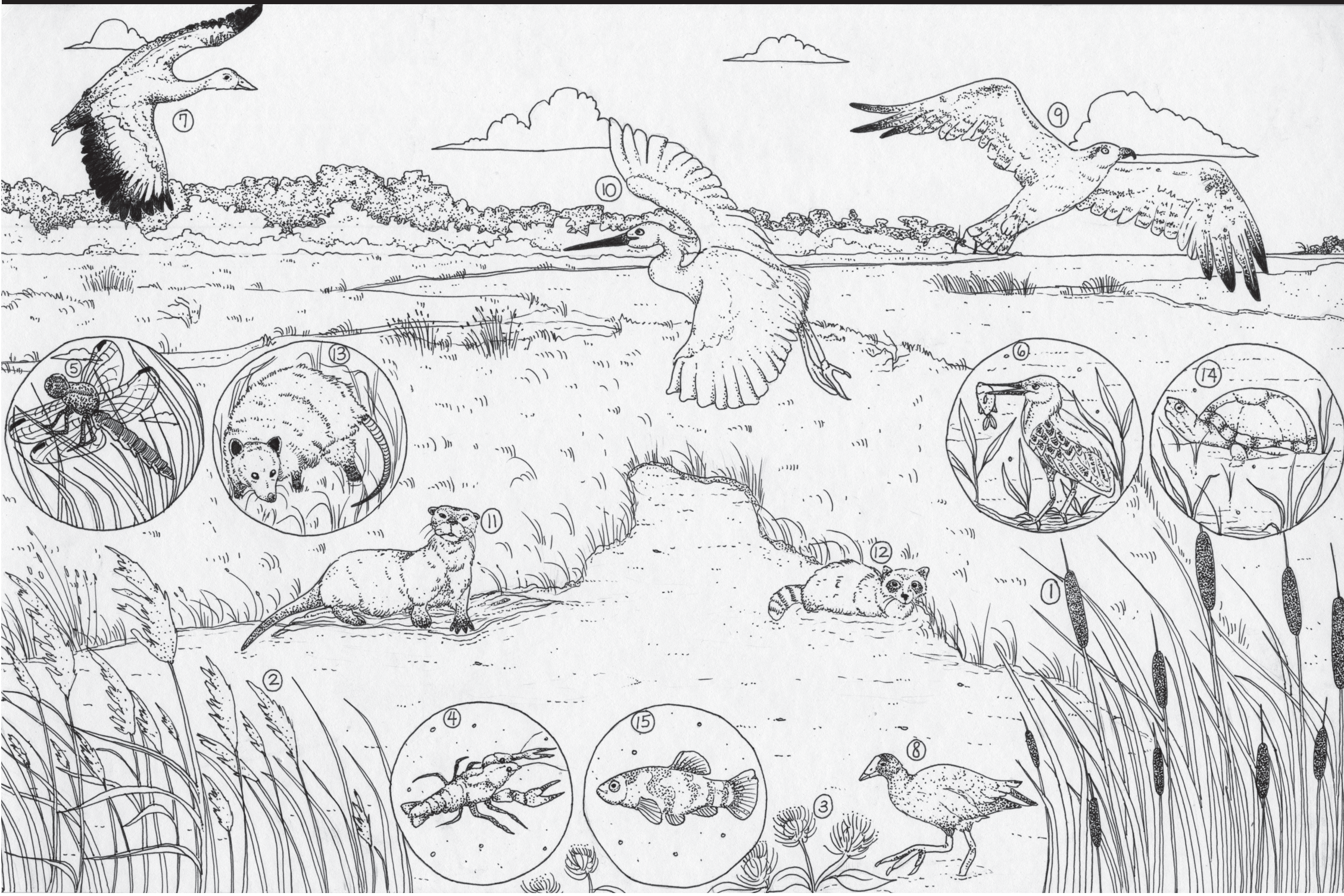


GULF COAST FRESHWATER MARSH



Freshwater Marsh	Summer	Fall	Winter	Spring
Flora	southern cattails <i>Typha domingensis</i> (1), reeds <i>Phragmites</i> (2), burdock <i>Arctium</i> (3), bulrush <i>Typha</i> , cordgrass <i>Spartina</i> , coastal plain pennywort <i>Hydrocotyle bonariensis</i> , sedges <i>Cyperaceae</i>	Freshwater marsh plants continue to flower	dormant	Water level rises and it is a big growing season for all flora
Invertebrates	red swamp crayfish <i>Procambarus clarkii</i> (4), mosquitos <i>Culicidae</i> , dragonflies <i>Anisoptera</i> (5)		dragonflies leave the region with the absence of mosquito larvae	mosquitos breed late spring and into the summer
Birds	White Ibis <i>Eudocimus albus</i> , Great Egrets <i>Ardea alba</i> , Green Herons <i>Butorides virescens</i> (6), Great Blue Herons <i>Ardea herodias</i> , Red-winged Blackbirds <i>Agelaius phoeniceus</i> , Black-bellied Whistling Ducks <i>Dendrocygna autumnalis</i> (7), Common Gallinule <i>Gallinula galeata</i> (8), Osprey <i>Pandion haliaetus</i> (9), Roseate Spoonbills <i>Platalea ajaja</i> .	Northern Shovelers <i>Spatula clypeata</i> , Greater Scaup <i>Aythya marila</i> , Belted Kingfishers <i>Megaceryle alcyon</i> , Killdeer <i>Charadrius vociferus</i> , American Widgeons <i>Mareca americana</i> , Ruby-throated Hummingbirds <i>Archilochus colubris</i> , Cattle Egret <i>Bubulcus ibis</i> , Snow Geese <i>Chen caerulescens</i> , Anhinga <i>Anhinga anhinga</i> .	Pied-billed Grebes <i>Podilymbus podiceps</i> , Snowy Egrets <i>Egretta thula</i> (10), Northern Pintails <i>Anas acuta</i> , Common Loons <i>Gavia immer</i> , Double-crested Cormorants <i>Phalacrocorax auritus</i> , Mottled Ducks <i>Anas fulvigula</i> , Blue-winged Teal <i>Anas discors</i> , Green-winged Teal <i>Anas carolinensis</i> , Northern Shovelers <i>Spatula clypeata</i> , Mallards <i>Anas platyrhynchos</i> .	Least Bittern <i>Ixobrychus exilis</i> , American Bittern <i>Botaurus lentiginosus</i> , Blue-winged Teal <i>Anas discors</i> , Gadwall <i>Mareca strepera</i> , American Coot <i>Fulica americana</i> , Little Blue Heron <i>Egretta caerulea</i> , Common Yellowthroat <i>Geothlypis trichas</i> , Swamp Sparrow <i>Melospiza georgiana</i> , Mottled Ducks <i>Anas fulvigula</i> .
