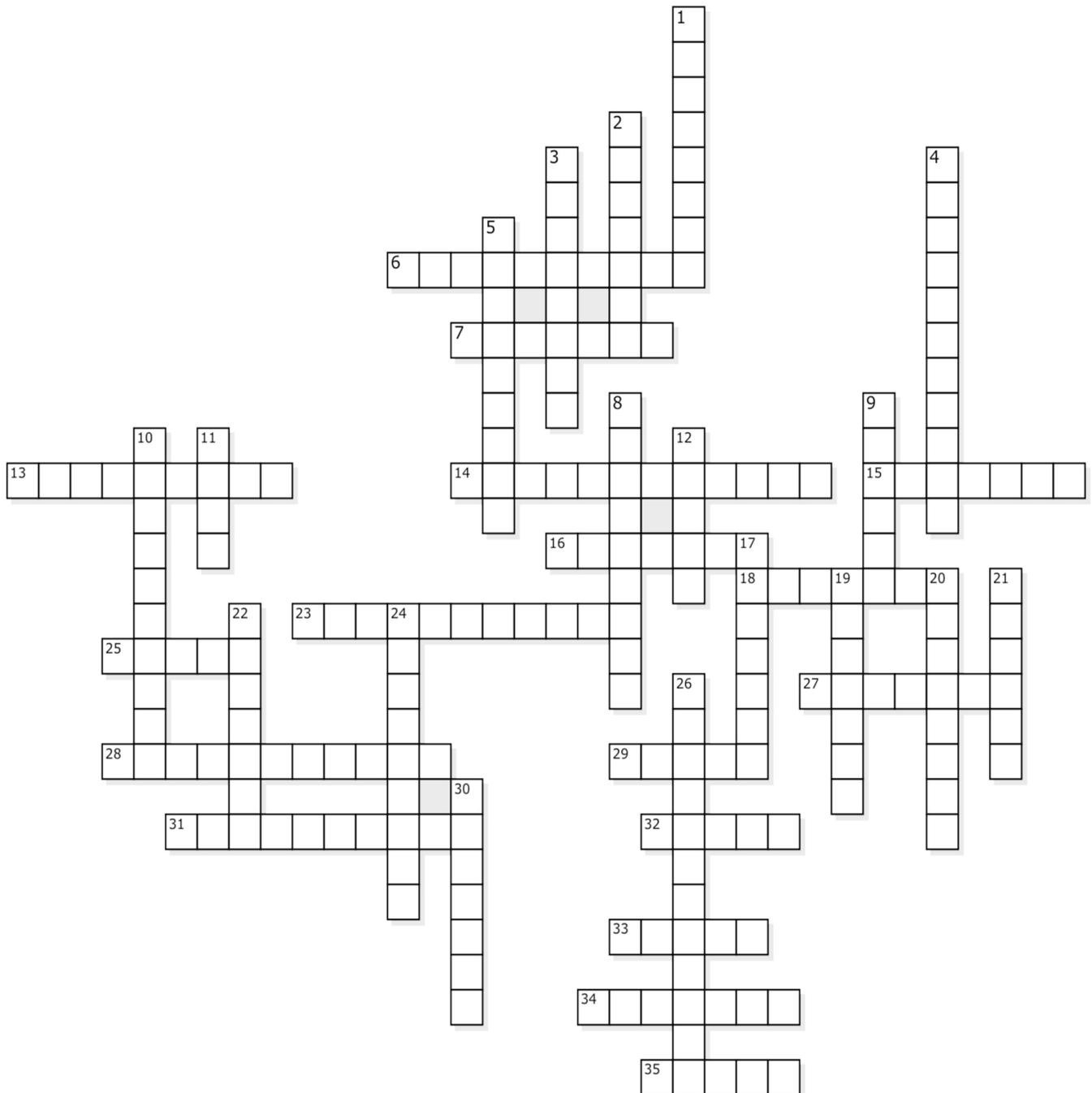


AMERICA'S WETLAND

Crossword Challenge



Across

- 6) The creation, restoration, enhancement or protection of wetlands as compensation for the negative impact of human activity. (What are those activities?)
- 7) A victim of pollution, this symbol of Louisiana disappeared from the state in the 1960's. (Reintroduced from Florida, they are now threatened by habitat loss.)
- 13) Saltwater _____ often results in the death of freshwater species.
- 14) The preservation and careful management of the environment and natural resources. (Can you think of examples?)
- 15) Process in which land is worn away by external forces, such as wind, water, or human activity. (What are those human activities?)
- 16) A change in this could result in a rise in sea level (Bad news for coastal, low-lying cities like New Orleans!) and more severe weather conditions.
- 18) Adapted to live in soggy soil, these trees also provide wind protection from storms. (Referred to as "bald" because they lose their needles in the winter.)
- 23) This "long river" is a tributary of the Mississippi and where that really long river would flow if it were given a chance.
- 25) An embankment designed to prevent flooding. (Unfortunately, it also holds back sediment.)
- 27) _____ islands are the coast's first line of storm defense.
- 28) Returning previously degraded, filled, or dredged wetlands back to their original condition. (Where in Louisiana is this currently happening?)
- 29) A man-made structure placed perpendicular to the shoreline to deflect a current. (At the mouth of the Mississippi, they force sediment off the continental shelf.)
- 31) Alligators, spartina, buttonbush, poule d'eau and pogies are all _____ or native to Louisiana's wetlands. (What does it take to survive in this environment?)
- 32) A flooded grassland. (And, the most productive ecosystem this side of the rainforest!)
- 33) A flooded forest. (And, where Shrek lives.)
- 34) Jazz and zydeco, Cajun and creole cuisine, pirogues and shotgun shacks are all examples of the unique _____ of Southern Louisiana. (So, where yat?)
- 35) The _____ of 1927 prompted the federal government to reengineer the Mississippi river. (Why was this both good and bad?)

Down

- 1) High concentrations of this are responsible for creating the world's largest dead zone in the Gulf of Mexico. (Where does it come from and how does it kill?)
