

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SHORT NOTE TRANSMITTAL

4/30/87
(Date)

TO : Signi
FROM : Kocher
SUBJECT:

Here is a copy of the letter I submitted to the Council through Lew. It should give you an idea of what the workshop is about. I have also included some background material which should help you. I gave you the proposed program schedule.

If you need anything else let me know.

Nulv

8:20 a.m.

"THE NATURAL BREEDING PERFORMANCE OF THE
PEREGRINE FALCON IN NEW MEXICO, 1979-1985"

*Roger W. Skaggs
Glenwood, New Mexico

Terrell H. Johnson
Los Alamos, New Mexico

Katherine E. Skaggs
Glenwood, New Mexico

John P. Hubbard
New Mexico Department of Game and Fish

8:35 a.m.

"PEREGRINE FALCON EGGSHELL CONDITION IN NEW
MEXICO, 1979-1985"

David A. Ponton
Los Alamos National Laboratory

Terrell H. Johnson
Los Alamos, New Mexico

Roger W. Skaggs
Glenwood, New Mexico

8:50 a.m.

"ORGANOCHLORINE RESIDUES IN THE PREY OF
PEREGRINE FALCONS BREEDING IN NEW MEXICO"

John P. Hubbard and C. Gregory Schmitt
New Mexico Department of Game and Fish

*where multiple authors are listed, presenter is
underlined.

9:05 a.m.

"TURNOVER AND MOVEMENT OF NEW MEXICO PEREGRINE
FALCONS IDENTIFIED BY PLUMAGE"

Terrell H. Johnson
Los Alamos, New Mexico

9:20 a.m.

"PAST, PRESENT, AND FUTURE PEREGRINE FALCON
POPULATION ESTIMATES IN ARIZONA: A HABITAT
INVENTORY APPROACH"

David H. Ellis
U.S. Fish and Wildlife Service

Richard L. Glinski
Arizona Game and Fish Department

Dwight G. Smith
Southern Connecticut State University

9:35 a.m.

"BREEDING BIOLOGY OF AN URBAN POPULATION OF
MISSISSIPPI KITES IN NEW MEXICO"

Antonio L. Gennaro
Eastern New Mexico University

9:50 a.m.

BREAK

Session Chairperson: R. Roy Johnson
National Park Service

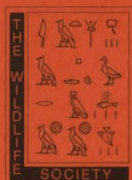
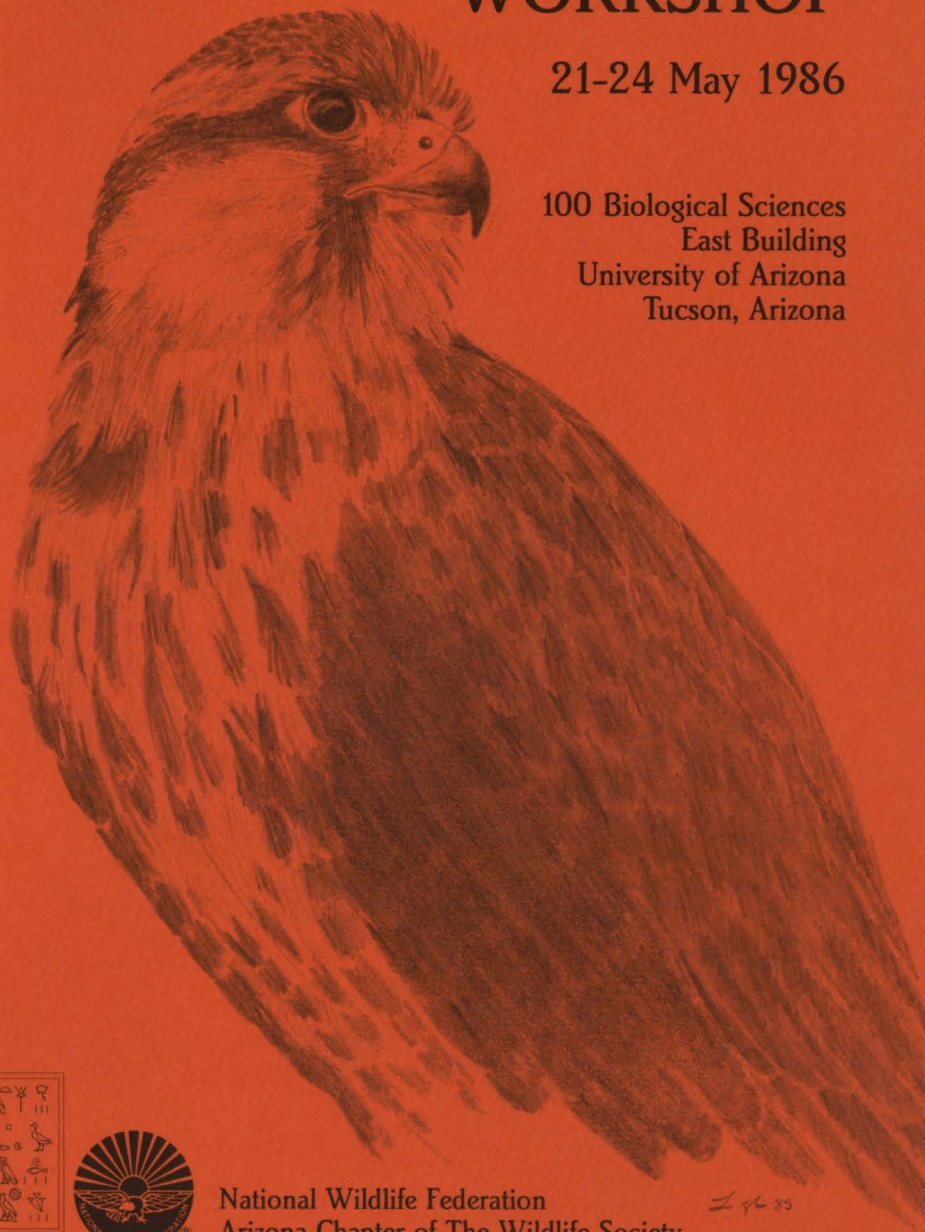
10:10 a.m.