Mammals	Nutria <i>Myocastor coypus</i> , North American River Otters <i>Lontra canadensis</i> (11), Raccoons <i>Procyon lotor</i> (12), Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opposums <i>Didelphis virginiana</i> (13), Striped Skunk <i>Mephitis mephitis</i>	Nutria <i>Myocastor coypus</i> , North American River Otters <i>Lontra canadensis</i> , Raccoons <i>Procyon lotor</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opposums <i>Didelphis virginiana</i> , Striped Skunk <i>Mephitis mephitis</i>	Nutria <i>Myocastor coypus</i> , North American River Otters <i>Lontra canadensis</i> , Raccoons <i>Procyon lotor</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opposums <i>Didelphis virginiana</i> , Striped Skunk <i>Mephitis mephitis</i>	Nutria <i>Myocastor coypus</i> , North American River Otters <i>Lontra canadensis</i> , Raccoons <i>Procyon lotor</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opposums <i>Didelphis virginiana</i> , Striped Skunk <i>Mephitis mephitis</i>
Amphibians and Reptiles	Red-Eared Sliders <i>Trachemys scripta elegans</i> , Mississippi Mud Turtles <i>Kinosternon subrubrum</i> (14), Common Snapping Turtles <i>Chelydra serpentina</i> , Coastal Plains Toads <i>Incilius nebulifer</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Green Treefrogs <i>Hyla cinerea</i> , Eastern Narrow-mouthed Toads <i>Gastrophryne carolinensis</i> , Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , Dekay's Brown Snakes <i>Storeria dekayi</i> , American Alligators <i>Alligator mississippiensis</i> .	Red-Eared Sliders <i>Trachemys scripta elegans</i> , Mississippi Mud Turtles <i>Kinosternon subrubrum</i> , Common Snapping Turtles <i>Chelydra serpentina</i> , Coastal Plains Toads <i>Incilius nebulifer</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Green Treefrogs <i>Hyla cinerea</i> , Eastern Narrow-mouthed Toads <i>Gastrophryne carolinensis</i> , Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , Dekay's Brown Snakes <i>Storeria dekayi</i> , American Alligators <i>Alligator mississippiensis</i> .	Most reptiles and amphibians will be absent from the freshwater marsh in colder months, but most turtles and some snakes will be observed basking in warmer days.	Red-Eared Sliders <i>Trachemys scripta elegans</i> , Mississippi Mud Turtles <i>Kinosternon subrubrum</i> , Common Snapping Turtles <i>Chelydra serpentina</i> , Coastal Plains Toads <i>Incilius nebulifer</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Green Treefrogs <i>Hyla cinerea</i> , Eastern Narrow-mouthed Toads <i>Gastrophryne carolinensis</i> , Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , Dekay's Brown Snakes <i>Storeria dekayi</i> , American Alligators <i>Alligator mississippiensis</i> .
