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             "Joint House-Senate Colloquium to Discuss a National Policy for the
                Environment," 1-69, p. 10.
             "Wild Sanctuaries," 1-69, p. 10.
             "Quick Guide to Rocks and Minerals," 1-69, p. 11.
             "From Sea to Shining Sea," 2-69, p. 10.
             "A Conservation Saga," 2-69, p. 10.
             "Gurney's Guide to Feathered Friends," 2-69, p. 11.
             "My Beaver Colony," 3-69, p. 11.
             "A Place in the Sun," 3-69, p. 11.
             "Clean Air--Sparkling Water," 4-69, p. 10.
             "So Human an Animal," 4-69, p. 10.
             "Finding Birds in Mexico," 4-69, p. 10.
             "The Magic of Walking," 5-69, p. 10.
             "The Big Bend Country of Texas," 5-69, p. 10.
             "How Come It's Called That?" 5-69, p. 10.
             "Four Seasons in the Woods," 6-69, p. 18.
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"Guns Illustrated," 6-69, p. 18.

"A Vanishing Thunder," 6-69, p. 18. "Nobody Loves a Cockroach," 6-69, p. 18. "Our Amazing World of Nature," 6-69, p. 18. "Birger's Birds," 6-69, p. 19. "The Last Landscape," 7-69, p. 10. "Wild Refuge," 7-69, p. 10. "America the Raped," by 7-69, p. 10. "The World of the Ant," 8-69, p. 10. "Animals in Danger," 8-69, p. 10. "King Gator," 8-69, p. 10. "Mulberry Trout," 8-69, p. 11. "America's Camping Book," 9-69, p. 10. "Monarch of Deadman Day," 9-69, p. 10. "Understanding Ecology," 9-69, p. 10. "Jerry Finds Spiders," 9-69, p. 10. "Texas Public Campground Guide," 11-69, p. 10. "The Way Birds Live," 11-69, p. 10. "The Stars," 11-69, p. 10. "Green," 12-69, p. 10. "The Way Birds Live," 12-69, p. 10. "Gun Digest," 12-69, p. 11 "The Hunter's Bible," 12-69, p. 11. "Outdoor Notebook," by Nancy McGowan, Inside Front Cover series featuring the following: Painted Bunting--6-69. Red Snapper--7-69. Poison Ivy--8-69. Wease1--9-69. Phainopeplas--10-69. Ebony--11-69. Cedar Waxwings--12-69. PAINTED BUNTING: "Outdoor Notebook," by Nancy McGowan, 6-69, Inside Front Cover. PALMETTO STATE SCENIC PARK: "Subtropical Remnant," 5-69, p. 24. "Parade of Color," 4-69, p. 24. "Wildlife Diseases Dangerous to Man," by R. G. Marburger, 5-69, p. 12. PARASITES: "Deer Parasites," by R. M. Robinson and R. G. Marburger, 11-69, p. 24. PARKS, STATE: Bentsen-Rio Grande--"Birder's Paradise," by L. D. Nuckles, 4-69, p. 6. Brazos Island--"On the Tip of Texas," 2-69, p. 6. Dinosaur Valley -- "Dinosaur Tracks," by Neal Cook, 1-69, p. 2. Fort Griffin--"Fort Griffin," by Mabel Lowry, 3-69, p. 6. Garner--"Garner State Recreation Park," by Neal Cook, 9-69, p. 24. Goliad -- "A Link to the Past," by L. D. Nuckles, 6-69, p. 6. Inks Lake -- "Highland Lakes Headquarters," by Neal Cook, 8-69, p. 2. Lockhart -- "All-purpose Park," by Neal Cook, 7-69, p. 20. Mission Tejas--"Mission San Francisco de Los Tejas," by Neal Cook, 11-69, p. 12. Mother Neff-- "Mother Neff State Recreation Park," by Neal Cook, 12-69, p. 24. Palmetto--"Subtropical Remnant," 5-69, p. 24.

