	Natural levee; vegetation (Batis, palmetto; marsh elder + hackberry; salt march veg; salicornia)		Box 2, Folder 1
3	Lake Borgne; Fort Jackson; Chalmette Battlefield National Park	Plaquemines, St. Bernard		Larry Shuermann; Rod Emmer	Box 2, Folder 1
14	Mudlumps field studies – Abandoned lighthouse at Pass-a-Loutre; South Pass	Plaquemines	Natural levee; vegetation (Rousseau); fiddler crabs; “wind roses”; Sand Spit; mudlumps (S. Pass); “Coffee Grounds”; gas, water + mud vent; fault zone; uplifted well casing - 10" bore-hole casing on unnamed mudlump	Rod Emmer; James M. Coleman	Box 2, Folder 1
1	Plaquemine Ferry, LA	Plaquemines			Box 2, Folder 1
2	Little Bayou Sara, LA	West Feliciana	alluvial fan; Abandoned Channel - Pt. Bar Loess; Loess bluff underlain by citronelle		Box 2, Folder 1
3	AERIAL: I-20 construction Jackson, MS; Franklinton, LA + Bogue Chitto R.; North Shore, Lake Pontchartrain, Mandeville	Washington, St. Tammany	waterways		Box 2, Folder 1
27	AERIAL: Head of Passes; Pass A Loutre; Cubits Gap; Garden Island Bay; Raphael,	Plaquemines, St. John the Baptist, Livingston	Waterways; bifurcation; mud vents; overbank flow; tidal channels; Interdistributary	Loomis, Johnson, Dennis?	Box 2, Folder 1

	Robinson Hingle Pass; Lake Salvador; Baptiste Collette + the Jump; South Pass; North Pass; Octave Pass; Flat Boat Pass; Tiger Pass; Grand Pass; Garryville; Port Vincent, LA; Fort Jackson		Bay; marsh; natural levee; crevasses; sugar cane arpent		
1	Avery Island Salt Mine	Iberia	salt mine		Box 2, Folder 1
1	South Pass Mudlump Growth Fault	Plaquemines	mudlumps		Box 2, Folder 1
2	Prairie scarp + flood plain; Ground palmetto, S.E. of BR	East Baton Rouge	flood plain; vegetation		Box 2, Folder 2
2	Kraemer, LA - well-drained swamp	Lafourche	swamp		Box 2, Folder 2
2	Lac des Allemands - reclaimed swamp + marsh; freshwater marsh	Lafourche, St. Charles	swamp + marshes	Pestrong, McCloy, Emmer	Box 2, Folder 2
2	Plaquemine Point, LA	Iberville	climbing ripples		Box 2, Folder 2
3	Bridges -- Mississippi R. Bridge, Sunshine Bridge; Bauxite-Alumina Plant (Arnette Plant); waterfront at Lafitte, LA	St. James, Jefferson			Box 2, Folder 2
4	St. Helena, Williana (Formation) "Citronelle," Phulgers(?) Bluff	St. Helena	alluvial deposits; Citronelle		Box 2, Folder 2

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1	Marmande Ridge natural levee from old Lafourche Distributary - S. of Lake Theriot	Terrebonne, Lafourche	levee		Box 2, Folder 2
1	Des Allemands, LA	Lafourche, St. Charles	freshwater marsh		Box 2, Folder 2
3	Amite River	East Baton Rouge	freshwater; sands + clay; mudcracks		Box 2, Folder 2
17	field trip -- Napoleonville; Bayou Lafourche; Boudreaux Canal; Bayou Mauvais Bois; USCG Station, Dulac; Turtle Bayou; Petite + Grand Caillou; Lake Robinson + Robinson Canal; Superior Canal	Assumption, Terrebonne	natural + artificial levees; canals; channels; oil wells; abandoned distributary; brackish marsh		Box 2, Folder 2
11	field trip -- Freeport Sulfur + Garden Island Bay; Tiger Pass; Des Allemands; Kreamer; Bayou Lafourche	Plaquemines, Lafourche, St. Charles	vegetation; natural levee; reclaimed marsh; freshwater marsh; brackish marsh; back swamp		Box 2, Folder 2
24	Mudlumps field studies – South Pass; Spit Auger Hole; South Pass bar Pilot Station; USCG (South Pass) Lighthouse + Port Eads	Plaquemines	<u>SP-1</u> ; sand spit; wave overwash; mud balls, mud vents, mudlumps, saltwater, methane + mud, “Coffee Grounds”; freshwater marsh, brackish marsh; dunes, backswamp, vegetation; fault zone; <u>10" bore-hole casing on SP-1</u> ; fault scarp	Emmer; Frank J. Swaye; McCree, Weisblatt, Goddard, Darrel, Boute?, Hart; Gwinn	Box 2, Folder 2
9	Piston Coring field trip -- Cheveril (Chevreuil)+ Bayou	Lafourche, St. Charles	piston coring; vegetation (cypress	Emmer; N. Edwards; M. Rider	Box 2, Folder 2

