

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

Proceedings of the 2nd Vertebrate Pest Control
Conference (1964)

Vertebrate Pest Conference Proceedings collection

March 1964

Second Vertebrate Pest Control Conference: Contents, Schedule, and Participants

Follow this and additional works at: <http://digitalcommons.unl.edu/vpc2>



Part of the [Environmental Health and Protection Commons](#)

"Second Vertebrate Pest Control Conference: Contents, Schedule, and Participants" (1964). *Proceedings of the 2nd Vertebrate Pest Control Conference (1964)*. 1.

<http://digitalcommons.unl.edu/vpc2/1>

This Article is brought to you for free and open access by the Vertebrate Pest Conference Proceedings collection at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Proceedings of the 2nd Vertebrate Pest Control Conference (1964) by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

**SECOND
VERTEBRATE
PEST
CONTROL
CONFERENCE**

MARCH 4 and 5, 1964

ANAHEIM, CALIFORNIA



PROCEEDINGS
SECOND VERTEBRATE PEST CONTROL CONFERENCE

Charter House Hotel
Anaheim, California
March 4 and 5, 1964

1964

Copies of the 1964 Proceedings are available from: Vertebrate Pest Conference, c/o Rex E. Marsh, Department of Animal Physiology, University of California, Davis, California 95616. Price \$3.50 per copy post-paid (foreign countries \$4.00). Price on subsequent printings subject to change without notice. Please make remittance payable to: Vertebrate Pest Conference.

Fourth printing - November 1967

SPONSOR
California Vertebrate Pest Control Technical Committee

GENERAL CHAIRMAN OF CONFERENCE

James W. Koehler
Chief, Weed and Vertebrate Pest Control, California Department of Agriculture,
Sacramento, California

PROGRAM AND PUBLICITY

Maynard W. Cummings, Chairman
Extension Wildlife Management Specialist, University of California, Davis
James W. Koehler
Chief, Weed and Vertebrate Pest Control, California Department of Agriculture,
Sacramento, California
Walter E. Howard
Associate Vertebrate Ecologist, Department of Animal Physiology, University of
California, Davis, California

Keith F. Murray
Senior Vector Control Specialist, Bureau of Vector Control, California
Department of Public Health, Berkeley, California
Richard H. Dana
Vertebrate Pest Control Specialist, California Department of Agriculture,
Sacramento, California

Charles C. Siebe
Vertebrate Pest Control Specialist, Weed and Vertebrate Pest Control,
California Department of Agriculture, Sacramento, California

Adolph Zajanc
Wildlife Research Biologist, Section of Control Methods Research, Fish and
Wildlife Service, U.S.D.I., University of California, Davis, California

S. T. Ancell
Agricultural Commissioner, Tehama County, and President, California County
Agricultural Commissioners Association, Red Bluff, California

Malcolm N. Allison
District Agent, Branch of Predator and Rodent Control, Fish and Wildlife
Service, U.S.D.I., Sacramento, California

ARRANGEMENTS AND LOCAL PUBLICITY

E. A. Dudley, Chairman
Assistant Agricultural Commissioner, Orange County Department of Agriculture,
Anaheim, California

REGISTRATION

Rex E. Marsh, Chairman
District Supervisor, Weed and Vertebrate Pest Control, California Department of
Agriculture, San Jose, California

SESSION CHAIRMEN

S. T. Ancell
Agricultural Commissioner, Tehama County, and President, California County
Agricultural Commissioners Association, Red Bluff, California

Walter W. Dykstra
Assistant Chief, Branch of Wildlife Research, U. S. Bureau of Sport Fisheries
and Wildlife, Washington, D. C.

Clifford C. Presnall
Chief, Branch of Predator and Rodent Control, U. S. Bureau of Sport Fisheries
and Wildlife, Washington, D. C.

