

Fiche # 1, 2, 3, 4, 5 -- Gene Daniels -- 0023

Kings Canyon, Sequoia Nat'l Park, Los Angeles, San Diego, Harbors, forest pesticides. Subjects include: Pesticide can disposal, grape vine dusting with sulphur, oil waste, grape spraying with pesticides, sulphur plant, sanitary land fill, air pollution monitoring, water pollution monitoring, water pollution, Sierra Nat'l Forest trees, foreign automobiles being unloaded, automobile junk yard, flower seed production, jet fumes, natural beauties of rivers and forest. Emission testing, bio-control experiment on cryptolaemus lady bugs, logging in the Big Creek Gulf.

Fiche #'s 6, 7, 8, 9, 10, 11, -- Tomas Sennett -- 0025

Siskiyou Nat'l Forest, Bodega Bay, Northern Calif. Coast, forest, towns and beaches. Subjects include: Humbolt coast, organic farm, restored old town, clear cutting in the forest, logging trucks, Bodega Bay area slated for housing, Moonstone Beach, Calif., Western Railroad, lumber stacks, lumbermills, deer, moose, furry caterpillar, horses and wildflowers in Northern Calif. Sewage treatment plants, air pollution, wood chip burners. Rocks and driftwood on beaches, smelt fishermen, Klamath River.

Fiche #'s 11, 12, 13, 14, 15, 16, 17 -- Dick Rowan -- 0024

Calif. coast south of San Francisco, scenic environment Santa Cruz to Big Sur. Subjects include: Ghost town in Bodie state Historical Park, rainbow, beach sunsets, Monterey Bay, Big Sur coast area, Hopkins Marine Institute, Point Lobos Reserve, dune buggy, wild flowers, Sierra Club hikes, Scout-O-Rama, Garrapata Beach, birds, seals, lion, monkey. Zumbrowski State Beach, Carmel Highlands, backpacking and hiking, Natural Arches Beach State Park, conservationist, Mammoth Cave.

Fiche #'s 18, 19 -- Belinda Rain -- 0027

Lake Tahoe, Calif./Nevada, Subjects include: siltation of lake, recreation, pollution control. Lake Tahoe State Park fishing, scum on and in the lake, water treatment plant, new homes on the lake front, boating on the lake, construction sites around the lake, litter strewn on the shore, flowers, Truckee River.

Fiche #'s 20, 21, 22, 23 -- Bill Gillette -- 0032

Western Colorado, San Miguel River, Cripple Creek, Union Carbide Uranium mill, Rifle, Colo. Subjects include: stripmining, land development, junked automobiles, uranium mill, cement plant, water pollution, calf branding, childrens workshop, glass recycling, uranium miners, bicycling, motorcycling, experimental wind tunnel, settling pond, ranch scenes, sewage treatment plants, iron oxide pollution, landfill, migrant workers.

Fiche #'s 24, 25 -- Bill Strode -- 0002, Jim Olive -- 0014

Louisville, Ky., Houston, Tex., the Ohio River Subjects include: trash littered roads, cholorine barge disaster, thermal pollution research, oil tanker burning, students on ecological project, environmental awards dinner, P.H. Robinson generating plant, boating on the Ohio River, paddle wheel steamboat, pool hall.

Fiche #'s 25, 26, 27 -- Cornelius Keyes -- 0030

Phoenix, Ariz., Tucson, Ariz., Bisbee, Ariz., Mining and refining Subjects include: waste runoffs, aerial views of mining and smelting, refining at a copper company, Lake Pleasant, Recreation, dust storms, dust devils, leaching tank, cornfield, Superstition Mountains, trash retrieval methods, tailing piles, Caeser Chavez, old mining town, Anaconda Co.s Twin Buttes Mines, Phelps Dodge Corps Lavender Pit mine.

Fiche #'s 27, 28, 29, 30, 31, 32, 33 -- Terry Eiler -- 0021, Lyntha Scott Eiler -- 0022, Bill Reaves -- 0016

Northern Arizona, Lake Powell, Havasu Falls, Lake Travis Subjects include: strip mining, "Navajo Mine" Glen Canyon Dam, Four Corners generating plant, dragline stipmining, archaeological excavations, hikers, Navajo people at work, dust storm, bathers at Havasu Falls, Navajo children, Navajo home, New Navajo Community. Trailer park, housing at Lake Travis, flooding from the Guadalupe River.

Fiche #'s 29, 30 -- John Messina -- 0015

New Orleans area, Lake Ponchatrain, Mississippi River Subjects include: Marsh drainings, shrimp boat, polluted Lake Ponchatrain, crab harvesting, fishermans family, swimming in the Mississippi River, dredging, vegetable stand, polluted swimming area, life-styles.

Fiche #'s 34, 35, 36, 37 -- Fred Ward -- 0005

Everglades, Fla., Miami, Fla., Marco Island, Fla.

Subjects include: birds, Tamiami Canal and Trail, nuclear plant, oil rig, Auhinga Trail, ranger station, vegetable farming, wild flowers, housing development, flood damage, butterflies, trails park, litter, water levels.

Fiche #'s 37, 38 -- Belinda Rain -- 0027

San Francisco bay area Subjects include: sailboats, final stage sewage, sunsets, Leslie salt ponds, water pollution, smoke clouds, rail yards, recreational use, beauty.

Fiche #'s 38, 39 -- Bruce McAllister -- 0029

Denver, Colorado, Salt Lake, Utah, Platte River
Subjects include: water pollution, steel mill, environmental education, sewage discharge, railroad causeway, small mining operation, open-cut copper mine, open dump, housing development, junk yard.

Fiche #'s 40, 41 -- Boyd Norton -- 0031

Uncompaghre National Forest, Rocky Mountain Park, Great Sand Dunes, Mesa Verde, Bryce Canyon. Subjects include: birds, flowers, mountain streams, Aspen forest, mountain ranges, windmill motorcyclists, vacationers, ranch scenes, Gorge of Escalante River, Indian Ruins, automobile junk yard, rock formation at Arches National Monument, Utah.

Fiche #'s 42, 43, 44, 45, 46, 47 -- Gene Daniels -- 0056

Washington/Oregon coast line
Subjects include: fishing, air pollution, water pollution, scenic beauty, farmland, trojan Nuclear Plant, sturgeon fishing, Tacoma, Wash. skyline, pulp mill stacks, forestry, oyster beds, archaeological dig, salmon bake, ship wrecking yards and lifestyles.

Fiche # 48 -- Danny Lyon -- 0012

El Paso, Texas
Subjects include: Chicano teenagers, adobe structures, Smelter Cemetary, Second Ward (a Chicano neighborhood), Rio Grande Valley, Albuquerque speedway, Asarco smelter works, church built of adobe, Second Ward urban renewal and lifestyles.

Fiche #'s 49, 50, 51 -- LeRoy Woodson -- 0008

Birmingham, Alabama
Subjects include: sixth Avenue Baptist Church, primary election day, polluted streams, U.S. Steel plant, U.S. Pipe plant, air pollution, corrosion from pollution, black lung victims, breathing with oxygen machines, red-orange color of pollution, smoke from steel plant chimneys, State Fair, ferris wheel, stuffed animals,

back lung X-Rays, damaged lungs. GASP (Greater Alliance to Stop Pollution) fights to stop air pollution, litter on the streets, "Little Korea," a blight area, prisoners from the Jefferson County Jail.

Fiche #'s 52, 53, 54, 55, 56 -- David Hiser -- 0028

Utah Canyonlands National Park, Arches National Park, Moab area, San Juan River near Lake Powell

Subjects include: Wilderness beauty, back packing, park vandalism, off road vehicle damage, pollution problems and land use at Moab, oil spill in the San Juan River. Chipmunks, lizard, desert cottontail, Gopher snake, campsites, fossils, pictograph, potash settling ponds, Prickly Pear Cactus Blossoms, Sunflower, Locoweed, Narrow Leaf Yucca, Fishhook Cactus Blossom, Pasque cliff roses, Cryptogram community. River trip down the Colorado, Moab city dump, salt dome, The Maze in Canyonlands National Park.

Fiche #'s 56, 57 -- Blair Pittman -- 0013

Houston, Galveston, Odessa, Texas, near Big Bend National Park

Subjects include: Old adobe house and other buildings near Terlingua. Eroded land from an oil spill, offshore oil wells, industrial structures, cooling towers and settling tanks, Galveston Bay, wild Daisies, windmill in the sunset, junkyard, beach scenes, buildings in Houston, Gorman Falls, Mule deer.

Fiche #58 -- This is a "catchup fiche" with additional images by photographers on Fiche #'s 29, 30, 37, 38, 39.

Subjects include: Lumber mill, Calif.; Armco Steel, Texas; Chattahoochee River, Atlanta, Ga.; Truckee River, Calif.; LIMTV (Linear Induction Motor Test Vehicle), Bayou Gauche near New Orleans, La.

Fiche #'s 59, 60 -- John Messina -- 0015

(Continuation of assignment from Fiche #'s 29, 30)

New Orleans, Louisiana area

Subjects include: Natural gas installation, dredging, family lifestyles, marshland wildlife, aluminum plant, pipelines, bonfires, oil spill, sandblasting, noise pollution ear muffs, industrial pollution.

Fiche #'s 61, 62, 63 -- Marc St Gil -- 0018

Southwest Texas

Subjects include: Wild deer, buffalo, industrial pollution, water pollution, holding pond, deer hunting, Calcasieu River life, schoolhouse from 1879, junkyard, oil derricks in cemetery, ammunition plant, Leakey Texas lifestyles, Garner State Park.

Fiche #'s 63, 64, 65 -- Bill Shrout -- 0010

Alabama Gulf Coast

Subjects include: Sanitary landfill, junkyard, car shredder, reinforcement rods for highways made from autos, EPA Gulf Breeze Laboratory, testing of cells from estuarine and marine animals exposed to pesticides, various scenes of testing procedures.

Fiche #'s 65, 66 -- John Vachon -- 0042

Puerto Rico

Subjects include: Shanties, modern buildings, air pollution, power plant, mountain farming area, industrial buildings, sugar refinery, housing developments, solid waste pollution.

Fiche #'s 66, 67, 68, 69 -- Declan Haun -- 0077

Columbus, Indiana

Subjects include: School construction, housing, Franklin Square restoration, Mabel McDowell elementary school, Columbus East Senior High School, North Cristian Church, city planning, man-made aesthetics, architecture, greenhouse in a bank, Cummins Engine Co., Rogers Memorial Library, children in swings.

Fiche #'s 69, 70, 71 -- Yoichi Okamoto -- 0074

Washington, D.C.

Subjects include: Heavy traffic on bridges from Virginia, traffic around Washington monuments during the rush hour, bus commuters waiting in line, special bus lanes, police activities, passenger shelter while waiting for bus, traffic helicopter, railroad yards from the helicopter, parking areas, major automobile arteries leading into Washington from Maryland and Virginia, traffic problems, congestion and noise.

Fiche #'s 72, 73, 74, 75 -- Cornelius Keyes -- 0030
James Pickerel -- 0050

Phoenix, Arizona; Globe, Arizona; Baltimore & Annapolis, Md. water fronts.