"EFFECTS OF RESERVOIR HABITAT CHANGES ON
WINTERING BALD EAGLES ON COCHITI LAKE, NORTHERN
NEW MEXICO"

SOUTHWEST RAPTOR MANAGEMENT SYMPOSIUM AND WORKSHOP

21-24 May 1986

100 Biological Sciences
East Building
University of Arizona
Tucson, Arizona



National Wildlife Federation
Arizona Chapter of The Wildlife Society

L. G. 85

**SOUTHWEST RAPTOR MANAGEMENT
SYMPOSIUM AND WORKSHOP**

21 - 24 May 1986

**University of Arizona
Biological Sciences East Building, Rm. 100
Tucson, Arizona**

Coordination Committee

Brian A. Millsap, National Wildlife Federation
William Kepner, U.S. Fish and Wildlife Service
Beth Giron Pendleton, National Wildlife Federation
Bruce Jones, U.S. Bureau of Land Management

Program Committee

Stephen W. Hoffman, Chairman
U.S. Fish and Wildlife Service
E. Leon Fisher, U.S. Forest Service
Thomas A. Gatz, U.S. Bureau of Reclamation
John P. Hubbard, New Mexico Department
of Game and Fish
William Kepner, U.S. Fish and Wildlife Service

Arrangements

William Mannan, Chairman
University of Arizona

Publication Committee

Beth Giron Pendleton, National Wildlife Federation
Richard L. Glinski, Arizona Game and Fish Department

**SOUTHWEST RAPTOR MANAGEMENT
SYMPOSIUM AND WORKSHOP
PROGRAM**

Wednesday, May 21, 1986

7:15 a.m. - 8:30 a.m.

10:15 a.m. - 10:45 a.m.

noon - 1:00 p.m.

**REGISTRATION - Biological Sciences East
Building, adjacent to Rm. 100
(Final Registration, Thursday,
May 22, 7:00 a.m. - 8:00 a.m.)**

SESSION 1 - Introduction

**Biological Sciences East Building,
Rm. 100**

8:30 a.m.

**INTRODUCTORY REMARKS
Maurice N. LeFranc, Jr.
National Wildlife Federation**

8:35 a.m.

**WELCOME
R. Frank Gregg, Dean
School of Renewable Natural Resources
University of Arizona**

8:45 a.m.

KEYNOTE ADDRESS
"ONE-HALF CENTURY OF RAPTOR REMINISCING"
Walter R. Spofford, II
Portal, Arizona
(Introduced by Richard L. Glinski
Arizona Game and Fish Department)

9:15 a.m.

