

### Supplemental On-Line Material

Figures S1 and S2 show the location and numbering of stations used by [16,24] (Figure S1) and [23] (Figure S2).

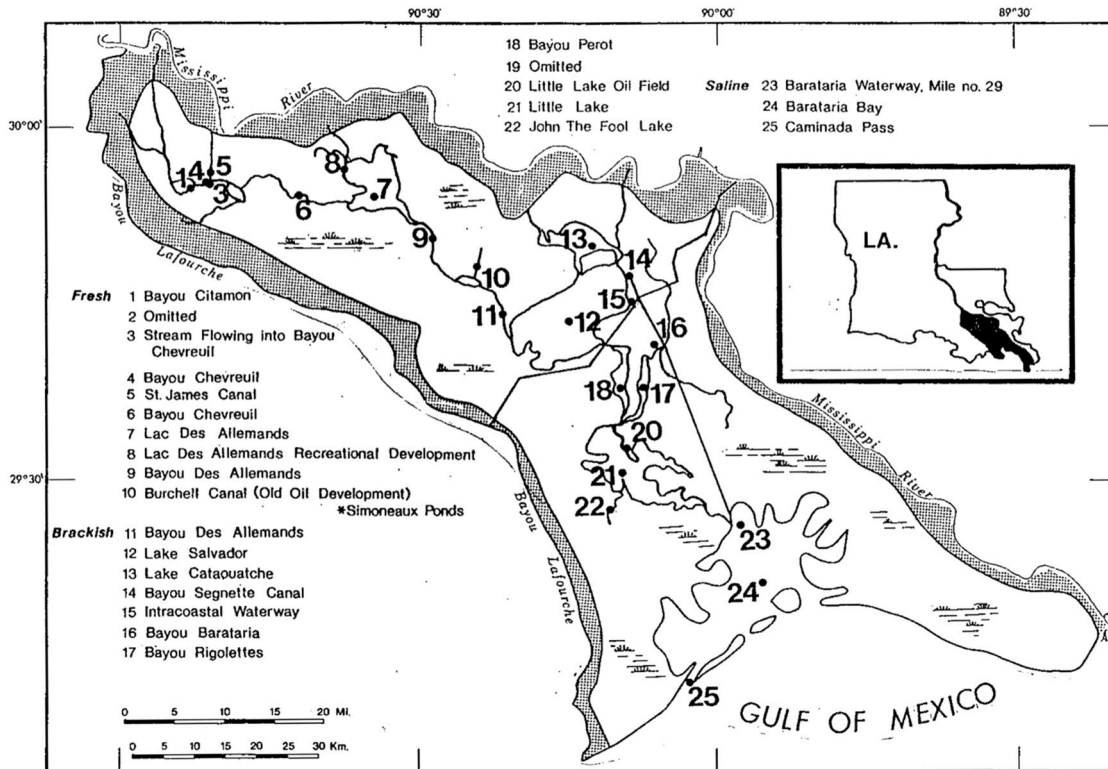
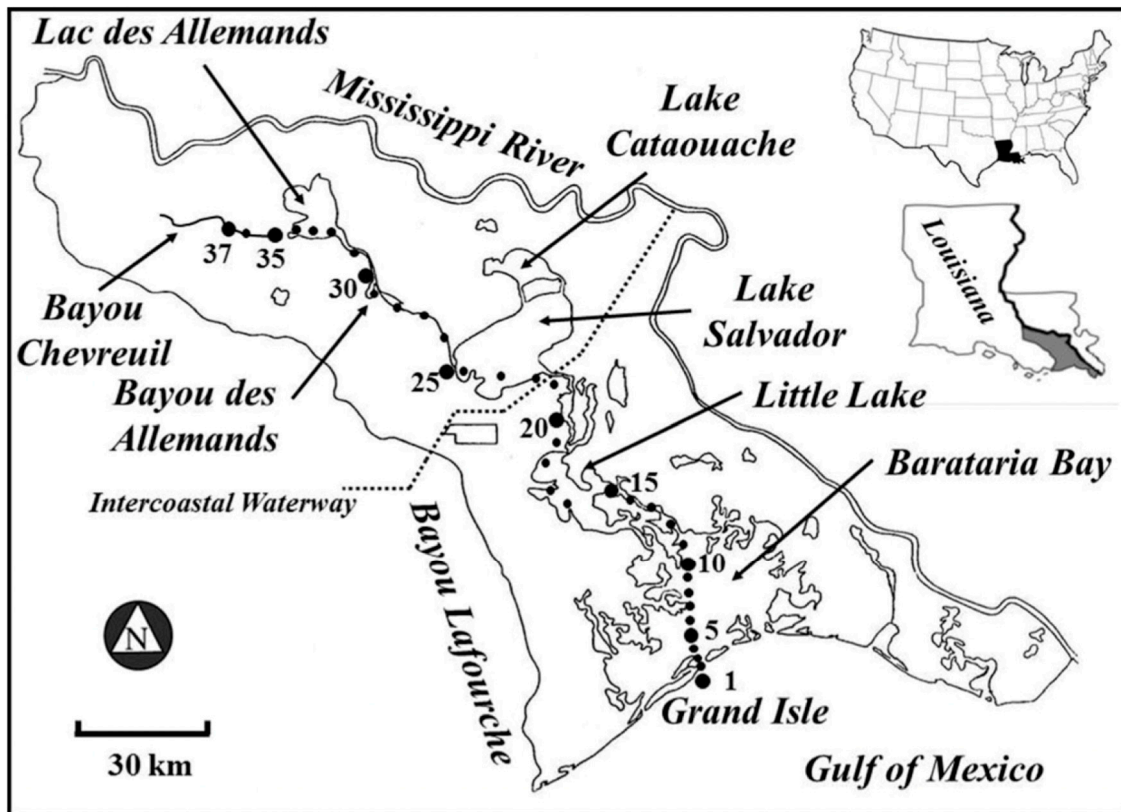


Figure S1. Station locations used by [16,24] for quarterly transects of the Barataria Basin in 1977–1978.



**Figure S2.** Station locations used by [23] for monthly transection in the Barataria Basin in 1995–2016. Additional stations in eastern Lake Salvador and Lake Cataouatche were added in 2005 to reflect the impact of the Davis Pond Diversion.

**Table S1.** Station groupings used for comparisons of Seaton and Turner (Pre- and Post-diversion) transects.

Station Location	Seaton Station Numbers	Turner Station Numbers	Station Grouping
Bayou Chevreuil	4, 6	35, 36, 37	BC
Lac des Allemands	7	32, 33	LA
Bayou des Allemands N	9	30, 31	BAN
Bayou des Allemands S	11	27, 28	BAS
Lake Salvador	12	23, 24	LS
Lake Cataouatche	13	EM04, EM05	LC
Bayou Perot	18	19, 20	BP
Little Lake	21	16, 17, 18	LL
Barataria Bay N	23	9, 10, 11, 12	BBN
Barataria Bay S	24	5, 6, 7, 8	BBS
Gulf of Mexico	25	2	GOM