Subjects include: smog, smoke from copper smelters, suburban development, landfill operation, oil spill near Baltimore, water sampling, ship launch, municipal sewage treatment plant, unloading cargo at the Baltimore Harbor docks, fishkill, junkyard, tourist, U.S.S. Constitution, steel plant, boat repair, trash in the harbor, bridges, water recreation, water pollution from paint, algae on the water, pleasure boating.

Fiche #'s 76, 77 -- Paul Conklin -- 0047

Charleston & Beaufort, South Carolina; Brunswick, Georgia; John's, Simons's and Hilton Head Islands, South Carolina.

Subjects include: shrimp boats, land use development, litter, land erosion, industrial waste, ocean resorts, farming corn, poverty, construction, Memorial Day Parade, Blufton Oyster Co-op.

Fiche #'s 76, 77, 78, 79 -- Paul Sequeira -- 0075

Chicago, Illinois; Lower Lake Michigan

Subjects include: lakeside erosion, flooding, housing construction storm damage, park and water recreation, steel mills, Calumet River, water and air pollution, coal delivery, Chicago rooftops, dredge barges, violent waves hitting the lake shore, Ludington Power Plant, Bass Lake near Muskegon, Michigan, military helping to fight erosion, Lincoln Park.

Fiche #'s 80, 81, 82, 83 -- Charles O'Rear -- 0095

Southwest Nebraska, Lincoln; Las Vegas, Nevada; Terminal Island, Calif.

Subjects include: Square dance festival, city & rural lifestyles, sailing, farm scenes, annual springtime football game, auction near Hickman, lamb sale at county fairgrounds, small community lifestyles, meeting of the Seward Kiwanis Club, farmers dealing with twice the normal rainfall, business district of Lincoln. Whole body counter at Research Center. Mazdas waiting for shipment from docks.

Fiche # 83 -- Mike Lien -- 0099

Annapolis water front and Chesapeake Bay, Md.

Subjects include: Newport Sailing Race, Class I Wandelaar in boat race, smaller class boats in Newport Race, the Yellow Jacket from Class IV of the Newport Race.

Fiche #'s 84, 85, 86, 87 -- Hope Alexander -- 0068

Providence, Newport & Westerly, Rhode Island

Subjects include: Auto shredder, scrap metal used for export, beaches, bays, shorelines, salt marshes, oil spill containment booms, dumping grounds, over-dumping, open burning in dumps, air pollution, fishermen with trap nets, fishing on the Sakonnet River near Newport, industrial areas. State Pier, phosphate pollutants (green Algae scum), land use at the beach.

Fiche #87 -- This fiche contains additional images from assignment #'s 0002, 0026, 0050, 0054, 0075.

Subjects include: Aeration tanks, Washington, D.C.; Imperial Valley, Calif.; water pollution in Baltimore Harbor; tree spraying around Lake Michigan; New York City buildings.

Fiche #'s 88, 89 -- Charles O'Rear -- 0026
Bob Smith -- 0019

Colorado, River; Dallas, Texas

Subjects include: Lake Mead recreation, Junior Rodeo, EPA radiation testing, Baptism at Lake Mead, smog, farm workers, Imperial Valley, water sampling of the Colorado River, "whole body counter," Palo Verde Valley, new cars waiting for shipment from Los Angeles, lifestyles in White Rock Lake, Texas, Dallas expressways, farmlands, black neighborhood, Dallas lifestyle, old Mexican market.

Fiche #'s 90, 91, 92 -- Arthur Tress -- 0041

Staten Island, Jamaica Bay, Gateway area, New York.

Subjects include: Construction on Staten Island, polluted waters, lifestyles around Jamaica Bay, Wildlife in Jamaica Bay, ferry cruises, Sheepshead Bay, electrostatic precipitator, oil-soaked mud at Gravesend Bay, abandoned Coney Island amusement park, Breezy Point near Jamaica Bay, unfinished highway construction, Great Kills Park recreation, raw sewage flowing into Jamaica Bay, pollution around the JFK Airport, Spermacetti Cove Nature Center, landfill.

Fiche #'s 92, 93, 94, 95, 96 -- David Falconer -- 0091

Columbia River, Oregon and Washington

Subjects include: construction for Expo '74, industrial buildings, shipping terminals, Grand Coulee Dam and other dams, Hayden Island complex, Trojan Nuclear Plant, mountain climbing, boating on the Columbia River, industrial plants along the Columbia River, raw sewage in the Spokane River, dismantling of ships, cars, trains, etc., fish hatchery, Dalles Dam on the Columbia River, Sewage treatment plants, gasoline shortage in Oregon, effluent treatment canal.

Fiche #'s 96, 97 -- Deborah Parks -- 0105

Rockport, Mass.

Subjects include: beaches, harbor, local businesses, town lifestyles, lobstering, landuse in Rockport.

Fiche #97 -- Erik Calonius -- 0070

New York, New York

Subjects include: subway trains and stations, graffiti on subways, commuters on subways, elevated platforms, vandalized subway cars, traffic jams.

Fiche #'s 97, 98 -- John Messina -- 0015

Lower Mississippi River

Subjects include: oystermen idle because of pollution and flooding, Destin, Florida, old buildings, fishermen and families affected by polluted and flooding water, dumping grounds, families having to move because of levee construction.

Fiche #'s 98, 99 -- Chester Higgens -- 0054

New York, New York

Subjects include: solid waste used for landfill, New York skyline, barges moving landfill, traffic and congestion, smog, air pollution, bridges, tunnel approaches, abandoned warehouses and terminals, Consolidated Edison Plant, World Trade Center Towers, buildings of New York City, the East River.

Fiche #'s 100, 101 -- Michael Philip Manheim -- 0061

East Boston, Massachusetts

Subjects include: Impact on lifestyles and community living near Logan Airport. Images include: effects of noise from planes and trains, Logan airport, row houses, area inhabitants, physical damages to structures and medical damage to individuals, children playing.

Fiche #101 -- Mike Lien -- 0099

Chesapeake Bay

Subjects include : Water recreation. Images include: sailing, swimming, bird nesting on channel marker, fishermen, sailboat races, marinas, crabbing.

Fiche #'s 101, 102, 103, 104, 105, 106 -- Flip Schulke -- 0003

South Florida

Subjects include: Retirement lifestyles, recreation, trailer parks, land use development pressures. Images include: Everglades forest fire, various "keys" (islands), canals, Key West architecture, underwater state park, mahogany trees, tourism, fishing, camping, sea shells, shrimp boats, fishing docks.

Fiche #'s 106, 107, 108, 109, 110, 111 -- Charles O'Rear -- 0026

Lower Colorado River

Subjects include: Agricultural, recreational, power demands on river. Images include: siltation, salinization, erosion, irrigation, Lake Havasu, Imperial Valley, Salton Sea, National Wildlife Refuge, EPA National Research Center, crop dusting, Lake Mead, Parker Dam, Hoover Dam, London Bridge, boating, EPA experimental farm, Las Vegas, workers from Mexico. (Assignment includes images used in the October, 1973, issue of National Geographic.)

Fiche #'s 111, 112, 113 -- Boyd Norton -- 0096

Montana and Wyoming

Subjects include: Strip mining and spoil piles, rangelands and lifestyles threatened by proposals for extensive strip mining in Powder River Basin. Images include: oil wells, power plants, reclamation, railroad construction, ranches, ranchers.

Fiche #'s 113, 115 -- Yoichi Okamoto -- 0103

Yugoslavia

Subjects include: Ruder Boskovic Institute at Zagreb, EPA sponsored research activities on the Adriatic Sea, hydrobiological research ship Vila Velebita II.

Fiche #114 -- Michael Philip Manheim -- 0061 and Wil Blanche 0044

continuation of Manheim assignment on East Boston, Mass, and Logan Airport on Fiche #'s 100 and 101. Blanche assignment subjects include: Lower West Side Manhattan in New York City. Images include: Manheim--abandoned cars, kids playing, row houses, proximity of commerce to housing, roads bisecting neighborhood, little league baseball, Logan community leaders, renovated an unrenovated homes, problems believed caused by airplane vibration, arguments with Massachusetts Port Authority. Blanche--World Trade Center under construction, sewage problems, other construction, river debris, people at Battery Park.

Fiche #116 -- Mike Lien -- 0099

Chesapeake Bay

Continuation of Lien assignment from Fiche #101. Subject includes water recreation. Images include: sailboat racing.

Fiche #'s 116, 117 -- Boyd Norton -- 0101

Snake River

Subjects include: Rafting through Hells River Canyon. Images include: Action shots, white water, tranquil spots, campsites, panoramas, snake, mailboat.

Fiche #'s 117, 118 -- George Burns -- 0036

Niagara River and Falls, U.S. and Canadian Border

Subjects include: Pollution, urbanization, industrialization in Buffalo, Niagara Falls and area, tourism.

Fiche #119 -- Donald Emmerich -- 0078 and 0104

Milwaukee, Wisconsin and Lake Superior

Subjects include: Old Milwaukee Days Parade, U.S. and Canadian shipboard research on Lake Superior (Limnological study). See Fiche #'s 149 through 153 for Emmerich images on Minneapolis, St. Paul, Duluth, Lake Superior. Subjects include: Positive aspects of urban environment, EPA Water Quality Laboratory, Reserve Mining, fishing. NOTE: Fiche #'s 119 and 120 also contain images used in the EPA pamphlet "Research & Monitoring" published in 1973.

Fiche #120 -- Yoichi Okamoto -- 0103

Vienna, Austria

Subjects include: Vehicle traffic control problems. Images include: underground pedestrian passageways, pedestrian zones, underground parking lots, outdoor cafes, trolley system, playgrounds.

Fiche #121 -- Joe Clark -- 0079

Ann Arbor and Detroit, Michigan

Subjects include: EPA Vehicle Emission Test Center, industry, recreation. Images include: dial-a-ride bus system, Ford foundry, Greenfield Village, oldtime rifleman's meet, tourists taking cruise to amusement island, craftsman exhibit, Cadillac assembly line, Ford River Rouge plant, Ford casting plant, hydroplane races.

Fiche #'s 121, 122, 123 -- Gary Miller -- 0038

New York City area

Subjects include: Solid waste, landfill problems, congestion, trash barges on East River.

Fiche #'s 123, 124 -- Dan McCoy and Hank Morgan -- 0073

New York City

Subjects include: Vehicle traffic problems, on streets, bridges, expressways; gas shortage, taxis, commuters, autos, buses, illegal parking, New York air pollution lab on street.

Fiche #'s 124, 125 -- Wil Blanche -- 0044

Continuation of Blanche assignment on Fiche #114. Subjects include: Lower West side, activity along Hudson River and Morton Street pier. Images include: Croton dump and landfill, Battery Park, new construction, Staten Island Ferry, Trinity church and World Trade Center contrasted.

Fiche #125 -- Dick Swanson -- 0052

Philadelphia, Pennsylvania

Subjects include: Inner city environmental problems. See Fiche #171 and 172 for more Swanson Philadelphia coverage. Images include litter, oil refineries, row houses, smog, city incinerator, steel works, persons playing in museum of art fountains.

Fiche #'s 126, 127 -- Ernst Halberstadt -- 0060

Boston, Massachusetts

Subjects include: Urban and harbor environment. Images include: downtown, skiing, recreational areas.