	Cheveril; Des Allemands + Lac Des Allemands		knees); freshwater marsh		
9	C.S.I. "Deltas" trip -- near Kraemer + Bayou Cheveril (Chevreuil) -- large field group in the swamp	Lafourche	cypress swamp	Dapples, Gagliano, Edwards, Emmer, Briggs, McAlester, Ouellette, Cline, Bonham-Carter, Sutton, Davies, Cruz, Weimer, Jopling, Coleman, Ferm, Swaye, Pederson	Box 2, Folder 2
3	Grand Pass - West Bay	Plaquemines	natural levee; vegetation; crest; pondweed		Box 2, Folder 2
24	AERIAL: C.S.I. trip - - NO; Bonnet Carre Spillway; Atchafalaya bridge; chemical plant S. of Donaldsonville; Blind River; Venice, "the Jump"; St. Bernard Marsh; South Pass; SP-1 Mudlump ; Southeast Pass + mudlumps; Breton Islands; Indian Mounds in Lafourche Delta; Pointe Au Chien + abandoned distributary; Houma; Grand Gosier Island	Orleans, St. Charles, Iberville, St. Martin, Ascension, St. James, St. Bernard, Plaquemines, Terrebonne	SP-1 ; brackish marsh; mudlumps; arpent; sand spit; abandoned distributary; swamp; islands; delta; Indian mounds		Box 2, Folder 2
1	end of Tiger Pass- West Bay	Plaquemines	salt vs. freshwater		Box 2, Folder 2

1	Short Course participants on Plaquemine Point	Iberville	alluvial deposits		Box 2, Folder 2
11	field trip -- Charter boat Venice, LA; Grand Pass; Tiger Pass; West Bay; Bayou Little; Garden Island Bay; BH 51	Plaquemines, Terrebonne	oil rigs; gulf refinery; drilling rig; natural levee; back swamp; Intertributary Bay		Box 2, Folder 2
3	BR New State Capital - view of capital grounds, Huey P. Long grave site, Mississippi R. + bridge from top of capital building	East Baton Rouge			Box 2, Folder 2
12	Tiger Pass trip - Tiger Pass; West Bay; BH 44, BH 48, BH 50, BH 51, BH 53	Plaquemines	bank erosion; exposed roots; levee; tidal channels; low tide; fiddler crabs		Box 2, Folder 2
1	N.O. St. Louis Cathedral	Orleans			Box 2, Folder 2
2	AERIAL: Tiger Pass Delta; Tiger Pass at Little Pass de Wharf; BH 53	Plaquemines	aerial view of delta junction		Box 2, Folder 2
1	River Road East - cane cutting	Plaquemines	machine cutting cane		Box 2, Folder 2
1	South Pass Crevass - Outlet 4.4 West	Plaquemines	possible refinery in background		Box 2, Folder 2
4	G.S.A. Aerial trip -- Breton Island, Miss R. + Gulf Water Interface SE of Grand Isle	Plaquemines, Jefferson	gulf water interface; freshwater/saltwater interface	G.S.A. - Geological Society of America	Box 2, Folder 2
14	Pass-A-Loutre trip -- at mouth of Pass-a-Loutre on boats with instruments	Plaquemines	Delta jet; theodolite; fathometer; price meter; dye experiment; CB radio	Bonhan-Carter, Sonu, Ouelette, Van Beek, Adams, Gagliano, Carter, Rector, Edwards, Swaye, on "Costi"	Box 2, Folder 2