Richard H. Dana
Vertebrate Pest Control Specialist, California Department of Agriculture,
Sacramento, California

Maynard W. Cummings
Extension Wildlife Management Specialist, University of California, Davis,
California

CONTENTS

	Page
SPONSORS	ii
REGISTERED ATTENDANCE	v
OPENING REMARKS BY GENERAL CHAIRMAN	
James W. Koehler -----	1
TESTING AND REGISTRATION OF NEW CONTROL MATERIALS	
Donald A. Spencer -----	3
THE ROLE OF INDUSTRY IN DEVELOPING NEW MATERIALS FOR VERTEBRATE PEST CONTROL	
Walter M. Zeck	9
THE ROLE OF PEST CONTROL OPERATORS IN VERTEBRATE PEST CONTROL	
Philip J. Spear -----	16
ANIMAL POPULATION ECOLOGY AND CONTROL FUNDAMENTALS	
Kenneth E. F. Watt	24
STARLINGS IN THE PACIFIC NORTHWEST	
H. Nelson Elliott -----	29
STARLINGS IN CALIFORNIA	
Charles C. Siebe -----	40
METHODS OF CONTROLLING BLACKBIRD DAMAGE TO FIELD CORN IN SOUTH DAKOTA	
John W. De Grazio	43
CHEMICAL BIRD REPELLENTS	
Frederick M. Baumgartner ----- (Paper Not Available)	
SOUND IN VERTEBRATE PEST CONTROL	
Hubert Frings -----	50
THE CONTROL OF VERTEBRATE PROBLEM ANIMALS IN THE PROVINCE OF THE CAPE OF GOOD HOPE, REPUBLIC OF SOUTH AFRICA	
Douglas Hey -----	57
PEST CONTROL METHODS AND PEOPLE	
J. E. Swift	71
HAWAIIAN SUGAR CANE RAT CONTROL METHODS AND PROBLEMS	
William R. Smythe	77
FOREST ANIMAL DAMAGE - RESEARCH AND CONTROL METHODS	
Nelson Kverno -----	81
RABBIT CONTROL	
Warren V. Johnson -----	90

BAIT MIXING EQUIPMENT IN VERTEBRATE PEST CONTROL	
Percy F. Wright -----	97
COMMENSAL RODENTS - ROOF RAT CONTROL IN URBAN AREAS	
Dean H. Ecke	99
BATS, THEIR PUBLIC HEALTH IMPORTANCE AND CONTROL WITH SPECIAL REFERENCE TO TRINIDAD	
Arthur M. Greenhall -----	108
ANIMAL CONTROL IN NEW ZEALAND	
W. E. Howard -----	117
OCCUPATIONAL HAZARDS TO PEST CONTROL OPERATORS WITH SPECIAL REFERENCE TO PESTICIDES	
Irma West	127
ANTIFERTILITY AGENTS IN VERTEBRATE PEST CONTROL	
Donald S. Balser -----	133
DISEASES DERIVED FROM WILDLIFE	
Harald N. Johnson -----	138
THE EVOLUTION OF PLAGUE CONTROL IN CALIFORNIA	
Keith F. Murray	143
HIGHLIGHTS OF BIRD CONTROL RESEARCH IN ENGLAND, FRANCE, HOLLAND, AND GERMANY	
John L. Seubert -----	150
CLOSING REMARKS	
Maynard W. Cummings -----	160

STATES AND COUNTRIES REPRESENTED

More than 225 people attended the Conference. Of the 191 who registered 24.6 per cent were from out of state: Arizona - 2, Colorado - 5, District of Columbia - 4, Florida - 1, Hawaii - 4, Idaho - 1, Maryland - 2, Massachusetts - 1, Minnesota - 1, Nevada - 3, New Jersey - 3, New Mexico - 1, New York - 2, Oklahoma - 1, Oregon - 7, Pennsylvania - 2, South Africa - 1, Utah - 1, Virginia - 1, Washington - 2, West Virginia - 1, Wisconsin - 1.