"OVERVIEW OF SOUTHWESTERN RAPTOR HABITATS"
David E. Brown
Arizona Game and Fish Department

**SESSION 2 - Agency Presentations: Goals, Objectives
and Priorities**
Biological Sciences East Building,
Rm. 100

Session Chairperson: Terry B. Johnson
Arizona Game and Fish
Department

9:45 a.m.

Michael J. Spear, Regional Director
U.S. Fish and Wildlife Service

10:00 a.m.

Bud D. Bristow, Director
Arizona Game and Fish Department

10:15 a.m.

BREAK

REGISTRATION, adjacent to Rm. 100

10:45 a.m.

D. Dean Bibbes, Arizona State Director
U.S. Bureau of Land Management

11:00 a.m.

Harold F. Olson, Director
New Mexico Department of Game and Fish

11:15 a.m.

Charles W. Luscher, New Mexico State Director
U.S. Bureau of Land Management

11:30 a.m.

Sotero Muniz, Regional Forester
U.S. Forest Service

11:45 a.m.

*R. Roy Johnson, Senior Research Scientist
Milton C. Kolipinski, Biologist
National Park Service

12:00 noon

LUNCH

REGISTRATION, adjacent to Rm. 100

Wednesday, May 21, 1986

SESSION 3 - Species Status Reports

Biological Sciences East Building,
Rm. 100

Session Chairperson: Michael N. Kochert
U.S. Bureau of Land Management

* where multiple authors are listed, presenter is underlined.

1:00 p.m.

GRAY HAWK

Richard L. Glinski

Arizona Game and Fish Department

1:15 p.m.

BLACK HAWK

*Jay H. Schnell

Willcox, Arizona

Richard L. Glinski

Arizona Game and Fish Department

Helen A. Snyder

Ojai, California

1:30 p.m.

ZONE-TAILED HAWK

Helen A. Snyder

Ojai, California

Richard L. Glinski

Arizona Game and Fish Department

1:45 p.m.

BALD EAGLE

David E. Busch

U.S. Bureau of Reclamation

2:05 p.m.

MISSISSIPPI KITE

Richard L. Glinski

Arizona Game and Fish Department

* where multiple authors are listed, presenter is underlined.

Antonio L. Gennaro
Eastern New Mexico University

2:20 p.m.

HARRIS' HAWK
James C. Bednarz
University of New Mexico

James W. Dawson
University of Arizona

Wayne H. Whaley
Brigham Young University

2:35 p.m.

CRESTED CARACARA
David H. Ellis
U.S. Fish and Wildlife Service

Dwight G. Smith
Southern Connecticut State University

Wayne H. Whaley
Brigham Young University

2:50 p.m.

BREAK

Session Chairperson: Stephen W. Hoffman
U.S. Fish and Wildlife Service

3:10 p.m.

SPOTTED OWL
Joseph L. Ganey
Northern Arizona University

Jennifer A. Johnson
Los Alamos, New Mexico

3:25 p.m.

ELF AND FERRUGINOUS PYGMY OWL

Brian A. Millsap
Florida Game and Fresh Water Fish Commission

3:45 p.m.

WHITE-TAILED HAWK

Mark Kopeny
Caesar Kleberg Wildlife Institute
Texas A & I University

4:00 p.m.

BLACK-SHOULDERED KITE

Thomas A. Gatz
U.S. Bureau of Reclamation

Dana L. Base
Oklahoma Department of Wildlife Conservation

Arnold S. Moorhouse
Douglas, Arizona

Jack D. Tyler
Cameron University
Lawton, Oklahoma

Bruce C. Thompson
Texas Parks and Wildlife Department

4:15 p.m.

FERRUGINOUS HAWK

Robert S. Hall
U.S. Bureau of Land Management

Richard L. Glinski
Arizona Game and Fish Department

4:30 p.m.

SWAINSON'S HAWK
James C. Bednarz
University of New Mexico

4:45 p.m.

OSPREY
T. Robert Vahle
U.S. Forest Service

Norris L. Dodd
Arizona Game and Fish Department

Sandy Nagiller
U.S. Forest Service

John Caid
White Mountain Apache Game and Fish Department

E. Leon Fisher
U.S. Forest Service

5:00 p.m.

PEREGRINE FALCON
Roger W. Skaggs
Glenwood, New Mexico

David H. Ellis
U.S. Fish and Wildlife Service

Terrell H. Johnson
Los Alamos, New Mexico

W. Grainger Hunt
Biosystems Analysis, Inc.

Devorah Sharp
Forks, Washington

Bonnie R. McKinney
Alpine, Texas

7:00-10:00 p.m. No-host bar and poster session
Plaza Hotel, main lounge

Thursday, May 22, 1986

7:00 - 8:00 a.m.