Fiche #'s 127, 128, 129, 130, 131 -- Frank Aleksandrowicz -0085

Cleveland, Ohio

Subjects include: Urban and suburban environment, industrial air and water pollution. Images include: Lake Erie and beaches, parks, traffic, gasoline crisis, Amish, downtown lunch hour, business and housing renovation, blighted areas, single family homes, apartment houses, garbage removal, industrial plant discharging waste, rat infestation, sludge-reclaimed strip mine.

Fiche #'s 131, 132 -- Lee Lockwood -- 0059

Eastport, Maine; St. Croix River

Subjects include: Town, harbor and approaches for deepwater port and refinery which is proposed, industrial pollution of river, including paper plants; clear cutting of timber, reforestation.

Fiche #'s 132, 133, 134, 135, 136 -- Dennis Cowals -- 0094

Subjects include: Aerial views of the 789-mile route of the Alaska pipeline from the North Slope to Valdez; documentation of caribou, fox, ground squirrel, wolf, mountain sheep, duck, salmon. Images include: shots of tundra, mountains, lakes, valleys, rivers, streams, ponds, bluffs, peaks, ranges, vegetation, wildflowers, lichens, passes, soil creep, camps, Fairbanks (aerials), forests, tiaga, settlements (aerials), trees, swampland, glaciers.

Fiche #'s 137, 138 -- Charles Steinhacker -- 0062

Androscoggin River in New Hampshire and Maine

Subjects include: Beauties of upper reaches, water and air pollution, industrial uses of lower river basin. Images include: lakes, dams, fishing, kayaking, town auction, towns.

Fiche #138 -- Ernst Halberstadt -- 0060

Continuation of Halberstadt assignment on Boston, Massachusetts on Fiche #'s 126 and 127. Subjects include: city Hall Plaza, sailing, gardening.

Fiche #'s 138, 139, 140 -- Ted Rozumalski -- 0080

Wisconsin and Fox Rivers

Subjects include: Natural beauties, recreational and industrial uses, flora and fauna, water pollution. Images include: algae, Marquette-Joliet river trip recreated, lakes, previous logging results, swamps, forests, wildflowers, abandoned cars, town dumps, deer, Wisconsin Dells recreational area, fishing, swimming.

Fiche #141 -- Blair Pittman -- 0013

Houston and Galveston, Texas

Subjects include: Industrial pollution, uses of Houston Ship Channel, Galveston Bay recreation. Images include: birds, freighters, tugboats, tankers, imported autos on dock, industry, fishing, storage tanks, towboats, recreational swimming beaches.

Fiche #'s 142, 143, 144, 145, 146 -- Harry Schaefer -- 0051

Kanawha River, West Virginia

Subjects include: Beauty and recreational uses of upper reaches, industrial pollution of lower basin. Images include: trash littered banks, river barges, bridges, industries, downtown Charlestown, camping and fishing, homes, smoke-stack emissions from chemical plants, poverty, railroad yards, towboats, rock concert, neighborhoods, slag piles, coal barging through locks, river towns, swimming pool, little league baseball, boating, job corps center, power plant cooling towers, farming, strip mining scars.

Fiche #'s 146, 147, 148, 149 -- William Kuykendall -- 0087

Missouri - Lake of the Ozarks

Subjects include: Recreational, second home land pressures, tourism, flora and fauna. Images include: aerials of lake, boating, Bagnell Dam, excursion boats, float planes, siltation, Missouri Water Patrol, dock floatation, vehicle traffic, dumps, luxury year-around and vacation homes, lodges, marinas, home socializing, fishing, tourists on mile-long commercial amusement strip, farms, farm animals, town reunion, mansion ruins, nature, underground caves, frogs, trout, lizard, deer, flowers, water snake, rabbit, duck, green heron, butterfly.

Fiche #'s 149, 150, 151, 152, 153 -- Donald Emmerich -- 0078

Minneapolis and St. Paul, Minnesota; Duluth, Minnesota, and Superior, Wisconsin, harbor complex; Lake Superior; Tawas City, Michigan.

Minneapolis subjects include: Foshay tower and Investors Diversified Services (IDS) Center, people, landscaping, transportation, storefronts and lunchtime on Nicollet Mall, bicycle parking, rock band, popcorn wagon, Nicollet Mall cleanup crew, Hennipin Avenue store signs, Mississippi River litter, kids playing and swimming, ducks, downtown aerials, suburban and commercial river waterfronts, canoeing, lakes withing the city, boating, pipe outlet pollution, fishing, sailing, beach scenes, junked cars, music store score (exterior).

St Paul subjects include: river litter, downtown park people and landscaping.

Duluth and Superior harbor complex and Lake Superior subjects include: ore carrier, Reserve Mining taconite tailings and company dump site on the lake (aerials and ground shots), freighters loading, harbor pollution (Aerials and ground shots), grain, wood products, paper and power company air and water pollution, canoeing, fishing, abandoned factory, EPA National Water Quality Laboratory with a aquarium fish egg count, electron microscope, lab fish research and microscopic views, seagulls and airplane on runway.

Tawas City, Michigan, smelt run subjects include: fishermen catching smelt with dip nets, cooking and eating fish, litter from fishermen, fishermen around campfire, night fishing, fishermen with campers, killing time, litter cleanup, drainpipe pollution.

Fiche #'s 153, 154, 155 -- Suzanne Szasz -- 0064

New York, New York.

Beautification subjects include: flower and vegetable garden cultivation, garden harvest, penthouse gardens, Grammercy Park home beautification, Broadway and 76th St. mall planting ad beautification, Lincoln Center Plaza, Rockefeller Center, folk arts and crafts, sheep shearing, loom weaving, ABC Building flowers, sidewalk art for sale, Chelsea Neighborhood Association playground at 22nd Street and 10th Avenue, Central Park and lake scenes including Schaefer bandstand concert, quilting bee, sports, lawn bowling and solitude; block party on East 35th Street between Lexington and Madison Avenues with food and sidewalk merchants, spring flower sale, backyard greenery, front yard garden on street, CBS Paley Park on East 53rd Street, South Street Seaport summer programs on the East River near the Brooklyn Bridge, spring festival at Carl Schurz Park between East End Avenue and the East River, Washington Square Park in Greenwich Village, wisteria on house in Greenwich Village, stone park at 29th Street and 2nd Avenue, corner park mural at 29th Street and 2nd Avenue, soft drink stand, various scenes in Prospect Park in Brooklyn, city parks department plants annuals, crab apple blooms at 5th Avenue and 79th Street, community flower garden at 7th Avenue and 11th Street, Sunday flea market at 6th Avenue and 27th Street, midtown Manhattan window boxes, school kids visiting Staten Island's High Rock Park, Bryant Park concert and flower show, Park Avenue in spring, company's indoor garden at 6th Avenue and 52nd Street, flower show, Park Avenue in spring, flower shop, sidewalk flower plots. United Nations gardens.

Fiche #'s 156, 157, 158 -- Yoichi Okamoto -- 0108

Munich, Germany, and Vienna, Austria.

Munich traffic-free downtown pedestrian zone subjects include: Karl's Door (arch) western entrance to zone, pedestrians, shops, landscaping and beautification including flowers, fountains and sculpture, people relaxing, looking down at the plaza from the City Hall Tower, demonstration, crowd watching the City Hall famous tower clock, clock figures, sidewalk cafe, people pictures, licensed concessions, lottery stand, sidewalk discussions, daily morning cleanup and business deliveries.

Munich transportation subjects include: ticket machines, trolleys, underground station scenes including escalators, shops, restaurants, trains, closed circuit TV monitors and animal passenger, police central control station traffic monitoring.

Vienna transportation subjects include: subway construction, trolleys, car traffic and sidewalk cafe, pedestrian zone benches, parking and narrow street problems, police traffic control monitoring, police motorcycles and patrolman.

Fiche #'s 158, 159 -- Paul Sequeira -- 0075

Lake Michigan shoreline

Shoreline environment subjects include: ferry with freight cars, man asleep on bench, women walking, blacks playing in schoolyard, seawall construction, kid throwing stone, car battery assistance, nuclear power plant under construction, lake overlook, sand dunes, beach scenes, lake parade float, rainy Chicago's North Michigan Avenue, family outing, Chicago's Mayor Daley at parade, parade cleanup, food store boycott, auto accident, hikers at rest, shoreline erosion landfill, couple embraces in park, floodwater channel, family storm cleanup, lake flooded home aftermath, water main construction slows Chicago traffic, lake storm threatens homes, barge, tugboat, chess playing at Chicago's Lincoln Park, Calumet Park and power plant, beach, vegetable growing, home sites for sale, storm erosion threatens home, road washout near Gary, Indiana, storm perils picnic tables, Chicago expressway construction, couple with frisbee, dune buggy tour ride, beach bench, batter, girl and duck.

Fiche #159 -- Ike Vern -- 0063

Perth Amboy and Carteret, New Jersey, and New York, N.Y.

Petro-chemical manufacturing complex air and water pollution. Subjects include: Oil tanker and dock area, oil storage tanks, boat graveyard at Shutters Island, gas tank that killed 41 men in an explosion, low tide shows oil spills, copper refining center, warehouse, tanker and tugboat, Arthur Kill waterway, pleasure boats, factories, auto junkyard, ship scrapyards, oil refineries, abandoned clay pits, residential petroleum pipe shipping terminal, containerized ship, playground and swimming pool, houses surrounded by industry, high density industry, historic church and cemetery, Kill Van Kull waterway at Staten Island, oil storage spill, corroded oil company pipe, sandlot baseball.

Fiche #160 -- George Burns -- 0036

Niagara Falls and Buffalo, New York (See Fiche #'s 117, 118 and 166 for more images.)

Water pollution problems and tourist subjects include: fishing boat marina, boating, Niagara Falls city auditorium, urban renewal project, Goat Island family picnics and kids playing, industry, sailing, oil slick on Buffalo River, downtown buffalo, scrap metal dumping, Buffalo River trash, steel plant on Lake Erie waterfront.

Fiche #'s 160, 161 -- Kenneth Paik -- 0090

Kansas River in Kansas

Shoreline environment and pollution problem subjects include: sewer outlet at Kansas City, oil soaked cracked soil, oil discharge, dead fish, contaminated vegetation, chemical discharge, railroad cars, river bridges, fisherman, EPA field worker checks dead fish, untreated domestic waste, industry, auto junkyard, old tires used in garden, junk car transports, discarded doll's head, driver dumps trash on road, riverbank dumping ground, roadside trash, dumping sign ignored, burning dump, business pollution affects farm, abandoned junk shop on the river, various scenes of an unemployed man living in a homebuilt cottage on an island including interior, exterior, planting, with water pump motor, fishing, with nephews, boat and trailer.