REGISTERED ATTENDANCE

Ahlefeld, Richard, 2020 W. Maple, Orange, California	Ash, Charles R., Chemagro Corporation, 2957 Wendell Way, Riverside, Calif.
Ahlstrom, A. Warren, U. S. Fish & Wildlife, Sacramento, California	Averell, James L., U. S. Forest Service, San Francisco, California
Alcorn, J. R. Ray, Nevada Predator Rodent Comm., 45 W. Fairview St., Fallon, Nevada	Balser, Donald S., U. S. Fish & Wildlife Service, Denver, Colorado
Allen, Roger W., P. O. Box 127, Santa Barbara, California	Bann, James M., Shell Chemical Co., P. O. Box 211, Torrance, California
Allison, Malcolm N., Bu. Sport Fisheries & Wildlife, Rm. 4100, 650 Capitol Mall, Sacramento, Cali fornia	Bare, Ralph G., State Department of Agriculture, Los Angeles, California
Ancell, Steve T., Agricultural Commissioner, Tehama County, P. O. Box 38, Red Bluff, Calif.	Baumgartner, Frederick M., Oklahoma State University, Stillwater, Oklahoma
Anderson, J. Ozro, Pasadena of Health, 825 N. Michigan Avenue, Pasadena, California	Bell, Donald D., Agricultural Extension Service, Anaheim, California
Anderson, Paul C, University of California, Riverside, California	Birdsall, Roger L., San Bernardino County Department of Agriculture, Rialto, California
Angell, Ed J., Angell Pest Control, P. O. Box 5575, Oildale, California	Bischoff, Arthur, Department of Fish & Game, Sacramento 19, California
Appel, Edward C, Jr., California State Polytechnic College, Pomona, California	Bolton, David Allen, San Bernardino Department of Agriculture, San Bernardino, California
Appel, Wayne F., Orange County Department of Agriculture, Huntington Beach, California	Boudreau, Gordon W., Bio-Sonics Control Co., 4236 East Turney, Phoenix, Arizona
Applegarth, John H., California Poly Technic Institute, San Luis Obispo, California	Boyd, Joseph H., American-Korean Foundation, Inc., Rt. 1, Box 179 Carmel, California

Brock, Elbert Mitja, University of California, Davis, California

Brooks, Joe E., California State Department Public Health, Berkeley, California

Callahan, Robert Z., U. S. Forest Service, Box 245, Berkeley, Calif.

Cameron, Duncan M., c/o USDA Forest Research Center, Susanville, Calif.

Cardello, Joseph, Orange County Flood Control, 33341 Bremerton St., Dana Point, California

Chapman, William E., U. S. Air Force Vandenberg A.F.B., California

Clark, Dell O., California Department of Agriculture, Fresno, California

Clark, Jerry Paul, State Department of Agriculture, Redding, Calif.

Clark, William R., Tulare County Agricultural Commissioner, 214 Peach Dr., Exeter, California

Collins, William Francis, Orange County Health Department, 1114 East Aspen Ave., Santa Ana, Calif.

Conley, George S., Gordon Termite Control, 755 Groveton Ave., San Dimas, California

Cook, Joseph B., Los Angeles County Agriculture Department, 11568 E. Keith Dr., Whittier, California

Crawford, Clay, Fish & Wildlife Service, Boise, Idaho

Crowell, Gilbert C, Holly Sugar Corp., Brawley, California

Cummings, Maynard W., University of California, Davis, California

Cummings, Robert H., California Chemical Co., Ortho Div., Richmond, California

Daehnert, Ray H., Allied Chemical Corp., 12352 Charloma Dr., Tustin, California

Dana, Richard H., State Department of Agriculture, Sacramento, Calif.

Dasmann, William P., U. S. Forest Service, San Francisco, California

Davis, Andrew F., University of California, Riverside, California

Dean, D. W., U. S. Department of Agriculture, San Francisco, Calif.

De Grazio, John W., Bu. of Sport Fisheries and Wildlife, Denver Wildlife Research Center, Denver 25, Colorado

DeVoy, Robert J., The Irvine Co., Box 37, Irvine, California

Dickey, Donald C, Oregon Rodent Control Outfitters, Box 361, Eugene, Oregon

Dimock, Edward J., U. S. Forest Service, Olympia, Washington

Dion, Joseph P., San Diego County Department of Agriculture, Escondido, California

Dolch, Lee E., San Bernardino County Department of Agriculture, Victorville, California

Dotta, Daniel, California Division of Forestry, Sacramento, California

Downing, Clarence Allen, Agricultural Extension Service, El Centro, Calif.

Dudley, E. A. "Si¹¹", Orange County Department of Agriculture, Anaheim, California

Duffy, Philip A., San Mateo County Department Public Health, San Mateo, California

Dykstra, Walter W., U. S. Fish & Wildlife Service, Washington 25, D. C,

Ecke, Dean H., Santa Clara County Health Department, San Jose, Calif.