Fish	sheepshead minnows <i>Cyprinodon variegatus variegatus</i> (15), Mosquitofish <i>Gambusia affinis</i>	early fall sheepshead minnows spawn	late winter sheepshead minnows spawn	



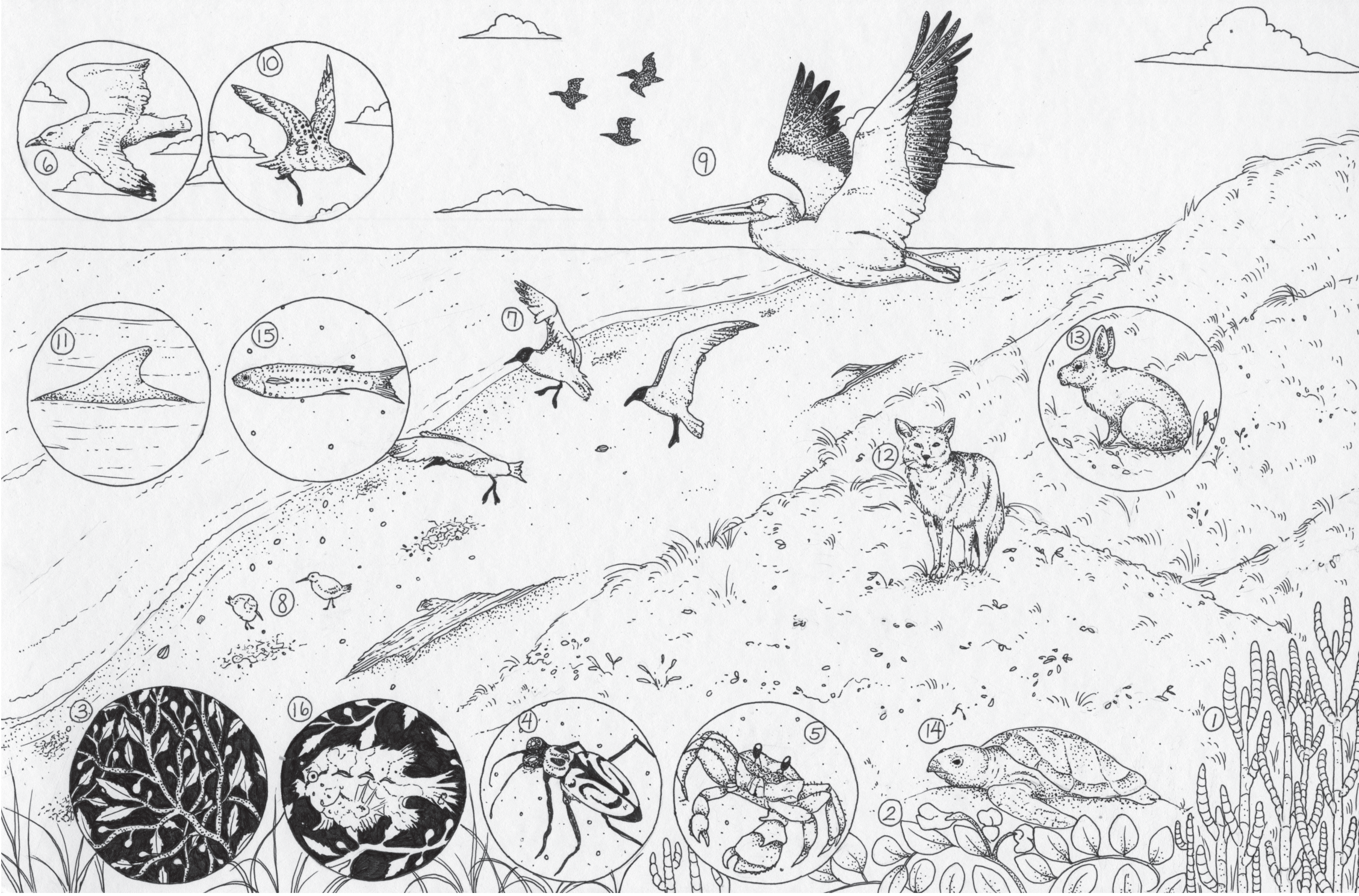
GULF COASTAL PRAIRIE



Coastal Prairie	Summer	Fall	Winter	Spring
Flora	green milkweed <i>Asclepias viridis</i> (1), Little bluestem <i>Schizachyrium scoparium</i> , Huisach <i>Vachellia farnesiana</i> , Fire wheel <i>Gaillardia pulchella</i> (2), Prairie Cone flower <i>Ratibida columnifera</i> (3), Seaside Goldenrod <i>Solidago sempervirens</i> , Indiangrass <i>Sorghastrum nutans</i> , Dollar wort <i>Centella asiatica</i> (4), Bushy blue stem <i>Andropogon glomeratus</i> (5) - plants continue to flower	green milkweed, Huisach, coreopsis, yellow stem, blue stem - plants drop seeds	green milkweed, Huisach, coreopsis, yellow stem, blue stem - plants go dormant	Coreopsis has a flowering explosion of new growth, and other plants flower, too
Invertebrates	fireants <i>Solenopsis invicta</i> , dragonflies <i>Anisoptera</i> (6)			
Birds	Northern Mockingbirds <i>Mimus polyglottos</i> , Great Blue Herons <i>Ardea herodias</i> , Great Egrets <i>Ardea alba</i> , Black Bellied Whistling Ducks <i>Dendrocygna autumnalis</i> , Redwinged Blackbirds <i>Agelaius phoeniceus</i> , Mourning Doves <i>Zenaida macroura</i> (7), Scissor-tailed Flycatchers <i>Tyrannus forficatus</i> (8), Eastern Kingbirds <i>Tyrannus tyrannus</i> , Barn Swallows <i>Hirundo rustica</i> , Common Nighthawks <i>Chordeiles minor</i> .	House Wrens <i>Troglodytes aedon</i> , Gray Catbirds <i>Dumetella carolinensis</i> , Redwinged Blackbirds <i>Agelaius phoeniceus</i> , Indigo Buntings <i>Passerina cyanea</i> (9), Northern Mockingbirds <i>Mimus polyglottos</i> , Loggerhead Shrikes <i>Lanius ludovicianus</i> , White Ibis <i>Eudocimus albus</i> , Yellow-rumped Warblers <i>Setophaga coronata</i> , Rose Breasted Grosbeaks <i>Pheucticus ludovicianus</i> , Great-tailed Grackles <i>Quiscalus mexicanus</i> .	Sandhill Cranes <i>Grus canadensis</i> (10), Savannah Sparrows <i>Passerculus sandwichensis</i> , White-tailed Kites <i>Elanus leucurus</i> , Northern Mockingbirds <i>Mimus polyglottos</i> , Great-tailed Grackles <i>Quiscalus mexicanus</i> , Northern Cardinals <i>Cardinalis cardinalis</i> , Ruby-crowned Kinglets <i>Regulus calendula</i> , Eastern Phoebe <i>Sayornis phoebe</i> , Great Horned Owls <i>Bubo virginianus</i> , Northern Harriers <i>Circus hudsonius</i> (11).	Ruby Throated Hummingbirds <i>Archilochus colubris</i> , Orchard Orioles <i>Icterus spurius</i> (12), Orange-crowned Warblers <i>Vermivora celata</i> (13), Rose-breasted Grosbeaks <i>Pheucticus ludovicianus</i> , Northern Cardinals <i>Cardinalis cardinalis</i> , Whimbrels <i>Numenius phaeopus</i> , Eastern Meadowlarks <i>Sturnella magna</i> (14), Common Grackles <i>Quiscalus quiscula</i> , Great-tailed Grackles <i>Quiscalus mexicanus</i> , Baltimore Orioles <i>Icterus galbula</i> .