Fiche #'s 161, 162, 163, 164, 165 -- Doug Wilson -- 0093

Puget Sound, Washington

Positive and negative environmental aspects from the air and ground. Relationships of people to Sound in terms of recreation, work and lifestyles. Subjects include: floating beer can, river debris, tugboat and barge, ducks, oil storage tanks, various rafted logs, Everett harbor, industrial culvert discharges, various pulp mill discharges, smelters, various pulp mills, various waterways, forest logging scars from clear cutting, snow geese in flight, estuary mud flats, loading logs for Japan, Port Angeles harbor and mountains, boat churning pollution, steel log band debris, Mount Rainier and Tacoma waterfront, log storage, smokestack emissions, industrial water pollution, industrial waste water clarifier, solid waste dump, Olympic Mountains, gravel pit, Tacoma smog, log loader, wood chip barges and water pollution, pulp mill treatment lagoons, ducks and kids, sailing, Evergreen Point floating bridge, fishermen, boat launch, swimmers and divers, garbage can litter, Lake Washington, homes on Portage Bay, Seattle and port, oil tanker, yacht basin, riverbank erosion prevention, questionable industrial landfill, clean Elliott Bay harbor, barge traffic, containerized shipping, freighters, yacht basin oil slick, commercial salmon harvest, scuba divers, clamming, ferry, crabbing, oystering, fishing, pleasure boats, salmon fishing boats, commercial fisherman and boat, seine repair and preparation, non-commercial salmon fishing, trout fishermen, fisherman and salmon, cod fishing, winter trout fishing, kids examine tidal pool, canoeing, rock climbing, Puget Sound and San Juan Islands at sunset, deer, bicycling, sailboat racing, smelter slag pile versus Mount Rainier.

Fiche #'s 165, 166 -- Gene Daniels -- 0109

Los Angeles, California

Los Angeles Reactive Pollution Program (multi-agency effort including EPA) of air pollution and weather measuring. Subjects include: mobile van weather check equipment, balloon recording equipment, releasing balloon, filling air-borne buoys with helium, releasing buoys, buoys over city, helicopter smog sample collector, helicopter readiness operations, helicopter equipment, pre-flight instructions, airborne helicopter and buoys, helicopter over city, radar site, radar plotters, mobile air resources van in city, helicopter air sample bags, air sample bags analyzed in laboratory, program operations center, Los Angeles smog.

Fiche #166 -- George Burns -- 0036

Niagara Falls and Buffalo, New York (See Fiche #'s 117, 118 and 160 for more images.)

Water pollution problems and tourist subjects include: Canadian parks' flower gardens, Canadian Niagara Falls, tourists, waste in river, "Maid Of The Mist" tourist boat, tourist attractions and shops.

Fiche #'s 166, 167, 168 -- Arthur Greenberg -- 0082

Southern Illinois

Documentation of scenes in the southern part of the state. Subjects include: Fulton county coal strip mining and machinery, strip mining aftermath including desolate terrain, erosion, bad water and water pollution, city sludge holding basin and use as fertilizer, spring flooding including flooded house, sandbagging, lowland over flow and flooded fields, abandoned deep mine, city dump, inhabited and abandoned farm buildings and homes, frequented and abandoned churches, graveyards, abandoned store and gas pumps, closed schoolhouse, spring wheat, old store wall sign, city and town halls, World War II veterans honor roll, dairy herd, planted field, mailboxes, playground, Lake Bloomington and spillway, oil refinery, store fronts, migrant labor camp, farmland, archeologists at Indian burial site, sculptor's home, abandoned weighing station, fish market, rural scenes, gas station, electric generating plant, abandoned cafe, empty soda cases, railroad tracks, kids in park fountain, burned field.

Fiche #'s 168, 169, 170, 171 -- David Hiser -- 0028

Rifle, Colorado

Documentation of the area which may be strip-mined for oil shale sometime is the future. Lifestyles of the people who live there. Subjects include: oil shale rock closeup, research centers, oil shale rock piles, aerials and ground shots of Piceance Basin lease site and town of Rifle, vegetation, abandoned homestead, wildflowers, sheep, cattle, horses, ranchers, summer cow camp scenes, various corral scenes, herding cattle, cattle health operations, fence mending, branding, hay baling, lariat practice, wood salvage, deer hunters' kills' checked, one room school interior scenes, tree planting, Colorado River scenics, downtown Rifle and housing areas, golf course, city residents, church gathering, yard sale, drive-in waitress, bus as a home, officials discuss proposed interstate highway, city mayor, patrolmen, cafe, church service, nursing home, football game, livestock auction, packing plant, ski goggle industry, jeweler, mother and new baby, funeral at cemetery, cake decorating class, house party, hotel lobby, buying leather chaps, political poster, county fair parade scenes, county fair 4-H judging, animal cleaning and rodeo, abandoned truck, abandoned church and school, winter livestock feeding, old storefronts, semi-deserted small towns, shale oil plant, reclamation research, aspens and stream, bird, deer, dead deer caught in barbed wire fence.

Fiche #'s 171, 172 -- Dick Swanson -- 0052

Philadelphia, Pennsylvania

Documentation of environmental problems and pulses of the metropolitan area. Subjects include: residents cooling off in art museum fountain, walking the dog, downtown, city hall courtyard (fisheye), auto traffic congestion on downtown and commuter arteries, railroad switching yards, polluted Schuylkill River, painted road in front of museum, oil industry, Independence Hall, freeway surrounded football field, Independence Square woman with sign, city park scenes, man sleeping in station doorway, auto junkyards, John F. Kennedy Plaza, aerials of row houses, noon downtown rally, mounted policeman, freeway ends in country, cemetery and suburb, Boy Scouts at Independence Square, black neighborhood middle class row houses, low income black neighborhood scenes including people pictures, neighborhood medical center, housing project, black playground.

Fiche #172 -- Frank Lodge -- 0115

Ann arbor, Michigan

Document displays, hardware and autos assembled at EPA laboratory which were shown at the First Symposium on Low Pollution Power Systems Development. Also commercial company experimental vehicles tested in symposium parking lot. Subjects include: various exhibits, car and bus engines (steam, gas turbine, electric, Rankin system), various scenes General Motors and ESB electric cars, Lear steam bus, inventor Lear, battery charger, Chrysler car, General Motors car.

Fiche #'s 173, 174 -- John Messina -- 0102

Lower Mississippi River marsh area and Atchafalaya Basin

Effects of flooding and life styles of the residents. Subjects include: shrimp fisherman weaves nets, catfish buying, bayou sand-bags, high water debris, Creole tomato farm, highwater at levee, road building dirt pit, water around mobile homes, flooded city park, various flooded homes, sugar cane piled high, flood transportation-boat, flood cook out, flood wall, flood trenches around various homes, flooded farms, farms homes and fields, aerial views of floodwaters, Morganza Spillway, homes under water or surrounded by it, oyster fishing boat, oysters killed by flood, various scenes aboard oyster boat, closeup of sick oyster, fish in oyster shell, oystermen and lawyer on boat, oystermen, Army Corps of Engineers' biologists, flower, hazardous industrial wastes in field.

Fiche #174 -- Jonas Dovydenas -- 0083

Pyramid Lake, Nevada, near Reno. (See Fiche #178 and 187 for more images.)

Documentation of the lake, the Truckee river area and Indian life. Subjects include: Fremont' Pyramid, lake evaporation evidence, desert settings, tufa rock formations, the pinnacles rocks, dawn over lake, vegetation, primitive camping site, lake at sunset, lichen covered boulders, alkaline sand flats, Truckee River delta near lake, various shots of pelicans in flight and on ground, grazing land, campers on beach, algae, lake pollution, boats on lake, hot spring streams, irrigation from river.

Fiche #'s 175, 176, 177 -- DOCUMERICA I - various photographers

DOCUMERICA I consists of 156 images which represent a cross section of the first environmental projects photographed. It was the first exhibit of DOCUMERICA sponsored by the U.S. Environmental Protection Agency and the Corcoran Gallery of Art (Washington, D.C.) The first assignments were carried out in the spring of 1972, primarily in the southwest and west coast regions by 24 photographers. They capture some of the nature and scope of the environmental problem in America and efforts being made to cope with environmental pollution and people's interaction with the environment. The transparencies, most of which occur elsewhere in the system with the photographers' projects include: a Louisville, Kentucky chemical spill; a slum environment in Puerto Rico, urban renewal in El Paso, Texas; water pollution of Lake Tahoe California-Nevada; poisoned waters, automobiles, industrial air pollution and its victims, land uses, dumps and preserving the natural environment. The photographers are Dennis Cipnic, Gene Daniels, Lyntha Scott Eiler, Terry Eiler, Marc St. Gil, Bill Gillette, Ken Heyman, David Hiser, Cornelius M. Keyes, Danny Lyon, Bruce McAllister, Boyd Norton, James Lee Olive, Charles O'Rear, Blair Pittman, Belinda Rain, Bill Reaves, Chuck Rogers, Dick Rowan, Bill and Kathy Shrout, Bob W. Smith, Bill Strode and LeRoy Woodson, Jr.

Fiche #178 -- Jonas Dovydenas -- 0083

Reno, Nevada area (See Fiche #174 and 187 for more images.)

This is a continuation of the assignment on the Truckee River area which empties into Pyramid Lake, and Paiute Indian life. Subjects include: diversionary canal, Newlands Irrigation Project, Lahontan Reservoir, irrigation ditch, weed choked irrigation ditch, poor farming practice, Paiute tribe officials, various Indian individuals, planting alfalfa field, endangered fish hatchery, Pyramid Lake Indian Reservation school, grocery store, laundromat, children, Paiute cattle roundup and branding scenes, Reno storefronts, people, motel, homes, urban sprawl, outdoor hillside advertising, brush fire, weekend camping vehicles, man-painted rocks, Derby Dam on Truckee River.

Fiche #'s 179, 180, 181, 182 -- Tom Hubbard -- 0081

Cincinnati, Ohio

Variety of activities in Fountain Square showing how the man-made environment contributes to urban life. Some other scenes of the city and the EPA Research Center auto engine emission tests. Subjects include: sign-carrying protestors, literature distribution, crowd Birthday celebration, delivery cart, people pictures, Tyler

Davidson Fountain - day and night - with and without people, lunch hour scenes, guitar player, conversation, square sculpture, vegetation, overhead walkway, sun worshippers, light poles, couples, performance watchers, high school band plays, art show figure, art show, various styles of dress, book sale, rainy evening, sidewalk cafe, Saturday night rendezvous, evening scenes, Chess game, cleanup crew, painted face, rock group performs, sleeper, pigeons, bicyclists, escalator, mod style clothes, Ohio River, Vine Street entrance to square, radio listener, feeding pigeons, Du Bois tower reflections, strollers, hikers, Marilyn Woods Celebrations dance group rehearsing and performing, fountain bath, graffiti writer, banner parade, August arts festival, flower stall, sign carriers; sewn, do-it yourself, inflatable, gauze and aerial sculpture, dogs, night festival scenes, clay designs, electronic music, cow milking contest, balloons released, square seen from above, city owned buses, nearby congestion, jazz group, Riverfront stadium, gymnasts perform, sale of arts and crafts, old residential neighborhood parking lot, women's suffrage day, orchestra playing scenes, underground garage, Mt. Adams residential area, downtown aerial, EPA workers conduct engine emissions tests.

Fiche #182, 183, 184 -- Ivan Massar -- 0033

Boston and Fitchburg, Massachusetts, and Nashua, New Hampshire areas

Documents Nashua River pollution and Squannacook and Nissitisset tributaries, conservationists' outing, EPA assisted water pollution and sewage treatment plant construction projects, housing development pressures. Subjects include: river stocked with bass, kayaking scenes, polluted Nashua River, river debris, river outing to check conditions, Canadian geese, floating sludge, EPA assisted water pollution control construction scenes at Nashua, various scenes of conservationists outing in search for rare ferns and wildflowers, various scenes of EPA assisted construction of sewage treatment plant at Fitchburg, Whitman river dam, paper mill discharge scenes, Mc-Taggerts Mill Pond, Phillips Brook, Paper Company, sculling crew scenes, duck and debris, Mine Falls Park scenes, Fitchburg City Hall, pocket park construction, swimming hole scenes, river dump, beach swimming scenes, Leominster dump and water treatment plant, primary settling lagoons, housing development pressure scenes, parking lot landfill.