Eddy, Robert E., Public Works Department, Santa Ana, California

Elliott, Nelson, U. S. Bureau of Sport Fisheries & Wildlife, Portland, Oregon

Ellis, Dr. Hal, Consulting Engineer, P. O. Box 257, Encino, Calif.

Elston, Rue R., The Elston Co., Inc., 815 E. 79th St., Minneapolis, Minn.

Engler, Paul B., Los Angeles Agricultural Commissioners Office, Pasadena, California

Erdie, R. D., 410 Ogeden Ave., Fairmont, West Virginia

Eskafi, Fred M., Agricultural Extension Service, Blythe, Calif.

Faulkner, Clarence E., U. S. Fish & Wildlife Service, Boston 11, Massachusetts

Field, Spencer D., San Diego County Department of Agriculture, La Mesa, California

Fitzwater, William D., U. S. Fish & Wildlife Service, Albuquerque, New Mexico

Ford, Homer S., Bu. of Sport Fisheries & Wildlife, Reno, Nevada

Foulkes, David L., Post Engineer, Oakland Army Terminal, Oakland, California

Frings, Hubert W., University of Hawaii, Honolulu, Hawaii

Gates, James R., Orange County Health Department, Santa Ana, Calif.

Gillen, Paul Lewis, El Toro Pest Control, 1625 W. Washington, Santa Ana, California

Gillespie, Billy B., Hydrex Pest Control Association, 5234 Laurel Canyon Blvd., N. Hollywood, Calif.

Glenn, Stuart, Fullerton Junior College, Fullerton, California

Golden, John Edward, Sacramento County Deputy Agricultural Commissioner, P. O. Box 567, Isleton, California

Gordon, Arthur L., Gordon Termite Control, Inc., 1208 Camelia Dr., Alhambra, California

Greenhall, Arthur M., (U. S. Fish & Wildlife Service, Washington, D. C.

Gross, Bert, State Department of Health, Honolulu, Hawaii

Grothaus, Roger H-, U. S. Navy Disease Vector Control Center, Alameda, Calif.

Grun, Rudolf, Amchem Products, Inc., Ambler, Pennsylvania

Haas, Charles W., CAD, Inc., P. O. Box 1186, Reno, Nevada

Hanson, Charles A., Hostachem Corp., 11312 Hart land, N. Hollywood, Calif.

Hanson, Clifford Lloyd, Orange County Health Department, Santa Ana, Calif.

Hanson, Walter O., U. S. Forest Service, McLean, Virginia

Harnett, James D., Orange County Department of Agriculture, Orange, California

Hart, John F., Assistant Agricultural Commissioner, Eureka, California

Hayes, Frank E., Stanislaus County Department of Agriculture, Oakdale, California

Heacox, Burgess W., California State Department of Parks and Recreation, Sacramento 19, California

Hein, Ronald F., State Department of Fish & Game, Chino, California

Hey, Douglas, Cape Provincial Administration, Department of Nature Conservation, P. O. Box 659, Cape Town, South Africa

Hicks, Hamilton J., d-con Co., 1450 Broadway, New York 18, New York

Hill, Wesley G., Los Angeles Agricultural Commissioner, 8202 So. Arrington Ave., Pico Rivera, California

Howard, Walter E., University of California, Davis, California

Howell, Robert G., Los Angeles County Agricultural Commissioner, 6864 Beckford Ave., Reseda, Calif.

Johnson, Arthur H., Orange County Department of Agriculture, Box 663, San Juan Capistrano, Calif.

Johnson, Harald N., Rockefeller Foundation, P. O. Box 429, Berkeley 1, California

Johnson, James M., Orange County Agricultural Commissioner, 1010 S. Harbor Blvd., Anaheim, California

Johnson, Morris L., San Diego County Department of Agriculture, Vista, California

Johnson, Warren V., State Department of Agriculture, Fresno, California

Justus, Charles H., Yolo County Department of Agriculture, Woodland, California

Kalmbach, Edwin R., 1601 Mariposa Avenue, Boulder, Colorado

Kimball, Jack H., Orange County Mosquito Abatement District, P. O. Box 87, Santa Ana, California

Kitasaki, Kiyoshi, U. S. Borax Res. Corp., 412 Crescent Way, Anaheim, Calif.

Koch, Ralph M., Los Angeles County Department of Charities, Downey, Calif.