Mammals	Nine-banded Armadillos <i>Dasyus novemcinctus</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> (15), Virginia Opossums <i>Didelphis virginiana</i> (16), Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> (17).	Nine-banded Armadillos <i>Dasyus novemcinctus</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> , Virginia Opossums <i>Didelphis virginiana</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> .	Nine-banded Armadillos <i>Dasyus novemcinctus</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> , Virginia Opossums <i>Didelphis virginiana</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> .	Nine-banded Armadillos <i>Dasyus novemcinctus</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> , Virginia Opossums <i>Didelphis virginiana</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> .
Amphibians and Reptiles	Western Diamondback Rattlesnakes <i>Crotalus atrox</i> (18), Northern Cottonmouths <i>Agkistrodon piscivorus</i> , Speckled Kingsnakes <i>Lampropeltis holbrooki</i> , Western Coachwhips <i>Masticophis flagellum testaceus</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , Coastal Plains Toads <i>Incilius nebulifer</i> , Green Treefrogs <i>Hyla cinerea</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Western Slender Glass Lizards <i>Ophisaurus attenuatus attenuatus</i> .	Western Diamondback Rattlesnakes <i>Crotalus atrox</i> , Northern Cottonmouths <i>Agkistrodon piscivorus</i> , Speckled Kingsnakes <i>Lampropeltis holbrooki</i> , Western Coachwhips <i>Masticophis flagellum testaceus</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , Coastal Plains Toads <i>Incilius nebulifer</i> , Green Treefrogs <i>Hyla cinerea</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Western Slender Glass Lizards <i>Ophisaurus attenuatus attenuatus</i> .	Most reptiles and amphibians will be absent from the Coastal Prairie in colder months, but some snakes will be observed basking in warmer days.	Western Diamondback Rattlesnakes <i>Crotalus atrox</i> , Northern Cottonmouths <i>Agkistrodon piscivorus</i> , Speckled Kingsnakes <i>Lampropeltis holbrooki</i> , Western Coachwhips <i>Masticophis flagellum testaceus</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , Coastal Plains Toads <i>Incilius nebulifer</i> , Green Treefrogs <i>Hyla cinerea</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Western Slender Glass Lizards <i>Ophisaurus attenuatus attenuatus</i> .



GULF COAST BEACH AND DUNES



Beach and Dunes (Chenires)	Summer	Fall	Winter	Spring
Flora	glasswort <i>Salicornia</i> (1), beach pea <i>Lathyrus japonicus</i> (2), salicornia <i>Salicornia</i> , sargassum <i>Sargassum</i> (3) arrives on beaches	dune and beach plants go to seed	dune and beach plants go dormant	rapid growth of dune plants-sargassum arrives on beaches
Invertebrates	beach tiger beetle <i>Cicindela dorsalis</i> (4), Atlantic ghost crab <i>Ocypode quadrata</i> (5), Piddocks <i>Pholadidae</i> , Gribbles <i>Limnoriidae</i> , Shipworms <i>Teredinidae</i> , blue crab zoea <i>Callinectes sapidus</i> are found on beach front.		Most small invertebrate species go dormant during the winter such as the Atlantic ghost crab <i>Ocypode quadrata</i>	
Birds	Herring Gulls <i>Larus argentatus</i> (6), Laughing Gulls <i>Leucophaeus atricilla</i> (7), Royal Terns <i>Thalasseus maximus</i> , Sanderlings <i>Calidris alba</i> (8), Least Sandpipers <i>Calidris minutilla</i> , Western Sandpipers <i>Calidris mauri</i> , Black-bellied Plovers <i>Pluvialis squatarola</i> , Marbled Godwits <i>Limosa fedoa</i> , Long-billed Curlews <i>Numenius americanus</i> , Brown Pelicans <i>Pelecanus occidentalis</i> (9).	Willetts <i>Tringa semipalmata</i> , Killdeer <i>Charadrius vociferus</i> , White Pelicans <i>Pelecanus erythrorhynchos</i> , Dunlin <i>Calidris alpina</i> , Laughing Gulls <i>Leucophaeus atricilla</i> , Red Knots <i>Calidris canutus</i> (10), Northern Mockingbirds <i>Mimus polyglottos</i> , Lesser Black-backed Gulls <i>Larus fuscus</i> , Black-bellied Plovers <i>Pluvialis squatarola</i> , Peregrine Falcons <i>Falco peregrinus</i> .	Reddish Egret <i>Egretta rufescens</i> , Double-crested Cormorant <i>Phalacrocorax auritus</i> , Red-breasted Mergansers <i>Mergus serrator</i> , Franklin's Gulls <i>Leucophaeus pipixcan</i> , Bonapartes Gulls <i>Chroicocephalus philadelphia</i> , Brown Pelicans <i>Pelecanus occidentalis</i> , Laughing Gulls <i>Leucophaeus atricilla</i> , Great Blue Herons <i>Ardea herodias</i> , Great Egrets <i>Ardea alba</i> , Great-tailed Grackles <i>Quiscalus mexicanus</i> .	White Ibis <i>Eudocimus albus</i> , Bonapartes Gull <i>Chroicocephalus philadelphia</i> , Reddish Egrets <i>Egretta rufescens</i> , Least Terns <i>Sternula antillarum</i> , Willetts <i>Tringa semipalmata</i> , American Avocets <i>Recurvirostra americana</i> , Least Sandpipers <i>Calidris minutilla</i> , Forster's Terns <i>Sterna forsteri</i> , Brown Pelicans <i>Pelecanus occidentalis</i> , American Oystercatchers <i>Haematopus palliatus</i> .