12	Tiger Pass trip -- Tiger Pass; Low Pass; BH 45, BH 49, BH 51, BH 54	Plaquemines	interdistributary bay (marsh); exposed channel + sediments; backslope; natural levee; mudflat; banks; low tide	Ouelette, Roseau, Spartina	Box 2, Folder 2
1	Raphael Pass	Plaquemines	low tide; shallow water; vegetation		Box 2, Folder 2
23	AERIAL: Tiger Pass trip(s) -- Tiger Pass; West Bay Miss. Delta at "Cable Crossing"; Grand Pass; Judge Perez Camp; Tidewater Canal; Mouth of Tiger Pass; BH 43, 44, 45, 49, 50, 51, 53, 54, 55, 56	Plaquemines	levees; vegetation; tidal channels		Box 2, Folder 2
31	AERIAL: BR (LSU) + Miss. R.; Plaquemine - Manchac + Concord Points; Miss. R.; Avery Island Salt Dome, Solution Lake; Belle Isle Salt Dome; Bauxite Refinery - Miss. R. near Sunshine Bridge + Donaldsonville; Bayou Lafourche; St. Gabriel; Calcasieu R.; Yazoo River Valley (S. of Greenwood, MS); Amite R.; White Lake, Cameron; Atchafalaya; American Bay; Baptiste Collette; South Pass; Pass-A-Loutre; Head of Passes; Ostrica	Plaquemines, Iberville, Iberia, St. Mary, St. James, Cameron, Vermillion, St. Martin, Ascension	grazing land; cane fields; arpent land division; back swamp; oil refinery; oil canals (around Avery Island); pepper fields; canals; crevasse; jetty; erosion; oil wells; Pleistocene; marsh fire burns; drainage; over bank splays; mudlump; subaqueous natural levee; tidal flat + channel; tidal flat + roseau		Box 2, Folder 2

	Locks, Oyster Reef; Breton Islands; North Breton				
2	Miss. R. from newly opened I-10 bridge (in flood); Grand Isle, (Field Methods in) Geography II - class 141	East Baton Rouge, Jefferson	tugboats + barges on the Miss R.	Dr Gagliano with group of students on the beach	Box 2, Folder 2
1	Gulf Research Operation		on a ship with possible core sampling equipment	possibly Dr. James P. Morgan	Box 2, Folder 3
1	Offshore rig in Pass-a-Loutre in for repairs	Plaquemines	oil rigs; gulf refinery; drilling rig		Box 2, Folder 3
2	AERIAL: Causeway Lake Pontchartrain; Raphael Pass Crevasse	Plaquemines	brackish estuary; crevasse		Box 2, Folder 3
9	Class trip -- offshore oil platforms under construction near Morgan City; Weeks Island salt dome + Morton Salt Co.; Calcasieu Lake; Cameron; Rutherford Beach + Mouth of Mermentau R.; Des Allemands Marsh; Chenier, Grand Chenier; Plaquemine Point	St. Mary, St. Martin, Iberia, Cameron, Iberville, Lafourche	oil rigs; salt domes; pimple mounds; mudflats; vegetation; Fiddler crabs; salt marsh; dry pond; bar deposits		Box 2, Folder 3
1	Pickneyville, Miss. gravel pit	Mississippi	Loess capping, Williana or Citronelle (red) sediments		Box 2, Folder 3
24	AERIAL: Baton Rouge; Bayou Lafourche + Golden Meadow; Mississippi R.; Romeville; Port Houmas	Plaquemines, East Baton Rouge	prairie terrace; natural levee; crevasse levees; freshwater marsh; sugar cane; sugar mill; arpent; backswamp;		Box 2, Folder 3

	(Burnside); Blind R. near Gramercy; Galiano; Lake Enfermer Gas field; Lake Martin; French Settlement; Amite R.; Head-of-Island; Baptiste Collette; West Bay Marsh at Venice Dome; Buras-Venice marsh area; Empire; Quarantine Bay; Pass-a-Loutre; Southeast Pass; Cubits Gap; Grand Bayou Pass + Bastian Island		distributary channel; tidal channel; tributary channel; canal dredging; gas field; cypress swamp; mudflats; drainage; brackish marsh; floating marsh; Interdistributary Bay		
7	Pass-a-Loutre; Raphael Pass; Cubits Gap	Plaquemines	gravity wench + core barrel; crevass; sub-delta; trifurcation	"Costi"	Box 2, Folder 3
3	Offshore rigs		ship shoal	"Costi"	Box 2, Folder 3
4	Chenier Pass, Garden Island Bay; Miss. R. at South Pass; Dutch Bayou; Lake Maurapas	Plaquemines, St. John the Baptist	inundated natural levee; flooding; main current; waves; cypress; bouy		Box 2, Folder 3
2	AERIAL: South Pass Distributary Mouth	Plaquemines	Fresh, salt + marine; turbid interbed (at South Pass); freshwater/saltwater interface		Box 2, Folder 3
6	AERIAL: South Pass mudlumps; Southeast Pass mudlumps; Bar Pilot Station; Lower Atchafalaya R.	Plaquemines, St. Mary	SP-3; mudlumps; levees; spit; jetties; braided channels		Box 2, Folder 3
6	South Pass; Sawdust Bend Bayou; Garden Island Bay, LA Wildlife + Fisheries Camp	Plaquemines	natural levee; backslope; alligator weed + new spring vegetation; crevass;	"Costi"	Box 2, Folder 3