"Our Endangered Earth," by Joe T. Stevens, 1-69, p. 6. PESTICIDES: "Can Nature Survive Man's Presence?" by Ray Childress, 10-69, p. 16. "Outdoor Notebook," by Nancy McGowan, 10-69, Inside Front Cover. PHAINOPEPLAS: "Outdoor Notebook," by Nancy McGowan, 8-69, Inside Front Cover. POISON IVY: "Our Endangered Earth," by Joe T. Stevens, 1-69, p. 6. POLLUTION: "The Fate of a Bay," by Terrance R. Leary and Kenneth C. Jurgens, 4-69, p. 2. "Keep It Fit to Support Life," by Kenneth C. Jurgens, 10-69, p. 2. "Can Nature Survive Man's Presence?" by Ray Childress, 10-69, p. 16. "Bristle Pig," by John W. Shane, 10-69, p. 24. PORCUPINE: "A Portfolio of Coastal Birds," 7-69, p. 6. PORTUGESE MAN-OF-WAR: "Use Caution on the Coast," by Tom Heffernan, 7-69, p. 16. "Probing the Gulf Floor," by Henry W. Compton, 5-69, p. 2. "Droughts and Fences Restrict Pronghorns," by Tommy Hailey and Richard PRONGHORNS: DeArment, 8-69, p. 6. PROTECTED AND UNPROTECTED BIRDS: "What Not to Potshot," by Suzanne Winckler, 2-69, p. 2. "Prowling Marsupial," by Hill Lawrence, 8-69, p. 20. QUAIL: "The Truth About Quail," by Horace Gore, 6-69, p. 2. RABIES: "Wildlife Diseases Dangerous to Man," by R. G. Marburger, 5-69, p. 12. RADIO TELEMETRY: "Electronic Tracking Finds Deer Haunts," by Jack M. Inglis, 9-69, p. 2. RAYS: "Use Caution on the Coast," by Tom Heffernan, 7-69, p. 16. Jelly--"A Taste of the Wild," by Suzanne Winckler, 4-69, p. 16. **RECIPES:** Seviche--"Outdoor Notebook," by Nancy McGowan, 7-69, Inside Front Cover. RED FOX: "Crafty Import," by Joe T. Stevens, 12-69, p. 20. RED SNAPPER: "Outdoor Notebook," by Nancy McGowan, 7-69, Inside Front Cover. RED-COCKADED WOODPECKER: "Destined for Oblivion," by Daniel W. Lay, 2-69, p. 13. REDFISH: "Big Red," by Ernest G. Simmons, 1-69, p. 24. REEFS: "Signs of Good Fishing," by James Stevens, 1-69, p. 26. REGULATIONS: Boating--"Water Sports Demand Safety," by Neal Cook, 4-69, p. 12. Fishing--"Keeping Within the Limits," by Charles E. Gray, 8-69, p. 24. Hunting--"What Not to Potshot," by Suzanne Winckler, 2-69, p. 2. "Waterfowl on the Wing," artwork by Nancy McGowan, 11-69 p. 16. REPTILE: Alligator -- "Junior Sportsmen," by Suzanne Winckler, 12-69, p. 28. Turtles--(box) "Gentle Hermit," by Clarence Beezley, 4-69, p. 20. (snapping) "Muddy Monarch," by Joe E. Toole, 6-69, p. 20. RINGTAIL: "My Name is Tutor," 2-69, p. 24. ROADRUNNER: "Speedy Cuckoo," by Joe T. Stevens, 3-69, p. 20. Robinson, R. M., "Deer Parasites," co-author R. G. Marburger, 11-69, p. 24. "The Mystery of Antler Development," co-author R. G. Marburger, 12-69, p. 12. Rutledge, W. P., "Tagged for Growth," 3-69, p. 16.

SAFETY, WATER: "Water Sports Demand Safety," by Neal Cook, 4-69, p. 12.