Mammals	Bottlenose Dolphins <i>Tursiops truncatus</i> (11), Coyotes <i>Canis latrans</i> (12), Raccoons <i>Procyon lotor</i> , Virginia Opposums <i>Didelphis virginiana</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> (13).	Bottlenose Dolphins <i>Tursiops truncatus</i> , Coyotes <i>Canis latrans</i> , Raccoons <i>Procyon lotor</i> , Virginia Opposums <i>Didelphis virginiana</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> .	Bottlenose Dolphins <i>Tursiops truncatus</i> , Coyotes <i>Canis latrans</i> , Raccoons <i>Procyon lotor</i> , Virginia Opposums <i>Didelphis virginiana</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> .	Bottlenose Dolphins <i>Tursiops truncatus</i> , Coyotes <i>Canis latrans</i> , Raccoons <i>Procyon lotor</i> , Virginia Opposums <i>Didelphis virginiana</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> , Swamp Cottontail Rabbits <i>Sylvilagus aquaticus</i> .
Amphibians and Reptiles	Kemp's Ridley Sea Turtles <i>Lepidochelys kempii</i> (14), Green Sea Turtles <i>Chelonia mydas</i> , Loggerhead Sea Turtles <i>Caretta caretta</i> , Texas Diamondback Terrapins <i>Malaclemys terrapin littoralis</i> , Western Diamondback Rattlesnakes <i>Crotalus atrox</i> , Speckled Kingsnakes <i>Lampropeltis holbrooki</i> , Ground Skinks <i>Scincella lateralis</i> , Western Coachwhips <i>Masticophis flagellum testaceus</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , American Alligators <i>Alligator mississippiensis</i> .	Texas Diamondback Terrapins <i>Malaclemys terrapin littoralis</i> , Western Diamondback Rattlesnakes <i>Crotalus atrox</i> , Speckled Kingsnakes <i>Lampropeltis holbrooki</i> , Ground Skinks <i>Scincella lateralis</i> , Western Coachwhips <i>Masticophis flagellum testaceus</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , American Alligators <i>Alligator mississippiensis</i> .	Most reptiles and amphibians are dormant or absent from the beach and dune habitats during winter months but some turtles and snakes may be seen basking on warmer days. Sea turtles may also be observed floating at the surface from cold shock when temperatures suddenly go from warm to very cold.	Texas Diamondback Terrapins <i>Malaclemys terrapin littoralis</i> , Western Diamondback Rattlesnakes <i>Crotalus atrox</i> , Speckled Kingsnakes <i>Lampropeltis holbrooki</i> , Ground Skinks <i>Scincella lateralis</i> , Western Coachwhips <i>Masticophis flagellum testaceus</i> , Squirrel Treefrogs <i>Hyla squirella</i> , Gulf Coast Ribbon Snakes <i>Thamnophis proximus orarius</i> , American Alligators <i>Alligator mississippiensis</i> .
Fish	mullet <i>Mugilidae</i> (15), whiting <i>Merlucciidae</i> , juvenile sharks, Piperfish, sargassum fish <i>Histrio histrio</i> (16) washes up with sargassum.			