Fiche #'s 184, 185 -- Kenneth Paik -- 0120

Kansas City, Missouri

Documentation of a small area on the west side of the city called Mulky Square where lower income residents are being displaced. The area is isolated by highways and railroad tracks. Photography documents the life style of one family named Watkins. Subjects include: proximity of neighborhood to downtown, low income housing demolition, unoccupied homes and commercial buildings, high way complex, elderly and rent problem, residential scenes, residents, repairing cars on street,

kids at play, Watkins family scenes indoors and out, candid portraits, neighborhood bar, eating habits, bathroom, front room, kitchen, bedroom, drinking beer on front porch, furnishings, sanitation, togetherness, relatives, burned abandoned buildings, aerial of neighborhood and downtown.

Fiche #'s 186, 187 -- Charles O'Rear -- 0112

Northern California

Documents lumbering operations to salvage forest fire damages trees. Subjects include: burning brush and trees, damaged trees, western Sierra slope aerials showing burn area, infrared aerials, burned trees, forest floor, foresters examine trees, wildflowers, ferns, fire lookout tower scenes, tree cutting sequence, cutting up trees, loggers, logging operations, trucking and measuring logs.

Fiche #187 -- Jonas Dovydenas -- 0083

Reno, Nevada area (See Fiche #'s 174 and 178 for more images.)

This is a continuation of the assignment on Pyramid Lake, Truckee River irrigation and Paiute Indian life. Subjects include: lake trout ready for release, fish hatchery scenes, irrigated fields, Newland Irrigation Project canal, Derby Dam on Truckee River, Indian farming and cultivation scenes, Indian fishermen; sign saying "Nixon," a small Paiute Indian settlement.

Fiche #'s 187, 188, 189 -- Charles O'Rear -- 0113

State of Hawaii (principal islands) (See Fiche #'s 192, 193, 194, 195, 196 for more images.)

Documentation of poor land use in delicate environment, beautiful land remaining, agricultural land and commercial area, transportation, tourist scenes, native Hawaiians, military, volcanoes, plantations, rain forest, beaches. Subjects include: Oahu Island.

Waikiki highrise hotels, Honolulu waterfront and suburbs, downtown Honolulu, Waikiki beach aerials, Kalakaua Avenue auto traffic, Waikiki beach scenes, tourism, outrigger canoes and surfers, aerials of new town on former agricultural land, pineapple fields, new subdivisions, housing construction, rezoned land, Aloho Day parade scenes, rush hour traffic scenes, transportation arteries, Honolulu airport scenes, sea transportation supply scenes, Hawaiian capitol building, King Kamehameha statue, sewage discharge near Waikiki, multi-story land use, Paradise Park flora and fauna scenes, scenes of tourists at hula demonstration, Hawaiian Visitors' Bureau, Sea Life Park marine scenes,

conservation zones, bird life, valley on Oahu, Koko Head Park with marine life, snorkeling and skin diving, freeway construction suspension, helicopter monitored traffic, aeriols of Honolulu, Pearl Harbor siltation, scenes of ferry between Honolulu and Pearl Harbor.

Fiche #'s 190, 191 -- SITES -- various photographers

SITES consists of 113 images which represent a cross section of the environmental concerns and life styles in the United States taken after the DOCUMERICA I exhibit. (A few images were included in both shows.) It is the second exhibit for DOCUMERICA and will continue through 1975. It is produced by the U.S. Environmental Protection Agency and co-sponsored by the Smithsonian Institution Traveling Exhibition Service. The images show how man is destroying nature, and the beginning of efforts to save it. Pictures include: state park, farm, ship-launching, the planet Earth, a high school coastal area, Wisconsin River, sheepherding, sunset, rural scenes, Pacific Northwest, smelt run, farm produce, cattle drive, river boat, abandoned schoolhouse, farm workers, New York City, subway car, industrial plants, strip mining, Lake Powell, nuclear power plant, power lines, Phoenix airport, commuter parking lot, boating, highway repair, artificial reefs, transportation arteries, church, downtown Washington, D.C.; smokestack, power plant, burning field, smog, industrial air pollution and effects, polluted and unpolluted water, junkyard, burning dump, garbage barges, hazardous wastes, Puerto Rico, Puget Sound, pesticides application, Everglades, dead fish, fish hatchery, various radiation sources, excessive noise and environmental protections. Most of the transparencies occur elsewhere in the system with the photographers' projects. Photographers represented are Doug Wilson, Bill Gillette, James Pickerell, NASA astronauts, John White, Dick Rowan, Ted Rozumalski, Terry Eiler, Hope Alexander, Cornelius Keyes, David Falconer, Donald Emmerich, John Messina, Bill Strode, Charles O'Rear, Arthur Greenberg, Tomas Sennett, Chester Higgins, Jr.; Dan McDoy, Erik Calonius, John Aleksandrowicz, Lyntha Scott Eiler, Gene Daniels, Frank Aleksandrowicz, Arthur Tress, Paul Sequeira, Flip Schulke, Bob W. Smith, Declan Haun, Dick Swanson, Marc St. Gil, Hank Morgan, LeRoy Woodson, Belinda Rain, Boyd Norton, Fred Ward, Bruce McAllister, David Hiser, Gary E. Miller, Ken Heyman, Yoichi Okamoto, Michael P. Manheim, David Brill, Joe Clark, David Harvey, Ike Vern, John Neubauer, Bill Shrout, James Olive.

Fiche #'s 192, 193, 194, 195, 196 -- Charles O'Rear -- 0113

State of Hawaii (principal islands) (See Fiche #'s 187, 188, 189 for more images.)

Continuation of assignment documenting poor land use in delicate environment, beautiful land remaining, agricultural land and commercial areas, transportation, tourist scenes, native Hawaiians, military, volcanoes, plantations, rain forest, beaches, Subjects include:

Oahu Island -- Hawaiians crabbing, hula demonstration, Hawaii Kai housing density, house construction, sugar company smokestack, Pearl City suburbs and construction including aerials, Makakilo City Entrance, freeway construction aerials, infrared sugar cane aerial, agricultural lands and adjacent development.

Kauai Island -- flowers, picnic at beach, Japanese tourist, sea catch, motorcyclist on trail, property signs, bus tour, tourist shirt, island airlines, tourists at Waimea Canyon, hotel cottages, plantation sugar mill, housing development, infrared aerial shots of fields, field aerials, Poipu Beach area and housing.

Lanai Island -- abandoned vehicle, scenes at Manele Bay including sunset, arid landscapes, pineapple fields, resident disputing land reclassification, abandoned church in Keomuku, kapu (keep out) sign, fisherman, shipwreck beach, crabs, shots of boys catching octopus, horse rider and pineapple fields, pineapple field scenes.

Molokai Island -- ancient fish pond landfill, abandoned fish pond, Pukoo condominium beginning construction, western shores aerials, resident disputes water use, Kualapuu Reservoir dispute, pineapple fields, remote highway, Kaunakakai deserted street, churches, development signs, neighborhood store, sand dredge, man-made shoreline.

Maui Island -- sugar cane planting and machinery, field workers, pineapple field aerial, coast development of Kaanapali area. Lahina, hillside sugar cane fields, beach sign, tourist sugar cane train, tourists, Hookipa Park, surfing waves and surfers, bird life, agricultural land, cattle, school kids at play, rugged coastline, surf at Maliko Bay, taro patches and infrared shot, Honomanu Bay, rural housing, church, sunset, Maalaea Bay aerial and infrared, island airlines.

Hawaii Island -- daily fish auction and customer scenes, Liliuokalani Gardens, shoreline, no-trespass sign and chain, greenhouse shots, macadamia nut planting and trees, orchids, Akaka Falls State Park waterfall and flora, black sand beach scenes at Kaimu, developer signs, island native whose way of life is threatened by development, cattle grazing, highway over lava flow, mailboxes, "Devastation Trail" volcanic remains, volcano smoke, Mauna Loa active volcano, lava flow, Mauna Ulu eruption, Kona coast and development, new highway construction, fishing, golf course, ancient Hawaiian statues in Refuge National Historical Park, public beach, beach and hotel scenes, horse in pasture, church, infrared aerial and normal shots, lot development shots, sign restriction, shoreline rezoning controversy, ancient petroglyphs.

Fiche #196 -- Jonas Dovydenas -- 0083

Wisconsin Dells resort area, and rural Minnesota near Lake of the Woods

Impact of development and tourism on a Wisconsin scenic area. Rural scenes in Minnesota. Subjects include: Wisconsin - tourist and amphibious boat, various boat trips, tourist advertising signs, natives and tourists in town, store fronts, camping park and equipment, attractions, fast food establishments, motels, scenes on river trip. Minnesota - retired couple, woman and dog, fisherman, fisherman with family and nets, scenes on Red Lake, hobbyist with windmills, farmer plowing scenes, Smokey the Bear statue, church, graveyard and gravestones, junked farm machinery.

Fiche #'s 197, 198 -- Ron Hoffman -- 9999

Aspen and Vail, Colorado

Documents skiing and commercial activities. Subjects include: Aspen -- condominiums, downtown and mountain scenes, outdoor beer sold, popcorn wagon, outdoor refreshment scenes, heated outdoor swimming pool, relaxation between ski runs, Aspen Mall scenes, private homes, ski lift lines, shuttle bus, gondola lifts, chair lifts, ski trail scenes, danger signs, skiers, skiing, injured skier helped, skier on crutches. Vail-street scenes, luggage and transportation, restaurant, menu, storefronts, outdoor cafe shots, outdoor picnic, street skiers, outdoor relaxation, bar, girl on crutches, ski bus and snowflakes, folksinging entertainment, condominiums, outdoor items sale, ski trail machinery, street at night, pushing a car, last run of the day.

Fiche #'s 198, 199 -- Dan McCoy and Hank Morgan -- 0073

New York metropolitan area

Documentation of positive and negative aspects of transportation problems in New York City. Subjects include: traffic congestion scenes in Manhattan, many shots of crushed cars and piles of parts, Statue of Liberty and Power lines, downtown scenes, Times Square advertising, junked car patterns, moveable traffic light, illegally parked car towed away, illegally parked cars, bike racks, torn up streets, taxi blocks traffic, taxi concentrations, citizens' transportation meeting shots, subway commuters and graffiti, dockside shipment of new cars, Holland tunnel, auto embellishments, colliseum auto show scenes.

Fiche #'s 200, 201, 202, 203, 204, 205, 206 -- Anne LaBastille-
-0097 & 0110

Adirondack Forest Preserve in New York State.

This project documents public and private lands in the state preserve showing the natural habitat and man's impact on the environment. This body of work is composed of two projects taken during the spring, summer and fall of 1973.