- 2) The most costly "natural" disaster in US history. (Why the quotation marks?)
- 3) Nutria, water hyacinth, and Asian carp are examples of introduced or _____ species. (Can you think of other examples?)
- 4) The process of deterioration over time, i.e., what's been happening to Louisiana's wetlands.
- 5) A cut in a river to redirect water and sediment. (Where are they here and where else do we need them?)
- 8) An Atlantic cyclone. (The term came from a people no longer here. What happened to them?)
- 9) To remove sediment from a waterway. (Why do we do this and what are the consequences?)
- 10) Sinking, or the leading "natural" cause of wetland loss. (What can we do to offset this?)
- 11) Sediment carried by a waterway and why the Mississippi is often referred to as "The Big Muddy." (Where does all that soil go?)
- 12) Channel for either navigation or drainage. (New Orleans actually has more miles than Venice!)
- 17) The study of the interactions between living organisms and their environment. (Can you think of examples?)
- 19) A percentage of the revenue from mineral production paid to a landowner. (How much should oil and gas companies pay the state and what should this money be used for?)
- 20) The amount of salt in water. (Why should we care about this?)
- 21) Offshore drilling platforms, oil and gas pipelines, tankers and refineries - there's a reason Louisiana is called America's _____ Coast.
- 22) Crawfish étouffée, alligator sause piquante, blackened redfish, and raw oysters - this industry is a big part of who we are.
- 24) The science of water management.
- 26) Vital waterway cutting across the Atlantic and Gulf coasts of the United States. (Why is it both vital and damaging?)
- 30) A partially enclosed body of water where fresh and saltwater meet. (And, an important nursery for wildlife!)

Wetland Answers

Across

- 6) Mitigation
- 7) Pelican
- 13) Intrusion
- 14) Conservation
- 15) Erosion
- 16) Climate
- 18) Cypress
- 23) Atchafalaya
- 25) Levee
- 27) Barrier
- 28) Restoration
- 29) Jetty
- 31) Indigenous
- 32) Marsh
- 33) Swamp
- 34) Culture
- 35) Flood

Down

- 1) Nitrogen
- 2) Katrina
- 3) Invasive
- 4) Degradation
- 5) Diversion
- 8) Hurricane
- 9) Dredge
- 10) Subsidence
- 11) Silt
- 12) Canal
- 17) Ecology
- 19) Royalty
- 20) Salinity
- 21) Energy
- 22) Seafood
- 24) Hydrology
- 26) Intracoastal
- 30) Estuary