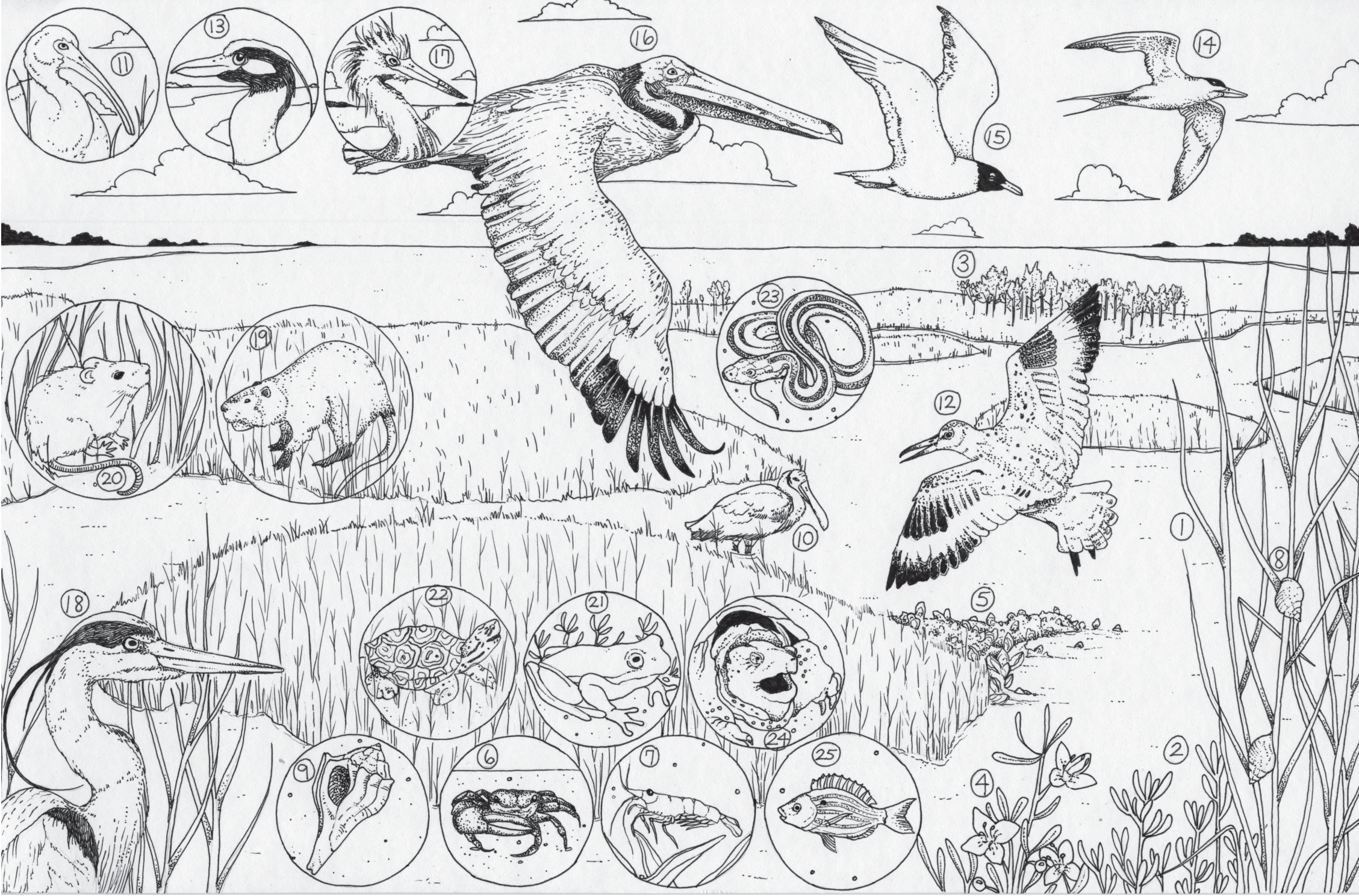
GULF COAST OAK MOTTE



Oak Motte/ Woodlots	Summer	Fall	Winter	Spring
Flora	hackberry <i>Celtis</i> and acorns ripen - live oak <i>Quercus virginiana</i> (1) and mulberry <i>Morus</i> (2)	hummingbird bush blooms (3), and birds drop seeds	dormant live oak remains green	new buds on trees
Invertebrates	red fire ants <i>Solenopsis invicta</i> (4) and butterflies <i>Rhopalocera</i>		monarchs roos (5) and other small insects inhabit leaves of live oaks	monarchs roos and other small insects inhabit leaves of live oaks
Birds	Northern Mockingbird <i>Mimus polyglottos</i> (6), Northern Crested <i>Caracara cheriway</i> , Coopers Hawk <i>Accipiter cooperii</i> , Northern Cardinal <i>Cardinalis cardinalis</i> (7), Yellow-billed Cuckoo <i>Coccyzus americanus</i> , Great-tailed Grackle <i>Quiscalus mexicanus</i> (8), Mourning Dove <i>Zenaida macroura</i> , White-winged Dove <i>Zenaida asiatica</i> , Turkey Vulture <i>Cathartes aura</i> , Eastern Kingbird <i>Tyrannus tyrannus</i> , Loggerhead shrikes <i>Lanius ludovicianus</i> , Yellow rumped warbler <i>Setophaga coronata</i>	Ruby-throated Hummingbird <i>Archilochus colubris</i> (9), Coopers Hawk <i>Accipiter cooperii</i> , Loggerhead Shrike <i>Lanius ludovicianus</i> , Western Kingbird <i>Tyrannus verticalis</i> , White-crowned Sparrow <i>Zonotrichia leucophrys</i> , Vermillion Flycatcher <i>Pyrocephalus obscurus</i> , Rose Breasted Grosbeak <i>Pheucticus ludovicianus</i> , Northern Cardinal <i>Cardinalis cardinalis</i> , Great-tailed Grackle <i>Quiscalus mexicanus</i> , Chipping Sparrow <i>Spizella passerina</i> , Great Horned Owl <i>Bubo virginianus</i> (10), Loggerhead shrikes <i>Lanius ludovicianus</i> , Yellow rumped warbler <i>Setophaga coronata</i>	Great-tailed Grackle <i>Quiscalus mexicanus</i> , Northern Mockingbird <i>Mimus polyglottos</i> , Northern Cardinal <i>Cardinalis cardinalis</i> , Great Horned Owl <i>Bubo virginianus</i> , White-crowned Sparrow <i>Zonotrichia leucophrys</i> , Chipping Sparrow <i>Spizella passerina</i> , Red-tailed Hawk <i>Buteo jamaicensis</i> , Barn Owl <i>Tyto alba</i> , White-tailed Kite <i>Elanus leucurus</i> , Loggerhead shrikes <i>Lanius ludovicianus</i> , Yellow rumped warbler <i>Setophaga coronata</i>	Red-winged Blackbird <i>Agelaius phoeniceus</i> , Ruby-throated Hummingbird <i>Archilochus colubris</i> , Eastern Kingbird <i>Tyrannus tyrannus</i> , Scissor-tailed Flycatcher <i>Tyrannus forficatus</i> , Northern Cardinal <i>Cardinalis cardinalis</i> , Northern Mockingbird <i>Mimus polyglottos</i> , Great-tailed Grackle <i>Quiscalus mexicanus</i> , Ruby-crowned Kinglet <i>Regulus calendula</i> , Great Crested Flycatcher <i>Myiarchus crinitus</i> , Orchard Oriole <i>Icterus spurius</i> , Loggerhead shrikes <i>Lanius ludovicianus</i> , Yellow rumped warbler <i>Setophaga coronata</i>