Subjects include: Spring and summer -- forests, lakes, specific trees and vegetation, Hunting lodge, High Peaks region, rivers, logging with men and machinery, dynamited granite rock face, waterfalls, creeks, trout streams, tree conservation and land restoration, lumber making machinery, paper company, summer cottages, fishing and hunting camps, outhouse, people pictures, tourist attractions, forest rangers, Memorial Day parade units forming, forest observation towers, Fort Ticonderoga and Lake Champlain, Mount Marcy, kayaking on rivers, canoe race, canoeing, recreation, swimming, beaches, Power boating, recreational camping vehicles, campsites, motorcycles, boat launching sites, sailboats, seaplanes, summer ski lift use, golfing, relaxation, fast food shops, dogs, turtle, hiking, backpacking, public shelters. Food preparation, fishing, trout fishing, shoreline vegetation, vegetation change by elevation, tarns (water filled pools), litter, garbage pit, samitary landfill, dredging site for blacktop material, vacation home sites cleared, erosion, tourist accomodation signs, traffic jam, petroleum products, septic system test, graffiti on rocks and trees, camping overuse, heavily used trail showing erosion, dairy farm, abandoned farm equipment, railroad staton turned art shop, abandoned factory, highway conservation signs, moss, native flowers, ferns, tree fungus, lichens, squirrel, chipmunk, woodchuck, herring gulls, hairy woodpecker, toad, insect hatch, beaver marks and dam and lodge, swamp, bear in dump, scuba divers, deer, sewage plant, untreated sewage, titanium mine buildings and tailings.

Fall -- field and foliage, autumm clolors and lakes, hairy woodpecker closeup, geese, fire and radar tower, aerial photos showing color and lakes, seaplanes, tourist steamer, pleasure boats, sailboat, backpackers and hikers, outdoor orientation class, hiking shelter, hiking club, hiking building dedication, camping, deer hunting season with hunters and camp, boat landing, horse ranch, trail ride, women shoppers, tourists, forestry college, fire tower, log cabin, farmhouse porch, rock drawing, private club, maple and church steeple, tree and inn, paper company, sign, overused hiking trail, ski slope, abandoned house, tourist shops, visual clutter, heavy weekend traffic, typical lake ecosystem, open plain, swamp, woodland, glaciated lakeshore rock, farm, aerial of village, sand and gravel pit, closeups of fall trees, bog, native vegetation, tree destruction, trout stream, misty morning lake scenes.

Fiche #'s 206 & 207 -- Erik Calonius -- 0128

Strip mining in southeast Ohio (See also Fiche #'s 219 and 220 for continuation of assignment)

Project includes documentation of strip mining, its effect on the area and reclamation efforts. Subjects include: coal slag bank, mine building exteriors, various scenes of land after being strip mined, former farmland, gigantic strip mine shovels, erosion, apparent violations of strip mine law, sheep, land restoration, church for sale, abandoned barns, rusting farm machinery, abandoned gas station, abandoned farmhouses, abandoned log cabin, public road closed, cemetery, cemetery and stripped land, anti-mining sign, waste ash, home foundation and wall cracks, reclamation ground cover, undrinkable well water, farm and mining machinery, partially reclaimed land, old strip mined land not reclaimed, coal road, unproductive land; mining trucks, coal "house", topsoil, barn advertising, coal hauling truck, coal carrying railroad car, bulldozer at work.

Fiche #'s 207, 208, 209 -- Marc St. Gil -- 0100

Leakey, Texas, area.

Project includes sheep ranching activities, town residents, Mexicans working at a cedar mill, town businesses, teenagers at a party in the woods, rural scenes, fur buying and skin preserving, goats, farmyard scenes. Subjects include: kids in classroom, butterfly, flowers, pictures of town residents, doctor with elderly patient, kids on playground, school teacher, teenagers, Mexicans working at a cedar mill, ranch hands, ranchers, outdoor eating and cooking, sheep shearing, drugstore interior, saddled horse, supermarket exterior, general store interior, gas station interior, motorcyclist with friends, sheep pens and loading, sheep roundup, grocery store owner, pizza place, teenage hangout, teens smoking at outing in the woods, gamecocks, farmers, cedar mill machinery and repair, river and rural scenes, hunter, fur buyer and shed for pelts, dog fights an armadillo, cow dehorning.

Fiche #'s 209, 210, 211, 212, 213 -- Entheos -- 0092

Pacific Northwest Forests

Project includes documentation of forest ecology and the logging industry. Most of the pictures focus on forests and timberland in the area of the Olympic National Park, Washington. Subjects include: Douglas fir and Western Red Cedar, mixed growth, bottomland, various forest shots from seedlings to over mature trees, club mosses, aerials of forest ground cover, spruce forest in

winter, tree closeups, tree spring growth, natural tree groupings, tree monoculture, pine sap, fir cone, seedlings, forest floor, dead trees, foliage, nurse logs, tree decay, bark closeup, jay, owl, crows, funguses, mushrooms, lichens, ground moss cover, grass and decayed leaf, meadow grasses, green leaf alchemy, flowers, vanilla leaves.

Fiche #'s 214, 215, 216 -- Boyd Norton -- 0123

Las Cruces, Santa Fe, Albuquerque and Alamogordo, New Mexico; and Tucson, Arizona.

Project includes documenting solar heating for homes and a greenhouse, solar heating prototype units, solar furnace experiments, high intensity agriculture and aquaculture in solar heated greenhouses. Subjects include: adobe house using solar heat and details, designer, sun actuated ceiling cover, windmill, solar heating panel, log home with solar heating, electrical wind generator, solar energy pioneer, high school solar greenhouse shots, undrinkable water sign, solar greenhouse styrofoam beads insulation, hexagon shaped aluminum solar heated house exterior and interior scenes and details, various pictures of the experimental solar furnace apparatus including the parabolic mirror, heliostat and test cab; sun's rays melting metal, shrimp raised in a solar heated parabolic reflector for a "solar farm", solar heating for home and swimming pool, closeup of model of solar heating panel, saquaro cactus, decorative plants raised in solar heated greenhouse, waste heat recovery unit, inflatable greenhouses, desert cactus, two boys and dog play along a river, old country storefront, storm breakup over Pike's Peak.

Fiche #'s 216, 217, 218 -- David Falconer -- 0114

Oregon and Washington

Project documents the power shortage in the Pacific Northwest as a result of low rainfall and snow cover. Also covered is the gasoline shortage for that area. Subjects include: Portland after commercial lights turned off by executive order, energy conservation billboard, suburban highway without commercial lights, various shots of reservoir at alltime low, various energy conservation signs, oil dealer emergency delivery cars, fireplace for heating, Columbia River shots at an alltime low, shorter service station hours signs, gas pumps closed, Portland lighting decreased, daytime football games, gas shortage signs, turn off the "damn" lights stickers, lower speed limit sign, energy shortage sign humor, kerosene lamps used, Oregon governor using kerosene lamp, unlighted freeway time exposure with car illumination, Oregon license plate "WET", motorcycle during fuel crisis, gasoline limit signs, energy t-shirt, decreased interstate traffic, battery powered business sign, kerosene lamps for sale, family living in attic, limited city lighting, police station pump lines, driver stands with gas can in hand in line for fuel, policeman directs traffic around gas station, recreational vehicle for sale, locked

gas pump, gas to regular customers sign, gas tank lock, driftwood collected for fuel, sun and kerosene lantern as energy symbols, gas by appointment signs, gas rationing newspaper headline, Oregon governor with new smaller car, fire sequence on effects of five gallon gas can igniting in trunk of car, Oregon gas station flag system for fuel, city car gas coupons, Oregon even-odd license plate gasoline system in stations, junked autos, high priced imported gas available, gas station service, school kids use bikes for extracurricular activities, car pool sign, open but empty gas station at end of gas shortage, abandoned gas pumps, some with low cost visible; boarded up station, abandoned station and pumps converted to religious use, family at car with gun and warning sign to thieves, car pool office, gas station being moved.

Fiche #'s 218 and 219 -- Jane Cooper -- 0117

Rural Vermont

Project very briefly looks at Vermont natives, a maple sugaring operation and rural scenes. Subjects include: emptying maple sugar buckets and reducing the liquid, older residents in their homes, old farmer working on his tractor, woman dairy farmer, man with goat, man in workshop, hay rake in snow, Vermont village, rural scenes, barnyard with horses in winter snow, horsedrawn sleigh.

Fiche #219 -- Paul Sequeira -- 0145

Delaware, Ohio

Project documents the impact and EPA supervised cleanup operations after part of the contents of a chemical warehouse which was destroyed was washed into a river causing a fishkill. Subjects include: destroyed warehouse, contaminated truck garden, fish kill shots, chemical contaminated corn, polluted river shots, chemical on truck garden plant, dying fish, polluted drainage ditch, ruined chemicals, treated and untreated water, vacuum cleanup, EPA authorities at holding pond.

Fiche #'s 219 and 220 -- Erik Calonius -- 0144

Strip mining in southeast Ohio (See also Fiche #'s 206 and 207 for beginning of assignment)

Project includes documentation of strip mining, its effect on the area and reclamation efforts. Subjects include: coal company processing plant, coal truck, grave and coal plant in background, rural scenes, coal company tour bus, natural vegetation and strip mined land, flooding, strip mined land and abandoned farmstead, stripped land being recontoured, strip mine buttes, strip mining and power lines, buttes and ponds after strip mining, fisherman in strip mine pit, abandoned farms and houses, well maintained older

city homes, less well maintained homes, coal company closed road, coal hauling road under construction, giant coal shovel and city street, coal car flower planter, giant strip mine shovels, irregular land formations caused by previous stripping, coal tipple in rural area, abandoned coal shovel, reclamation area, strip mine giant shovels at work, recontoured land, eroding land not recontoured, eroding land in reclamation area, coal slag leached land, Cadiz, Ohio town hall, "house of coal", bulldozer clears trees, lake filling with strip mine caused silt, abandoned farmhouse interior, seeding machinery on recontoured land, birds on lines over abandoned farm, trench with standing water, decaying barns, probe hole for coal, gravel plant, fertilized and seeded recontoured land, desolate looking stip mined land, acid water, closed road, tiered strip mining, highway and strip mining, machine test drills for coal, coal trucks loaded, abandoned country store, cows grazing near strip mining, mother and daughter in swim pool, shopping in supermarket.

Fiche #221 -- Dennis Cowals -- 0094

Alaska Pipeline Route (See also Fiche #'s 132, 133, 134, 135, 136 for beginning of project)

Project documents the pipeline route with aerials and ground photos from Mile 673 to Mile 789 (Valdez). Subjects include: Intersection of Glenn Highway and pipeline, pipeline clearing through forest, Mount Drum and Copper River, pipeline crossing at Tsina River and Richardson Highway, Mount Diamond, Tsina River and Chugach Mountains, Worthington Glacier, Thompson Pass and Richardson Highway, fireweed and abandoned truck, alder shoot on glacial moraine, parka squirrel, Twenty Seven Mile Glacier, Ptarmigan Lake, Richardson Highway at crest of Thompson Pass, Lowe River Valley, Sheep Creek construction camp, alder and spruce forests, Keystone Canyon, Lowe River, inside Keystone Canyon, Dridal Veil Falls, Peak 5079, Lowe River flood channel, various shots of the Port Valdez glacial fiord and the town of Valdez, Camicia Glacier, pipeline terminus and deepwater port, road construction for future terminal, Mount Kate, construction camp, fishing boats, spruce timber and fiord, salt marsh and one of the Mineral King Islands, salmon spawning, typical alpine vegetation, waterfall in Mineral King Valley, milky sediment in Port Valdez from river runoff, logs in a bay, Prince William Sound coastline, pleasure boat in Jack Bay tanker "Alaska Standard" in the sound, Alaska ferry "Barlett", stream draining into Jack Bay, Busby Island, Valdez Narrows to Anderson Glacier and Chugach Mountains, Columbia Glacier and sound, coastal mountains on sound.