SEA SHELLS: "Gifts of the Surf," by Patti Swain, 12-69, p. 6. SEAFOOD RECIPES: "Ideal Diets Include Seafood," by Henrietta Gossett, 9-69, p. 16. Seward, Lewis B. "The Texas Water Plan," 8-69, p. 16. Shane, John W., "Bristle Pig," 10-69, p. 24. SHRIMP: "Net Your Own Shrimp," by Larry Elam and Roy Johnson, 9-69, p. 12. "Shrimp Farming," by A. W. Moffett, 12-69, p. 2. "Signs of Good Fishing," by James Stevens, 1-69, p. 26. Simmons, Ernest G., "Big Red," 1-69, p. 24. "Beulah's Silver Lining," 3-69, p. 12. SNAPPER, RED: "Outdoor Notebook," by Nancy McGowan, 7-69, Inside Front Cover. SNAPPING TURTLES: "Muddy Monarch," by Joe E. Toole, 6-69, p. 20. "Speedy Cuckoo," by Joe T. Stevens, 3-69, p. 20. SPIDER WEBS: "Junior Sportsmen," by Suzanne Winckler, 7-69, p. 29. SPORT SHRIMPING: "Net Your Own Shrimp," by Larry Elam and Roy Johnson, 9-69, p. 12. SPORTSMANSHIP: "Junior Sportsmen," by W. R. Long, 1-69, p. 29. STATE GAME BIRD FARM: "Avian Imports," by Joe B. Davidson, 2-69, p. 26. STATE PARKS: Bentsen-Rio Grande--"Birder's Paradise," by L. D. Nuckles, 4-69, p. 6. Brazos Island--"On the Tip of Texas," 2-69, p. 6. Dinosaur Valley--"Dinosaur Tracks," by Neal Cook, 1-69, p. 2. Fort Griffin--"Fort Griffin," by Mabel Lowry, 3-69, p. 6. Garner--"Garner State Recreation Park," by Neal Cook, 9-69, p. 24. Goliad--"A Link to the Past," by L. D. Nuckles, 6-69, p. 6. Inks Lake -- "Highland Lakes Headquarters," by Neal Cook, 8-69, p. 2. Lockhart--"All-purpose Park," by Neal Cook, 7-69, p. 20. Mission Tejas--"Mission San Francisco de Los Tejas," by Neal Cook, 11-69, p. 12. Mother Neff-- "Mother Neff State Recreation Park," by Neal Cook, 12-69, p. 24. Palmetto--"Subtropical Remnant," 5-69, p. 24. Stevens, James, "Signs of Good Fishing," 1-69, p. 26. Stevens, Joe T., "Our Endangered Earth," 1-69, p. 6. "Speedy Cuckoo," 3-69, p. 20. "Crafty Import," 12-69, p. 20. STING RAYS: "Use Caution on the Coast," by Tom Heffernan, 7-69, p. 16. Birds--"Avian Imports," by Joe B. Davidson, 2-69, p. 26. STOCKING: Fish--"Walleye Transplants," by W. R. Long, 5-69, p. 16. "Subtropical Remnant," 5-69, p. 24. Suhrstedt, John, Evening Primrose, photo, 2-69, Inside Back Cover. Tern, photo, 2-69, Back Cover. Grasshopper, photo, 3-69, Back Cover. Western Gulf, photo, 5-69, Back Cover. Snake, photo, 6-69, Front Cover. False Dandelion, photo, 6-69, Back Cover. Black Widow and Young, photo, 7-69, Back Cover. Red-cockaded Woodpecker, photo, 8-69, Front Cover. Alligator, photo, 9-69, Front Cover. Pollution (dead bird), photo, 10-69, Front Cover. Mexican Green Violet-ear Hummingbird, photo, 11-69, Inside Back Cover. Sea Shells, photo, 12-69, Inside Back Cover.

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