Mammals	Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opossum <i>Didelphis virginiana</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> (11), Nine Banded Armadillos <i>Dasyus novemcinctus</i> (12).	Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opossum <i>Didelphis virginiana</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> , Nine Banded Armadillos <i>Dasyus novemcinctus</i> .	Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opossum <i>Didelphis virginiana</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> , Nine Banded Armadillos <i>Dasyus novemcinctus</i> .	Hispid Cotton Rats <i>Sigmodon hispidus</i> , Virginia Opossum <i>Didelphis virginiana</i> , Raccoons <i>Procyon lotor</i> , Coyotes <i>Canis latrans</i> , Nine Banded Armadillos <i>Dasyus novemcinctus</i> .
Reptiles & Amphibians	Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Coastal Plains Toad <i>Incilius nebulifer</i> , Eastern Narrow Mouthed Toad <i>Gastrophryne carolinensis</i> , Gulf Coast Ribbon Snake <i>Thamnophis proximus orarius</i> , Speckled Kingsnake <i>Lampropeltis holbrooki</i> , Green Treefrog <i>Hyla cyanea</i> , Squirrel Treefrog <i>Hyla squirella</i> , Little Brown Skink <i>Scincella lateralis</i> , Common Five Lined Skink <i>Plestiodon fasciatus</i> (13), Six Lined Racerunner <i>Aspidoscelis sexlineata</i> , Green Anole <i>Anolis carolinensis</i> .	Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Coastal Plains Toad <i>Incilius nebulifer</i> , Eastern Narrow Mouthed Toad <i>Gastrophryne carolinensis</i> , Gulf Coast Ribbon Snake <i>Thamnophis proximus orarius</i> , Speckled Kingsnake <i>Lampropeltis holbrooki</i> , Green Treefrog <i>Hyla cyanea</i> , Squirrel Treefrog <i>Hyla squirella</i> , Little Brown Skink <i>Scincella lateralis</i> , Common Five Lined Skink <i>Plestiodon fasciatus</i> , Six Lined Racerunner <i>Aspidoscelis sexlineata</i> , Green Anole <i>Anolis carolinensis</i> .	Most reptiles and Amphibians are dormant during winter months but on warm days you may observe opportunistic basking by many of the species in this habitat.	Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Coastal Plains Toad <i>Incilius nebulifer</i> , Eastern Narrow Mouthed Toad <i>Gastrophryne carolinensis</i> , Gulf Coast Ribbon Snake <i>Thamnophis proximus orarius</i> , Speckled Kingsnake <i>Lampropeltis holbrooki</i> , Green Treefrog <i>Hyla cyanea</i> , Squirrel Treefrog <i>Hyla squirella</i> , Little Brown Skink <i>Scincella lateralis</i> , Common Five Lined Skink <i>Plestiodon fasciatus</i> , Six Lined Racerunner <i>Aspidoscelis sexlineata</i> , Green Anole <i>Anolis carolinensis</i> .



GULF COAST SALTWATER MARSHES



Saltwater marshes	Summer	Fall	Winter	Spring
Flora	saltmarsh cordgrass <i>Spartina alterniflora</i> (1), salt water grasses, salt wort <i>Batis maritima</i> (2), black mangrove <i>Avicennia germinans</i> (3), Carolina wolfberry <i>Lycium carolinianum</i> (4) is flowering.	continues to flower and seed, carolina wolfberry ripen	Most plant species dormant, carolina wolfberry ripe	big growing season for saltwater marshes
Invertebrates	Spawning season for American oyster <i>Crassostrea virginica</i> (5), fiddler crab <i>Uca rapax</i> (6), and Atlantic Blue crab <i>Callinectes sapidus</i> , Grass shrimp <i>Palaemonetes</i> (7), periwinkle snails <i>Littorina littorea</i> (8), Lightning whelk <i>Busycon perversum</i> (9), Brown shrimp <i>Crangon crangon</i> .	Grass shrimp	Grass shrimp	Spawning season for American oyster, Blue crab, and Lightning whelk. Grass shrimp, Brown shrimp.