Fiche #'s 222, 223, 224 -- Hope Alexander -- 0124

New York Bight (coastal waters)

Project includes documentation of the New York and New Jersey area emphasizing the economic and ecological significance of the bight, the environmental impact of ocean dumping and alternatives to it. Many of the pictures are aerials. Subjects include: Ocean bight, closeup of bight waters, tug with dredge spoils, smog, commercial and sport fishing, commercial lobstermen, Rockaway Beach, Long

Island and Coney Island, Bayonne, New Jersey waterfront; Brooklyn Bridge, Brooklyn shipping piers, George Washington Bridge, Palisades Park and Hudson River, Harlem and Hudson Rivers confluence, Harlem River industry, west side piers in Manhattan, Manhattan and East River, Manhattan transportation arteries, financial district, Consolidated Edison plant in Manhattan, Brooklyn shipyards, East River and Queens, Statue of Liberty, west side Manhattan, Long Island Expressway, Triboro Bridge, East River Drive, the Bronx, bridge over Harlem River, bridge pier graffiti, subway on Brooklyn Bridge, Hackensack Meadows, New Jersey wetlands destruction; Staten Island wetlands destruction, Arthur Kill Waterway, New Jersey wetlands destruction; wetlands destruction near Newark, New Jersey; Coney Island coastal development, industry along the Passaic River in New Jersey, port of Elizabeth, New Jersey; industrial development in Bayonne, New Jersey; Jersey City industry, Newark Bay, New Jersey; Hackensack River industry, Arthur Kill River industry, American Cyanamid Co., E.I. DuPont Co., Inc.; New Jersey Turnpike and industry, untreated Manhattan sewage, Manhattan sewer outfall, closeup of Tallman Island sewage treatment outfall, oil and debris on Hudson River, pleasure boats and oil slick on Newark Bay, Arthur Kill River industrial pollution, E.I. DuPont Co., Inc., industrial waste; chemical dye on Upper New York Bay, various shots of Newtown Creek sewage treatment plant in Brooklyn including settling tanks, aeration tanks and partially digested sewage; Spring Creek experimental sewage treatment plant in Brooklyn, construction shots of North River sewage treatment plant in Manhattan; New York City sludge transport ships, shots at dock and on way to dumping grounds; dumping grounds showing ocean contamination, acid wastes closeup, construction rubble on barge, dredging New York harbor, tug with dredge spoils on barge, spoils released, Staten Island landfill, Battery Park City landfill, Bayonne, New Jersey landfill; sludge incinerator, incinerator ash, ash used for soil enrichment, farm in industrialized New Jersey area, farmer and nephews, pastured sheep, cow pasture, cows, horses, Coast Guard helicopter monitors ocean dumping, National Oceanographic and Atmospheric Administration ship with shots of personnel checking current meters and diving in the bight, helicopter making sonar tests, New York harbor pilots, microphotographs of bight algae.

Fiche #224 -- Bruce McAllister -- 0129

Odgen Bay, Utah

Project documents Environmental Protection Agency supervised clean up of a pond filled with oil, acid and clay sludge as well as dead animals, junked cars and other debris. There was a possibility of seepage and contamination of nearby Great Salt Lake. It was photographed prior to cleanup, while the operation was underway,

and after the area was recontoured. Is is in microcosm and example of what can be done to restore the land. Subjects include: various aerials of the five acre pond showing debris in and around it, junked cars, bed springs and pipes; dike; acid debris in and around it, junked cars, bed springs and pipes; dike; acid water, sludge and oil, dead animals, dead duck, EPA personnel, road to site. Aerials of site when cleanup half finished, showing relation to the salt flats and Great Salt Lake, pumping liquid from pond, debris stacked after removal from pond, debris uncovered at bottom of pond during drainage, straw bales and oil booms used to separate acid wastes and oil, disposal site for neutralized sludge, disposal of disced material into the ground. Recontoured pond after cleanup, from the air and ground; disposal site after operation completed.

Fiche #'s 224 and 225 -- Danny Lyon -- 0135

New York City (majority of photos); Paterson, New Jersey; and Chicago, Illinois

Project documents the inner city environment with emphasis on congested areas where 19th century buildings are the habitat for urban dwellers whose quality of life is affected in positive and negative ways. Subjects include: Renovated brownstones, under the elevated tracks in Brooklyn, Brooklyn public swim pool, Brooklyn public beach, Puerto Rican emblem on car, Brooklyn architecture shots, two Latin girls in front of a wall of graffiti, Brooklyn building gutted by fire, Manhattan Bridge tower, Latin youths, Brooklyn apartment house, boys and graffiti in Brooklyn park, inner city Paterson, New Jersey; houses and Latin people; man working on car in New York City, well maintained house in Brooklyn, wall paintings in Manhattan, Brooklyn row houses, Latin youths in Brooklyn park playing ball, fire test in Brooklyn, Brooklyn theater, private residence in Paterson, New Jersey; man on park bench in New York City, elevated train in Brooklyn, two black youths and a dog, underneath the elevated tracks in Brooklyn, eagle insignia of New York City fire truck, Williamsburg Bridge in New York City, youths throwing frisbee across Manhattan street, Manhattan wall painting and playground, black sports hero painting on store wall; Manhattan's 59th St. Bridge, New York City midtown skyline, wall graffiti, East River Park in Manhattan, inner city Chicago housing, two boys in poor Chicago housing, abandoned Chicago house.

Fiche #'s 226, 227, 228 -- Charles O'Rear -- 0134

Amtrak passenger train service in the West and Midwest. Project includes documentation of passengers and facilities on various trains, equipment renovation, various train stations inside and out, new equipment and services. Subjects include: old equipment being repaired and refurbished, passengers boarding trains, train station interiors and exteriors, candid people photos in stations and on trains, dome car passengers, coach passengers, train support systems, Amtrak officials, conductors, Amtrak advertising

pins and hats, dining car scenes, Amtrak passenger service representatives, lounge cars, dining car galleys, baggage loading, passengers at trackside, trains in cities, waiting rooms, games played and refreshments in lounge cars, waiters, private compartments, trains and scenery, train schedule announcements, train tracks, engineers at work, fireman at work, ticket punched, aerials of various trains in transit, track repair, unused stations and interiors, contrast between old station photos and present day use at same locations, train yards, station seating, dining car menu, woman reading in private compartment, guitar playing in lounge car, debris from train wreck, passengers and Amtrak official discuss alternate plans after schedule disruption, train station farewells, passenger luggage carriers, last minute equipment checks, old and new equipment, turboliner train, bus chartered after train schedule disruption, conductor checking his pocket watch, passenger car attendants, refurbished stations, computerized ticket counter machines, ticket lines, passengers photographed before boarding trains, private compartment bed, national park employee describes park to passengers.

Fiche #'s 229, 230, 231 -- John H. White -- 0076

Chicago, Illinois

Project includes documentation of the inner city with emphasis on blacks, their environment and lifestyles, housing, social and economic status. Subjects include: many candid portraits of blacks of all ages in their daily routine, man seated at a boarded up building, mailman, painter, families, artist and ghetto wall art, apartment housing, high rise apartments, kids jumping rope and playing basketball, boarded up buildings, apartment clotheslines, flowers, apartment tenants, neighborhoods, townhouses, federally financed housing project, construction workers, city seen from Lake Michigan, marina, sailboats, freeway traffic, parking lots, city sponsored vehicle pollution testing, scenes in the "loop", Marina Towers, inner city commercial districts, sidewalk vendors, black businesses, people killing time playing checkers, shopping center, black church and baptism, graffiti, outdoor gatherings, Black Muslim annual Savior's Day meeting, heavyweight boxing champion Muhammad Ali, black judge, Johnson Publishing Company building and interior of writer's office, the Rev. Jesse Jackson, scenes of annual black business conventions, senior citizens protest, school's black studies class, annual Bud Billiken Day parade scenes with beauties, floats, politicians, marchers and crowds, city council meeting, free job training and placement for people in poverty areas showing a welding class, elementary school class outside, neighborhood outdoor talent show, beach and bathing and picnic scenes, recreation scenes, baseball, local rock group, national black music and dance talent.

Fiche #'s 232, 233, 234, 235, 236 -- Jack Corn -- 0126

Coal mining in Kentucky, Tennessee, Virginia and West Virginia.

Project includes: Regional coal mining industry from low budget operations to large progressive mines, "long wall" mining progressive developments for processing deep mined coal efficiently, economically and with regard for industrial health and safety. The assignment includes miner lifestyles, at work, their housing and families, physical and social characteristics, and a black lung laboratory. Subjects include: Once prosperous mining towns, abandoned businesses, Virginia-Pocahontas Coal Company scenes including the repair shop, time card room, maps of mine and miners at work underground; scenes of mine closed for lack of a legal non-arcing drill, licenses and mail slots in abandoned store, old fire-gutted company store, miner homes in old coal towns, coal company flag, Virginia-Pocahontas Coal Company scenes including miners waiting for the start of their shift and one coming off shift, candid shots of miners, mine shaft elevator and buildings, coal cars on railroad tracks; modern homes of miners, abandoned mine and remains, rural church and home, miner family, long wall modern mining scenes including men and machinery; drift mine and escape wires, coop general store, small post office, miner's identification plate on his belt, miners checked for prohibited smoking materials, scenes of Virginia-Pocahontas Coal Company television studio used for training, official and foreign visitors interested in opening a mine, coal cleaning room control panel, coal conveyor belt, water settling pond, cleaning trays for coal, coal tippie, continuous mining machine scenes, coal mine map, coal mine buildings and mine fan above ground; coke furnaces, mobile and conventional miner homes, coal barge, loaded coal cars on tracks and railroad scenes, woman lawyer and other employees of United Mine Workers, burning coal slag heap, youths and housing, trailers and river trash, various mining town scenes, miners with black lung disease, medium sized coal mine buildings, mountain fog, miner homes by railroad tracks, scenes from "punch" mine being operated, mountain scene near clash of miners and federal troops in 1921, coal loader, scenes of children at recess in schoolyard, coal supervisor homes compared to miner homes, hillside housing and parking, tavern scenes, scenes of a small new mine being readied and the access road to it, black lung meeting, miners with black lung disease, area churches, aerials of old mining towns and mines, cold water settling ponds, aerials of mobile homes used by families whose homes were destroyed when the Buffalo Creek earthen dam collapsed, nature and a slag heap, rail yard aerial, black miner and part of his family, loaded coal barges, elderly black woman helped by the Mountaineer Family Health Program, disabled and ex-miners, former miner without legs shown with his relatives, in his tavern and

with his family at home; elderly people living in the mining communities, youngsters on railroad tracks, scenes showing decline of coal towns, president of Mountaineer Family Health Program and her family, blind ex-miner walks with wife, woman with water jugs, Tennessee Valley Authority steam plant scenes including coal on barges, conveyor and automated unloading equipment, smokestacks and coal pile; coal continuous loader equipment, scenes from a coal company family picnic including sports, picnic, informal portraits and greased pig contest; mining scenes of Tennessee Consolidated Coal Company including coal shuttle, loader, ceiling inspector, roof bolting machinery and men at work, miners with drill, mine entrance and conveyor belt above ground; Harlan County Kentucky miners, family, homes and strike scenes; scenes of miners being examined and tested at a black lung disease laboratory, coal tippie and nearby housing; miner's wife and children, mine safety devices, four generations of coal mine family, state mine safety contest scenes, scenes of miner, his home and family.