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6	Tiger Pass; Red Pass; Miss. Delta; West Bay; South Pass	Plaquemines	interdistributary basin; coring (S. pass)	D. Wright; Van Beek; Swaye; H. Roberts	Box 2, Folder 3
3	Pass-a-Loutre Crevass; Grand Isle; Barataria Bay; Port Hudson Nat. Cemetery	Plaquemines, Jefferson, East Baton Rouge	crevasse; black mangrove; reverse flow		Box 2, Folder 3
20	AERIAL: Mudlumps Southeast Pass; L. Pontchartrain; New Orleans East; Miss. R.; Port Sulphur; St. Bernard Delta; Miss. Delta; MR Gulf Outlet; L. Eloi; Grand Gosier Island; Pass-a-Loutre; Chandeleur Islands; Stake + Curlew Islands; Breton Sound + Breton Islands; Garden Island Bay, LA Wildlife + Fisheries Camp	Plaquemines, Orleans, St. Bernard	mudlumps; swamp; marsh; channels; freshwater/saltwater interface		Box 2, Folder 3
5	Gulf Research + Development: Coring Work on board ship		cores + equipment; core barrels; weights; weight holder	"M/V Monterey"	Box 2, Folder 3
7	Hurricane Camille damage: Pass-a-Loutre (PAL) Refuge - boathouse; Garden Island Bay, LA Wildlife + Fisheries Camp	Plaquemines	structural damage to camp buildings		Box 2, Folder 3
4	South Pass: on board ship with reserch equipment	Plaquemines	unspecified equipment		Box 2, Folder 3
2	casing at South Pass Mudlump	Plaquemines	<u>10" bore-hole casing</u> ; mudlump		Box 2, Folder 3

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1	AERIAL: unknown pass on the Mississippi R. Delta	Plaquemines			Box 2, Folder 3
14	AERIAL: Miss. R. at Port Sulphur; Fort Jackson; South Pass; Southeast Pass; Pass-a-Loutre; North Pass; Head of Passes; Garden Island Bay	Plaquemines	debris on banks; flattened cane; floating debris; freshwater/saltwater interface; crevasse; bifurcation; crevasse splay		Box 2, Folder 3
2	AERIAL: State Capitol grounds; Governor's Mansion; Arsenal; Miss. R. at BR with bridge in view	East Baton Rouge			Box 2, Folder 3
3	AERIAL: Mississippi R. at New Orleans; Mississippi R. at BR looking toward Port Allen	East Baton Rouge, Orleans, West Baton Rouge	ferry + freighters on river		Box 2, Folder 3
1	Des Allemands Marsh	Lafourche	freshwater marsh		Box 2, Folder 3
1	Gulfport Mississippi	Mississippi	beached ships after Hurricane Camille		Box 2, Folder 3
4	South Pass; East Jetty Lighthouse on Miss. R.; slide taken of photo of Grand Gosier Island (Pre-Camille)	Plaquemines	unspecified research equipment; lighthouse	Bell Hart; USCGS - U.S. Coast and Geodetic Survey; NAVOCEANO - Naval Oceanographic Office, Point Spencer, New Orleans	Box 2, Folder 3
3	MISC AERIAL: Garden Island Bay, Cheinere Pass;	Plaquemines			Box 2, Folder 3

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	unnamed coastal areas (possibly South Pass jetties)				
3	Baton Rouge: flooded Parade Grounds on campus; aerial pics of LSU campus + State Capitol building	East Baton Rouge			Box 2, Folder 3