Birds	Black-necked Stilts <i>Himantopus mexicanus</i> , Roseate Spoonbills <i>Platalea ajaja</i> (10), White Ibis <i>Eudocimus albus</i> (11), Greater Yellowlegs <i>Tringa melanoleuca</i> , Lesser Yellowlegs <i>Tringa flavipes</i> , Willet <i>Tringa semipalmata</i> (12), Yellow Crowned Night Heron <i>Nyctanassa violacea</i> (13), Black Crowned Night Herons <i>Nycticorax nycticorax</i> , Royal Tern <i>Thalasseus maximus</i> (14), Laughing Gulls <i>Leucophaeus atricilla</i> (15), Brown Pelican <i>Pelecanus occidentalis</i> (16).	Osprey <i>Pandion haliaetus</i> , Herring Gulls <i>Larus argentatus</i> , Willets <i>Tringa semipalmata</i> , Eastern Meadowlarks <i>Sturnella magna</i> , Seaside Sparrows <i>Ammodramus maritimus</i> , Common Nighthawk <i>Chordeiles minor</i> , Dunlin <i>Calidris alpina</i> , Red-winged Blackbirds <i>Agelaius phoeniceus</i> , Savannah Sparrows <i>Passerculus sandwichensis</i> , Laughing Gulls <i>Leucophaeus atricilla</i> .	White Ibis <i>Eudocimus albus</i> , Mottled Ducks <i>Anas fulvigula</i> , Reddish Egret <i>Egretta rufescens</i> (17), Laughing Gulls <i>Leucophaeus atricilla</i> , Great Blue Heron <i>Ardea herodias</i> (18), Great Egret <i>Ardea alba</i> , Snowy Egret <i>Egretta thula</i> , Roseate Spoonbill <i>Platalea ajaja</i> , Blue-winged Teal <i>Anas discors</i> , Gadwall <i>Mareca strepera</i> .	White Ibis <i>Eudocimus albus</i> , Mottled Ducks <i>Anas fulvigula</i> , Reddish Egret <i>Egretta rufescens</i> , Red Winged Blackbird <i>Agelaius phoeniceus</i> , Gull-billed Tern <i>Gelochelidon nilotica</i> , Royal Tern <i>Thalasseus maximus</i> , Yellow-crowned Night Heron <i>Nyctanassa violacea</i> , Caspian Tern <i>Hydroprogne caspia</i> , Western Sandpiper <i>Calidris mauri</i> , Least Sandpiper <i>Calidris minutilla</i> .
Mammals	Nutria <i>Myocastor coypus</i> (19), Raccoons <i>Procyon lotor</i> , North American River Otters <i>Lontra canadensis</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> (20).	Nutria <i>Myocastor coypus</i> , Raccoons <i>Procyon lotor</i> , North American River Otters <i>Lontra canadensis</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> .	Nutria <i>Myocastor coypus</i> , Raccoons <i>Procyon lotor</i> , North American River Otters <i>Lontra canadensis</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> .	Nutria <i>Myocastor coypus</i> , Raccoons <i>Procyon lotor</i> , North American River Otters <i>Lontra canadensis</i> , Coyotes <i>Canis latrans</i> , Hispid Cotton Rats <i>Sigmodon hispidus</i> .
Reptiles & Amphibians	Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Western Diamondback Rattlesnake <i>Crotalus atrox</i> , Squirrel Treefrog <i>Hyla squirella</i> , Green Treefrog <i>Hyla cinerea</i> (21), Texas Diamondback Terrapin <i>Malaclemys terrapin littoralis</i> (22), American Alligator <i>Alligator mississippiensis</i> , Gulf Coast Ribbonsnake <i>Thamnophis proximus orarius</i> , Gulf Saltmarsh Snake <i>Nerodia clarkii clarkii</i> (23), Common Snapping Turtle <i>Chelydra serpentina</i> (24).	Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Western Diamondback Rattlesnake <i>Crotalus atrox</i> , Squirrel Treefrog <i>Hyla squirella</i> , Green Treefrog <i>Hyla cinerea</i> , Texas Diamondback Terrapin <i>Malaclemys terrapin littoralis</i> , American Alligator <i>Alligator mississippiensis</i> , Gulf Coast Ribbonsnake <i>Thamnophis proximus orarius</i> , Gulf Saltmarsh Snake <i>Nerodia clarkii clarkii</i> , Common Snapping Turtle <i>Chelydra serpentina</i> .	Most reptiles and amphibians are dormant during winter months in a saltmarsh but turtles and snakes may be seen basking opportunistically on warm days.	Northern Cottonmouth <i>Agkistrodon piscivorus</i> , Western Diamondback Rattlesnake <i>Crotalus atrox</i> , Squirrel Treefrog <i>Hyla squirella</i> , Green Treefrog <i>Hyla cinerea</i> , Texas Diamondback Terrapin <i>Malaclemys terrapin littoralis</i> , American Alligator <i>Alligator mississippiensis</i> , Gulf Coast Ribbonsnake <i>Thamnophis proximus orarius</i> , Gulf Saltmarsh Snake <i>Nerodia clarkii clarkii</i> , Common Snapping Turtle <i>Chelydra serpentina</i> .
Fish	Pinfish <i>Lagodon rhomboides</i> (25), Striped mullet <i>Mugil cephalus</i> , mosquito fish <i>Gambusia affinis</i> , Atlantic croaker <i>Micropogonias undulatus</i> .	Pinfish, striped mullet, Atlantic croaker spawning season.	Pinfish, striped mullet spawning season	

