

Male red drum attract females with a deep thrumming noise created by vibrating a muscle in their swim bladder. They sometimes make the same sounds when you catch and release them.

The Lower Laguna Madre is a

6-mile-wide, 50-mile-long estuary

flanked to the east by South Padre Is-

and swirling shorebirds.

baitfish.

bills, giant herons, and swooping os-

While some of Arroyo's denizens amount of vast terrain make the Lowcapes, overall they are a very pleas- out peer. ant bunch. With a boat on every other lawn, many of them are in Arroyo mere 26 years old, he is my pipeline City for the same reason I am—to fish to the reds, his specialty on the flats of the adjacent Lower Laguna Madre, a the Lower Laguna Madre, Spanish for lagoon of staggering proportions that "Mother Lagoon." The sole fly-fishingholds what is arguably the most ex- only guide who actually lives in town, pansive white sand redfish flat on the he's cut his teeth on the waters of planet. Other Gulf states offer stellar Alaska and Patagonia, but these days, redfishing indeed, but the unique enguiding exclusively in his home state, vironment, breadth of species, and Paschal pursues all things redfish.

VISITING ARROYO CITY, TEXAS,

FEELS LIKE YOU'RE AT THE END OF

THE EARTH. The small hamlet rests

at the terminus of Texas Farm to Mar-

ket Road 2925, and is adjacent the

Laguna Atascosa National Wildlife

Refuge. There is no gas station in

town. The only option for supplies

or booze lies in a few shops, which

serve up all you need sprinkled with

an occasional attitude as prickly as

the pear cactuses that line the road.

Signs like "HIPPIES USE BACK-

DOOR" [sic] and "NO CHANGE, NO

EXCEPTIONS" dangle from weather-

beaten shingles or from rickety cash

registers. When I made my \$3.50 pur-

chase, the cashier shot me a bristly

look and said, "Four dollars. Unless

you have change, we round up."

might have a barb or two under their er Laguna a redfishery that is with-

Ben Paschal is a confident guide. A

The hypersalinity of the lagoon is caused by evaporation, and by low freshwater inflows from the Arroyo Colorado. The Texas Commission on Environmental Quality has instituted a water quality protection program to preserve this unique habitat.

Photo Brian Irwin

landing permit on fly. The Lower La- My loaner line twanged as it ripped guna Madre is home to the "big girls" toward the horizon. The skunk was and holds the Texas state record on washed away. fly: 15 pounds and 37 inches.

The End of the

a paucity of inflowing fresh water, and ter it down, rather than the opposite. trance of the wildlife refuge. Its shallow depth and arid shorelines promote brisk evaporation.

sists of Bahamian-style hard sand flats with little vegetation. The western half Laguna Madre system, which is comprised of the Lower Laguna Madre and the neighboring, and similarly sized, Upper Laguna Madre.

with an average depth of 3.6 feet. It's **Red Drum**

The evening of my arrival we hit land, most reputable as a bastion for the sand in search of reds. The sun misbehavior during Spring Break seawas setting and the birds were clusterson. But on the Laguna there's no MTV ing over pods of tailing reds. I'd nevironic contrast to the aforementioned. positions and behavior. They were The western border of the Lower clustered in a pod of a dozen or so, Laguna Madre is largely comprised their tails waving in the wind as they of brushcountry, wandering javelinas, forward stroke. As my line unfurled the eastern Laguna. and the fly popped over my terminal Paschal and I were on the flats by loop, my line came tight—and shot off **Arroyo Colorado** sunrise each morning. Roseate spoon- into the sky.

black drum, and the occasional mon- harmed, I led the fish less generous- namesake instrument. ster spotted seatrout. Everything is ly this time. My frame of reference As I dipped the fish back into its just a little bigger in Texas than else- was bonefishing, and although these home water I contemplated the fact where, and the trout are no excep- fish are anything but easy, you that this broad pan of a lagoon has very tion. Trout in the 2-foot range aren't don't lead them with quite the dis- little water exchange. There are few uncommon, but getting them to eat tance. With a cast and a strip I again inflowing fresh water sources, a priis difficult, arguably as challenging as came tight, this time with a redfish. mary one being the Arroyo Colorado.

I pulled yet another red out of the The Lower Laguna Madre is a salty same pod and landed a third before place, more so than the ocean. As one we retired to my rental house, one of only a half dozen hypersaline la- Paschal sublets on the cheap. It's goons in the world, it's considerably a nice place, with fish lights on the more saline than the open sea. There's dock to allow for seatrout plucking over cold beers. It sits on the shore of this fact leads to the estuary's designathe Arroyo Colorado River, a few mintion as a negative estuary, one where utes' ride upstream from the Laguna, seawater flows into the lagoon to wa- and only one house down from the en-

While this is a remote, quiet town, my neighbors were celebrating some-The eastern half of the lagoon con- one's quinceañera, a traditional Hispanic celebration of coming of age, akin to a bar mitzvah. My housekeepis more verdant, the floor cloaked with er had left a sheet of fresh enchilafragile seagrass. Over 80 percent of all das and tostadas on my table. And so the seagrass in Texas resides in the I nibbled, sipping a Modelo beer under the dock lights, with the sound of authentic cultural music in the background. In front of me, moths swarmed. Baby tarpon rolled in the river. And the anticipation of the next day was rife within me.

