



# DEPARTMENT OF THE INTERIOR

## INFORMATION SERVICE

FISH AND WILDLIFE SERVICE

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### F.W.S. EXPANDS FLYWAY BIOLOGIST STAFF

In an effort "to improve its management of the country's migratory game bird resources," the Fish and Wildlife Service today announced the expansion of its flyway biologist staff from four to eleven. Dr. Clarence Cottam, Acting Director, said that the biologists will be assigned to definite districts within North America's four continental flyways.

Until this month, four flyway biologists, each covering an entire flyway, were responsible for obtaining the data required for Federal waterfowl management and conservation.

In the southeastern and northwestern states, where migratory marsh and upland game birds present special problems, two biologists have been assigned to supplement the work of waterfowl specialists. The Service also plans to assign an airplane to each of the flyways.

The flyway biologists will: survey breeding grounds; determine the effect of predation, hunting, and disease on game bird populations; inventory the wintering and nesting populations; study agricultural practices which affect game bird production; and will evaluate population trends during the hunting and migration seasons.

In securing the data needed for the establishment of sound Federal hunting regulations, the Fish and Wildlife Service flyway biologists cooperate with state game departments, Dominion and provincial game departments in Canada, and with private conservation groups.

The activities are supervised by Cecil S. Williams, chief of the Section of Waterfowl Management Investigations in the Service's Branch of Wildlife Research.

Flyway biologists, their districts, and their assigned territories are as follows:

#### ATLANTIC FLYWAY

##### Waterfowl

1. C. E. Addy, Newburyport or Boston, Mass. District: Quebec and the Maritime Provinces, Canada; Maine, New Hampshire, Vermont, Massachusetts, New York, Connecticut, Rhode Island, Pennsylvania, West Virginia, Maryland, New Jersey, Delaware, Virginia.

2. Biologist as yet unappointed, Atlanta, Ga. District: North Carolina, South Carolina, Georgia, Florida, and the West Indies.

Migratory marsh and upland game birds

1. Harold Peters, Charleston, S. C. District: Maryland, Virginia, Kentucky, Arkansas, Tennessee, North Carolina, South Carolina, Georgia, Alabama, Florida, Mississippi, Louisiana.

MISSISSIPPI FLYWAY

Waterfowl

1. Arthur S. Hawkins, Minneapolis, Minn. District: Ontario and Manitoba, Canada; Ohio, Minnesota, Iowa, Missouri, Wisconsin, Illinois, Michigan, Indiana.

2. John J. Lynch, Abbeville, La. District: Louisiana, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Texas.

CENTRAL FLYWAY

Waterfowl

1. Jerome Stoudt, Aberdeen, S. D. District: Saskatchewan, Canada; North Dakota, South Dakota, Nebraska, Kansas, Oklahoma.

2. George Saunders, Denver, Colo. District: Mexico, Guatemala, Costa Rica, British Honduras, El Salvador, Panama, Columbia, Venezuela.

3. Allen Smith, Brigham, Utah. District: Alberta, Canada; Montana, Wyoming, Colorado, New Mexico.

PACIFIC FLYWAY

Waterfowl

1. Hortin Jensen, Brigham, Utah. District: Idaho, Nevada, Utah, Arizona.

2. Robert H. Smith, Sacramento, Cal. District: British Columbia, Yukon, and Northwest Territories, Canada; Washington, Oregon, California.

Migratory marsh and upland game birds

1. Stanley Jewett, Portland, Oregon. District: British Columbia, Canada; Washington, Oregon, Montana, Idaho, California, Nevada.

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