Koehler, James W., Department of Agriculture, Sacramento, California

Kuhn, Lee W., Oregon State University, Corvallis, Oregon

Kverno, Nelson B., Bureau of Sport Fisheries & Wildlife, Wheatridge, Colorado

Lambart, Eric C, 3114 E. Cheery Lynn Road, Phoenix, Arizona

Lemmon, Allen B., State Department of Agriculture, Sacramento, California

Levingston, Paul E., Department of Agriculture, Los Angeles, California

Luetger, Nichoel Ralph, 12252 E. 192nd, Fullerton Junior College, Artesia, California

Lyman, Willard E., Orange County Department of Agriculture, Midway City, California

Lyndall, Rex C, Merced County Agricultural Commissioner, 740 W. 22nd St., Merced, California

McFarlane N. L., Agricultural Extension Service, Riverside, Calif.

McGlothlen, Verne Gordon, San Luis Obispo County Department of Agriculture, 285 Hacienda Ave., San Luis Obispo, California

Mahoney, Austin E., P. O. Box 1809, Stockton, California

Marsh, Rex E., State Department of Agriculture, San Jose, California

Maynard, Dick P., State Health Department, Bu. Vector Control, Berkeley, California

Meek, Vincent, Holly Sugar,
Tustin, California

Merrill, H. A., U. S. Fish & Wildlife
Service, Riverside, California

Miller, Ben, California Health
Department, Los Angeles, California

Murray, Keith F., State Health
Department, Bu. of Vector Control,
Berkeley, California

Norden, Howard P., Electrepel, Inc.,
491 Bergen St., Brooklyn 17, N. Y.

Olsen, Peter F., University of Utah,
Dugway, Utah

O'Meara, Eugene K., Santa Cruz County
Department of Agriculture, 829
Virginia St., Watsonville, Calif.

Papke, Clifford C, American Cyanamid
Co., Rt. 2, Box 110-H, Fallbrook,
California

Patrick, W. K., Orange County
Department of Agriculture, P. O.
Box 1463, Costa Mesa, California

Paul, Robert M., Department of
Interior, Washington, D. C.

Petersen, Don A., Agricultural
Extension Service, Merced, Calif.

Peterson, George D., Jr., Agricultural
Extension Service, El Centro, Calif.

Pinigis, Edwin J., Commonwealth
Sanitation Co., 3567 Bigelow Blvd.,
Pittsburgh 13, Pennsylvania

Pintaudi, Ross Angelo, San
Bernardino County Department of
Agriculture, Fontana, Calif.

Pisano, Rocci, San Jose State
College, San Jose, California

Pope, Robert L., Orange County
Department of Agriculture, 9232
Blanche Ave., Garden Grove, Calif.

Prasil, Richard G., U. S. National
Park Service, San Francisco, Calif.

Pratt, Cecil E., Deputy Agricultural
Commissioner, San Bernardino County
Department of Agriculture, San-
Bernardino, California

Presnall, Clifford C, Bureau of
Sport Fisheries & Wildlife,
Washington, D. C.

Prochaska, Robert Gary, San
Bernardino County Department of
Public Health, 316 Mt. View Ave.,
San Bernardino, California

Pryor, Alton J., California Farmer
Magazine, 4008 Mt. Vernon Avenue,
Riverside, California

Radwan, M. A., U. S. Forest Service,
Olympia, Washington

Rinder, Raymond W., San Diego County
Department of Agriculture, 7963 San
Carlos Dr., San Diego, Calif.

Roberts, Don Raoul, State Health
Department, Bu. Vector Control,
Bakersfield, California

Robinson, Weldon B., Bu. of Sport
Fisheries & Wildlife, Denver, Colorado

Roest, Aryan I., Calif. State
Polytechnic College, San Luis Obispo,
California

Rohe, Donald L., California State
Department of Public Health, Los
Angeles, California

Schall, John L., Ventura County
Department of Agriculture, Santa
Paula, California

Scott, Thomas G., Oregon State
University, Corvallis, Oregon

Seapy, John W., Orange County
Department of Agriculture, 1253 Pearl
Street, Anaheim, California

Seubert, John L., U. S. Department of the- interior. Laurel, Maryland

Shanafelt, John G., Orange County Mosquito Abatement, P. O. Box 87, Santa Ana, California

Shaw, Donald H., Santa Cruz County Department of Agriculture, 22 Blake Road, Watsonville, Calif.