Fiche #237 -- David Hiser -- 0137

Taos, New Mexico

Project includes documentation of construction of houses using empty beer and soft drink cans and recycled paper. Subjects include: tavern beer cans, can litter, can building blocks, single can construction, completed housing, architect, housing in various stages of construction, interior scenes of completed homes.

Fiche #'s 237, 238, 239, 240, 241 -- James H. Pickerell - 0125

Washington, D.C.; New York City; Philadelphia, Pennsylvania; Atlanta, Georgia; Haddonfield, New Jersey; Chicago, Illinois; and rural Virginia.

Project includes: 1. Traffic problems resulting from a bus strike in Washington, D.C.; 2. Amtrak Metroliner passenger train service between Washington, D.C. and New York City; 3. New York City subway system (some images in black and white as well as color); 4. Haddonfield, N.J., dial a ride bus system; 5. Philadelphia, Pa., metropolitan transportation system; 6. Atlanta, Ga., bus system; 7. Amtrak passenger train service between Chicago, Ill., and Washington, D.C.; and 8. Southern Railway track repair crews at work. Subjects include: 1. Washington, D.C., bus strike -- parking by fireplug, traffic jams, jammed intersections, taxis in demand, intersection parking, parking in bus stop, double and triple parking from curb, filled parking garages, meter violations, parking on traffic islands, parked motorcycles, car with ticket, jammed parking lots, crosswalk parking, traffic policemen, driver stalled in traffic, people hitchhiking, parking in "no parking" zones, parking on lawns.

2. Amtrak Metroliner train passenger service between Washington, D.C., and New York City -- passengers in train station, boarding train, people during trip, engineer, train stopped at station at night, ticket agent and customer, train ticket, passengers on platform and train, New York's Grand Central Station snack bar on train at New York's Pennsylvania Station, Philadelphia station scenes and information counter, Friday afternoon passenger line at Philadelphia, train schedule, busy telephone booths, New York state lottery drawing, advertising in New York station, young couple's farewell, Amtrak signs, various passengers and how they pass the time, new car display, lighted Amtrak map, ticket counter.
3. New York City subway (black and white as well as color transparencies) -- passengers boarding subway and waiting on platform, interior of subway cars, studies of passengers in transit, crowded subway cars, platform advertising, magazine stand, line to buy subway tokens, subway token machines, subway car graffiti on interiors and exterior, Long Island commuter trains, passengers on escalators, hamburger stand, subway turnstiles, subway map, token placed in turnstyle and tokens, Grand Central Station.
4. Haddonfield, N.J., dial a ride bus system - family leaves house to board bus, paying fare, bus passengers, driver writes down next passenger pickup, boarding bus, bus drivers and buses, driver and passengers, rush hour zone buses, address sheet, bus advertisement, bus driver in traffic, dispatch center activity.
5. Philadelphia, Pa., metropolitan transportation system - trains, scenes of people on platforms, advertising poster, bus connection, train station, engineer's view from train, engineer at work, commuter parking, passengers board train, telephone booth in use, train downtown, train passengers and conductor, empty train headed for suburbs, train at beginning of day.
6. Atlanta, Ga., bus system-bus in rush hour traffic, passengers in line for bus, boarding bus, fare sign, passengers during transit, commuter fringe parking, buses downtown, bus system information booth, passengers leaving bus at shopping center, bus driver in traffic.
7. Amtrak passenger train service between Chicago, Ill., and Washington, D.C.-passengers beside trains at Chicago station, train station interior, passengers and luggage, trainside farewell, interior train scenes throughout with shots of passengers passing the time, views of countryside, tracks and overhead wires entering cities, dining car, brakeman uncoupling cars, crew changes, train split up, conductors, train tunnel, Amtrak passing freight train, passengers off train in Washington, D.C.

8. Southern Railway track repair crews at work in rural Virginia-taking lunch break, removing and replacing rails and machinery used to do it, welding, positioning rails, candid portraits of men at work, aligning quarter mile rail sections and railroad cars used to carry them, driving spikes, work stops to let train pass, replacing railroad ties, improving roadbed, lifting rails, railroad ties and rails.

Fiche #'s 241, 242, 243, 244 -- Entheos -- 0139

Kitsap County, Washington (near Seattle)

Project includes documentation of government and private land prior to construction of a major Trident submarine base at Bangor Annex on the Hood Canal near Seattle.

Subjects include: various aerials of the navy base and canal with current installations and caption notation of what is expected in the future, trees on base, land around the base including farms, homes, highways and mountains; aerial of Polaris submarine in Puget Sound, navy railroad yard, base construction activity, base dump, wave damaged bulkhead, aerials of waterways, aerials of Bremerton and the navy shipyard, residential areas, aerial of Brownsville, rural homes and farms, horses in pasture, aerials of private marina, aerials of the Central Valley quadrangle bounded by the communities of Tracyton, Illahee, Brownsville and Silverdale showing housing, vegetation and road networks; aerials of Silverdale, scenes near Silverdale where a "new city" is planned, geese on road, family picking watercress in small creek, aerials of the community and residences of Bangor, trees thinned for land development, aerial of Olympic View community, aerial of Bremerton reservoir, scenic aerials of land in the area, scenes of Audubon Society members on a field trip, litter along road, area roads, dead colt at roadside, people waiting for ferry, christmas tree farm, estuary for fish research, strawberry field, dwellings for berry pickers, meeting of local government representatives who make up the Trident technical task force committees, meeting of the Concerned About Trident board members, board members interview people who did research for the environmental impact statement concerning the Trident submarine base.

Fiche #'s 244, 245, 246 -- Patricia Duncan -- 0098

Cottonwood Falls, Atchison, White Cloud, Lake Quivira and Elmdale, Kansas; Doniphan, Wabaunsee and Johnson Counties in Kansas; the Konza Prairie at Manhattan, Kansas; Squaw Creek National Wildlife Refuge, Mound City, Missouri; Grand Island, Nebraska bird sanctuary; Fort Kearny, Nebraska.

Project includes documentation of the natural ecology of the tallgrass prairie, land use pressures on it from people, agriculture and industry; ecology groups meeting to discuss establishment of a prairie national park and to view wildlife, architecture and people in various plains towns. Subjects include: parade spectators and participants, beer drinkers, horses and riders, floats, flag bearer, donkey cart, antique car, covered wagon, politicians, organ player, rodeo grounds, cowboys, mounted police, examples of victorian architecture in Aitchison, Benedictine College, church stained glass window, Episcopal church architecture, limestone Atchison County courthouse and courtroom, plaque commemorating Abraham Lincoln speech, rolling hills, pioneer stone church and cemetery, bridge gate-keeper's gingerbread architecture house, Missouri River and vegetation shots, invader plants in overgrazed prairie, overgrazed prairie and hardwood forest, small loess bluff and seashell, walking stick insect, brick Baptist church, big bluestem tallgrass, barge on river, White Cloud grain elevator, remnant of tallgrass prairie, Indian standing in virgin tallgrass prairie, descendants of slaves, fisherman with homemade carp trap, hardwood forest, Indian petroglyphs, farms, scenes of geese at Squaw Creek National Wildlife Refuge, White Cloud town scenes of outdoor flea market and people pictures, empty old brick house, abandoned farmhouse and water pump, scenes of Tallgrass Prairie National Park conference at Elmdale including Stewart Udall, talks with ranchers, conference folks camping out and Dr. Karl Menninger; Indians at center in White Cloud working on clothing and in authentic dress, White Cloud business and residential areas and auction, undisturbed tallgrass prairie, cornfield, Indian grass closeup, flowers, plants, scenes of White cloud auction of old school items including people pictures, scenes of Audubon Society members on outing to view migratory shore birds at Squaw Creek National Wildlife Refuge in winter, prairie in the Flint Hills region, prairie turned to farmland and pasture, tallgrass and cemetery, railroad and tallgrass, scenes of Konza Prairie summer and winter, prairie invader in winter, prairie ice and snow on tallgrasses, scenes of lesser sandhill cranes at Grand Island bird sanctuary and Audubon Society members, Fort Kearny.

Fiche #'s 247, 248 -- John Alexandrowicz -- 0045

Pittsburgh, Pennsylvania and area

Project includes documentation of environmental problems in the metropolitan area. Emphasis is given to air and water pollution problems caused by industry and efforts to improve the city environment.

Subjects include: various shots of coke plants and pollutants, industry on Monongahela River, downtown street in Clairton, Pa.; evening rush hour traffic, downtown Pittsburgh seen through haze, various Monongahela River pollution pictures, shots of industry outfall into river checked by state and federal employees, various industry outfalls into river, river edge pollution, various shots of renovated Mellon Square in downtown including landscaping, sculpture, pools and people enjoying the area, buildings, family car.

Fiche #'s 249, 250 -- Harry Schaefer -- 0149

Alloy, West Virginia, area

Project is a re-documentation of the Union Carbide ferroalloy plant showing the difference in plant emissions after cleanup following and agreement with the West Virginia Air Pollution Control Commission. The plant was monitored by EPA personnel who took stack samples while developing National New Source Performance Standards. See Fiche #'s 141 through 146 for photos before the complex installed emission controls.

Subjects include: various shots of plant contrast with photographs taken from the same general location before the complex was cleaned up, other general views of the plant site showing relatively few smoke emissions, closeup of smokestacks, power plant equipped with precipitators, cooling towers, ductwork and mist eliminator tanks, ductwork, "bag house" alley, precipitator hoppers, settling pond, "bag house" monitoring equipment, various furnace pictures, smoke escaping, casting operation, stockpiled coal, homes in vicinity of plant, clean outdoor washing, neighborhood adults and children at work and play.

Fiche #250 -- Marc St. Gil -- 0163

Houston, Texas

Two pictures show the Holmes Road incinerator now closed down. The stacks were shown billowing black smoke from burning auto batteries, plastics and other modern municipal trash which it was not designed to handle. It was photographed as part of another project - see Image #3750 on Fiche #63. Complaints of air pollution by residents and teachers at nearby schools resulted in an executive order by the Houston mayor closing the plant.

Fiche #250 -- Charles O'Rear -- 0150

Irvine, Los Angeles area, Upper Newport Bay, Newport Beach and Laguna Beach, California, area.

Project is the beginning of documentation of areas of the southern California coastline, developed and undeveloped. The entire coastline will be affected by the Coastal Zone Conservation Act which allowed six regional commissions authority to regulate development within 1,000 yards of the shoreline. The commissions were to submit a final plan regarding future shoreline development by January, 1976, which then will be acted on by the California legislature. Subjects include: newspaper real estate advertising, housing projects along the coast, tidal flat, youngsters washing horses, future development sites, aerials of Upper Newport Bay showing developed and undeveloped area, surfer, residential development, multi-land highway, flowers, shots of neighborhood at edge of foothills, farmland with housing and foothills, various shots of Upper Newport Bay water, vegetation, marine life, construction stake, hillside development, sunset and shorebird; marina aerial and land development aerials.