In the morning we were on the water at first light. The wind was up. and on it sailed sheets of various birds. They piled onto small islands fanfare nor raucous partiers, rather a er caught a redfish before, nor even in the Laguna, picking at insects or slice of raw wilderness that stands in seen one, but was awestruck at their dissecting mullet they'd caught. Despite 20 mph winds, we were able to feed a few reds, some nice ones in the 28-inch range. They ate discrimiof wilderness. The Laguna Atasco- churned up the bottom and burrowed natively, and like other flats species, sa National Wildlife Refuge stretches for dinner. A pack of gulls hovered required patience, as only a small for scores of miles along this border, overhead, gliding in classic oppor- percentage of your shots would be fading into a string of private ranch-tunistic fashion. I cast to the pod, successful. We got more than 30 shots es like the King Ranch, which is al-stripped, and came up empty. The a day, and by midafternoon most of most three quarters of a million acres second cast I laid down with a gentler them were on the hard sand flats of

The sun was high and the wa-I'd hooked a gull. But the fish ter tepid as I released a nice redpreys flirted with the coastline or were still there. Paschal, with calm fish, which is the colloquial term for hovered over clumps of vulnerable collectedness, passed me anoth- red drum. They're named that beer rod and said, "I'll deal with the cause when they become excited, or Mullet occasionally rocketed out of bird. They're not spooked yet. Get spawn, they belch a baritone noise the water, fleeing from hungry reds, a red." As he cut the bird free, un-that thumps like the sound of its

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Photo Brian Irwin

The Laguna is bordered on the east by the Padre Island National Seashore; its namesake is purportedly the largest barrier island in the world. Only a few land cuts through these islands allow seawater to exchange with the lagoon's water, and so the health of rivers like the Arroyo Colorado largely determines the health of the water in the Lower Laguna. And they both are at risk.

In 2001, the Texas Parks and Wild-life Department studied the fauna of the Arroyo Colorado, collecting over 23,000 vertebrates. They found that in the upper reaches of the Arroyo Colorado, the concentration of fish was alarmingly lower than the lower river. According to Mark Lingo, the department's Lower Laguna Madre Leader, "...water quality may be an issue in the upper portion of the study area." He cited low oxygen content as a primary factor in restricting the population of fauna in this area.

"Major increases in the amount of phosphorus entering a watershed can cause rapid increases in algal growth rates that can lead to the formation of algal bloom," stated Lingo. Phosphorus levels rise as a result of agricultural runoff, as it's contained in fertilizers, which are frequently used on the region's citrus groves and other farming plots. The resultant algae blooms consume oxygen and threaten the river, and subsequently the lagoon's, fish population. As a major fish nursery for the Laguna Madre's trout stock, and a water supply for the reds that spawn near the river's mouth, this ecosystem was once on the tenuous brink of irreparable injury.

The Texas Commission on Environmental Quality (TCEQ) has implemented a water protection program in response to threats to the river. A long-term project, the goal is to achieve decreased pollution of the waterway through a series of partnerships with landowners, habitat restoration, and

implementation of projects "intended to reduce storm water runoff, reduce sediment load and reduce the volume and velocity of the flow of the runoff in drainage ditches and the Arroyo Colorado." And although much has been done, the project has far from completed full preservation of the river. Today the Arroyo Colorado and the downstream lagoon still remain at significant risk. According to Lisa Wheeler at the TCEQ, despite valiant efforts, "An increase in the level of dissolved oxygen in the tidal portion of the Arroyo Colorado has been observed since the WPP was finalized in 2007."

The Laguna Madre is an exceptionally unique area. It's a region thick with wildlife, finned and otherwise. From the birds that throng the fragile islands that spot the lagoon, to the reds and trout that thrive beneath the surface, it's a true wilderness treasure. Unspoiled and unvarnished, the Madre is unlike any other coastal waterway in the United States. And once it's altered, it may never return to the pristine state it quietly boasts today.

When I loaded my rod to fire my last cast of my last day on the Lower

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Laguna Madre, I double-hauled a short bit of line to pierce the wind, and placed the fly inches in front of a single cruising redfish. Two quick strips and the creature spun on a dime, ate, and yanked my line deep toward the sunset, my backing arcing in the wind like the twine on a flown kite.

I pulled the fish to my feet, unhooked the fly from its mouth, and lowered it to aerate its gills. As I slid it back into the water, it released a single drum. As if singing its song, or perhaps making a plea to return to the clear water where it lives and spawns, the subtle drumbeat faded into the wind.

The fish swam off toward the mouth of the Arroyo Colorado River. And when she arrives there, and if the water is adequately saturated with soothing oxygen, her progeny will survive to later roam the sand flats. And perhaps someday they will, if I'm lucky, again find my fly.

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Photo Brian Irwin