Siebe, Charles C., State Department of Agriculture, Sacramento, Calif.

Smoyer, Kenneth M., Agricultural Extension Service, Los Angeles, California

Smythe, William Ralph, Ex. Sta. Hawaiian Sugar Planters Association, Honolulu, Hawaii

Spear, Philip J., National Pest Control Association, 250 W. Jersey Street, Elizabeth, New Jersey

Spencer, Donald A., USDA -Pesticides Regulation Div., 13508 Sherwood Forest Terrace, Silver Spring, Maryland

Sprock, C; Merle, University of California, Davis, California

Stark, Frank L., American Cyanamid Co., Agricultural Division, Box 400, Princeton, New Jersey

Stein, Harold S., Jr., Crane Pest Control, 2700 Geary Blvd., San Francisco, California

Steinweden, John B., California State Department of Agriculture, Los Angeles, California

Stewart, Glenn R., California State Polytechnic College, Pomona, Calif.

Stickney, Judson R., San Bernardino County Department of Agriculture, Barstow, California

Stockton, Jim, Kern County Department of Agriculture, Bakersfield, California

Swift, John L., University of California, Berkeley, California

Switzenberg, Marv J., San Joaquin County Department of Agriculture, Stockton, California

Szijj, Dr. Laszlo J., California State Polytechnic College, Pomona, Calif.

Talbert, Rollo E., State Department of Agriculture, Redding, California

Teague, Richard David, University of California, Davis, California

Thomas, Arlo, Southwest Division, Bureau of Yards & Dock, San Diego, California

Thomas, Richard W., Montgomery Pest Control, Inc., 830 Reina del Mar, Pacifica, California

Tos, Leland P., Kings County Department of Agriculture, 10585 Excelsior Ave., Hanford, California

Uhlarik, John, NeoChem Products Co., Inc., 6028 No. Kent, Milwkie 17, Wisconsin

Van Brackle, Richard D., University of California, Riverside, California

Van Brocklin, Harold R., Contra Costa Department of Agriculture, Walnut Creek, California

Van DeVanter, Gordon L., California State Polytechnic College, San Luis Obispo, California

Walker, John R., California State Department of Public Health, Berkeley, California

Watt, Kenneth E. Ferguson, University of California, Davis, California

Wendt, Lauren B., Los Angeles County Agricultural Commissioners Office, 44814 Trevor, Lancaster, California

West, Irma, State Department of Public Health, Berkeley, California

West, John W., Orange County Health
Department, 382 E. 22nd Street,
Newport Beach, California

West, Raymond M., U. S. Forest
Service, Portland, Oregon

Wetherbee, Frank A., U. S. Fish &
Wildlife Service, Gait, California

Wheeler, Charles M., Department of
Health, Honokaa, Hawaii

Whitworth, Roy J., Vandenberg A.F.B.,
1028 Sumac Street, California

Wick, William Q., Oregon State
University, P.O. Box 401,
Tillamook, Oregon

Williams, Delyn E., Orange County
Livestock Disease Control Officer,
14421 Wilson St., Westminster, Calif.

Willmarth, Frank J., Riverside
County Agricultural Commissioners
Office, 4060 Orange Street,
Riverside, California

Wilson, Walter LeRoy, San Bernardino
County Department of Agriculture, 566
Lugo Avenue, San Bernardino,
California

Witt, Ronald, 2621 Whitney Drive,
Alhambra, California

Wolff, Kenneth L., Los Angeles
County Department of Agriculture,
808 North Spring Street, Los
Angeles, California

Worthy, Merle J., San Bernardino
County Department of Agriculture,
Adams Street, Chino, Calif.

Wright, Percy F., Agricultural
Commissioner, 3215 Nielsen Road,
Santa Rosa, California

Young, Wayne A., c/o Oregon Rodent
Control Outfitters, Box 361,
Eugene, Oregon

Zajanc, Adolph, U. S. Fish &
Wildlife Service, University of
California, Davis, California

Zeck, Walter M., Vero Beach Labs,
Inc., P. O. Box 2288, Vero Beach,
Florida