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AUSTIN

AUSTIN, TEXAS

December 31, 1959

The Marine Fisheries Division of the Texas Game and Fish Commission has its headquarters in Rockport at the Marine Laboratory. Field stations have been established in various outlying areas and the Field Laboratory at Seabrook serves as sub-headquarters for the work in the Galveston Bay region.

When the Marine Laboratory was constructed in 1946-47 a staff was assembled and studies of the life histories of various species were begun. Early reports of the Marine Laboratory which were mimeographed and given limited distribution bore such names as "The Blue Crab Investigation" or "The Shrimp Investigation" or "The Oyster Investigation" and etc. Much data have thus been made available for species in the Aransas Bay area.

With the relatively recent increase in fishing pressure and changing concepts of wildlife and fishery management, the need for marine fishery management recommendations was seen as our most pressing problem. In order to develop the desired information in the most efficient manner, a program of regional investigational projects was instituted. Technical people were employed to make general studies of areas, applying the results of earlier species studies to those same forms in different regions. The coast was divided into nine regions which are described as follows:

- | | |
|--------------|--|
| Region M - 1 | Texas' portion of Sabine Lake |
| Region M - 2 | Upper Galveston & Trinity Bays |
| Region M - 3 | Lower Galveston, East & West Bays |
| Region M - 4 | Matagorda and Lavaca Bays |
| Region M - 5 | Espiritu Santo and San Antonio Bays |
| Region M - 6 | Mesquite, Aransas & Copano Bays |
| Region M - 7 | Corpus Christi & Nueces Bays |
| Region M - 8 | Upper Laguna Madre (to land cut) & Baffin Bay System |
| Region M - 9 | Lower Laguna Madre and South Bay |

Regions MO-1 (for oyster studies) and MP-1 (for pollution studies) include all of Regions M-1 through M-3.

Regions MO-2 (for oyster studies) and MP-2 (for pollution studies) include all of Regions M-4 through M-9.

To further facilitate programming, budgeting and reporting an outline of investigational work was prepared. Generally all field studies will fall into either population or environmental types. In order that specific projects and jobs could be identified a numbering system based on the regional distinction and work outline was adopted.

I. Population Studies

A. Vertebrates

1. historical or literature survey
2. inventory of forms & relative abundance
3. utilization by man & other marine forms
4. life history studies

B. Invertebrates

1. as in "A" above
2. as in "A" above
3. as in "A" above
4. as in "A" above

C. Floral components

1. as in "A" above
2. as in "A" above
3. as in "A" above
4. as in "A" above

II. Environmental Studies

D. Bottom sediments

1. as in "A" above
2. inventory of types present
3. possible effect on marine populations.

E. Hydrographic & climatological data

1. as in "A" above
2. records during project
3. as in "D" above

F. Chemical & physical water data

1. as in "A" above
2. as in "E" above
3. as in "D" above

Projects for most biologists are ecological surveys of a region. Several types of study may be undertaken under the project heading. These then are given job numbers which coincide with the outline. For example: Project No. M-2-R-1 is the first year of a research project in area M-2. Job No. E-2 is an account of hydrographic and climatological conditions during the period of study.

Since several years must often elapse before an area is sufficiently well known to understand its inner workings, and since the staff is subject to periodic changes it is our belief that interim records of conditions and occurrences must be maintained, for this reason the reports herein contained will reflect very few conclusions and make even fewer recommendations. They are simply summaries of the notable happenings for various bays.

This binder contains the first of the formal reports on the projects undertaken in 1958. Also included is a reprint of the Division report from the Department's printed Annual Report. Together these will give some indication of recent Division activities. In the future single reports will be mailed as they become available rather than as a group.

ORGANIZATION OF THE MARINE FISHERIES DIVISION AS OF 31 DECEMBER 1959

Howard T. Lee,
DIRECTOR

Terrance R. Leary
ASSISTANT DIRECTOR

Project Personnel:

<u>Region</u>	<u>Leader</u>	<u>Assistant Leader</u>	<u>Field Assistant</u>
M - 1	Stevens, J.R.	-----	Wiltz, J.A.
M - 2	Pullen, E.J.	-----	Laming, W.
M - 3	-----	-----	-----
M - 4	Day, D.S.	Lyon, J.H.	Sutton, L.
M - 5	Childress, J.R.	-----	Weber, F.
M - 6	Schultz, R.L.	-----	Flores, A.
M - 7	Stevens, H.R.	-----	Edgington, H.O.
M - 8	Simmons, E.G.	Martinez, A.R.	Spence, C.R.
M - 9	Breuer, J.P.	-----	Laney, W.L.
MP - 1	Marek, R.	-----	-----
MP - 2	Spears, R.W.	-----	-----
MO - 1	Hofstetter, R.P.	-----	Cook, A.G.
MO - 2	Heffernan, T.L.	-----	Shidler, J.K.
MS - -	Goodwin, C.B.	-----	Brown, F.L.
MD - 1	Mebane, F.	-----	-----

Laboratory Staff:

Rockport - Marine Laboratory
 Battaile, I.F. - Statistical
 Beasley, W.H. - Accounting
 Bell, Mary F. - Lic. - Clerical
 Currie, Carol S. - Clerical
 Pounds, Sandra G. - Librarian - Illus.
 Dominguez, J. - Custodian

Seabrook - Field Laboratory
 Doty, Sonia - Lic. - Clerical
 Warren, H.A. - Custodian

Maintenance Staff:

Rockport - Marine Laboratory
 Shults, S.S. - Supervisor
 McGlamery, J.H. - Ass't. Supervisor
 Rinche, J. - Ass't. Supervisor
 Covarrubias, J. - Maintenance Ass't.
 Dominguez, P.L. - Maintenance Ass't.
 Majorado, D. - Maintenance Ass't.
 Morales, A. - Maintenance Ass't.
 Dominguez, R. - Maintenance Ass't.