REGISTRATION - Biological Sciences East
Building, adjacent to Rm. 100

SESSION 4 - Biology and Management
Biological Sciences East Building,
Rm. 100

Session Chairperson: James C. Bednarz
University of New Mexico

8:00 a.m.

"THE ROLE OF RANGELAND DEGRADATION AND PESTICIDE
CONTAMINATION IN THE DECLINE OF THE APLOMADO
FALCON IN THE UNITED STATES"

Dean P. Hector
University of California, Los Angeles

Terrell H. Johnson
Los Alamos, New Mexico

10:25 a.m.

"MID-WINTER AERIAL SURVEYS OF BALD EAGLES IN NEW MEXICO"

John P. Hubbard, William H. Baltosser and
C. Gregory Schmitt
New Mexico Department of Game and Fish

10:40 a.m.

"IDENTIFICATION OF INDIVIDUAL BALD EAGLES USING SOUND SPECTROGRAPHIC ANALYSIS OF VOCALIZATIONS"

Wade L. Eakle and R. William Mannan
School of Renewable Natural Resources
University of Arizona

10:55 a.m.

"SURVEY TECHNIQUES, PRODUCTIVITY, AND POPULATION STATUS FOR BREEDING BALD EAGLES IN ARIZONA, 1975-1985"

Larry A. Forbis
U.S. Forest Service

11:10 a.m.

"HABITAT USE OF RAPTORS WINTERING IN SOUTH-CENTRAL NEW MEXICO"

Bryan A. Kimsey
New Mexico State University

11:25 a.m.

"AN ANALYSIS OF VEHICULAR COUNTS OF ROADSIDE RAPTORS IN NEW MEXICO"

John P. Hubbard
New Mexico Department of Game and Fish

John W. Shipman
Socorro, New Mexico

Sartor O. Williams, III

11:45 a.m.

"REHABILITATED RAPTORS: RESULTS OF EIGHT YEARS
OF BANDING"

Kathryn A. Ingram
Liberty Wildlife Rehabilitation Foundation
Phoenix, Arizona

12:00 noon

LUNCH

Session Chairperson: John P. Hubbard
New Mexico Department of Game
and Fish

1:00 p.m.

"CHARACTERISTICS OF GOSHAWK NESTING STANDS"
D. Coleman Crocker-Bedford and Barbara Chaney
U.S. Forest Service

1:15 p.m.

"NEST SITE CHARACTERISTICS OF NORTHERN GOSHAWKS
AND COOPER'S HAWKS IN NEW MEXICO"
Patricia L. Kennedy
Utah State University

1:30 p.m.

"ECOLOGY AND BREEDING BEHAVIOR OF THE WHITE-
TAILED HAWK ON THE NORTHERN COASTAL PRAIRIES OF
TEXAS"

C. Craig Farquhar and Keith A. Arnold
Texas A & M University

1:45 p.m.

"CURRENT AND POTENTIAL RAPTOR MANAGEMENT ON
MILITARY INSTALLATIONS"

Allan R. Pfister
Department of the Army

2:00 p.m.

"BREEDING STATUS OF THE SWAINSON'S HAWK IN
SOUTHEASTERN NEW MEXICO"

James C. Bednarz
University of New Mexico

Stephen W. Hoffman
U.S. Fish and Wildlife Service

2:15 p.m.

"SMALL NESTING RAPTORS AS INDICATORS OF CHANGE
IN THE DESERT SOUTHWEST"

Elaine E. Johnson-Duncan, Douglas K. Duncan, and
R. Roy Johnson
National Park Service, University of Arizona

2:30 p.m.

"PARABUTEO UNICINCTUS SUBSPECIES: IS SUPERIOR
BIGGER (OR BETTER) THAN HARRISI?"

James C. Bednarz
University of New Mexico

2:45 p.m.

BREAK

Session Chairperson: Richard L. Knight
University of Washington

3:15 p.m.

"HOME RANGE CHANGES IN RESIDENT BIRDS OF PREY
EXPOSED TO INCREASED HUMAN ACTIVITY LEVELS IN
SOUTHEASTERN COLORADO"

David E. Andersen, Orrin J. Rongstad
University of Wisconsin

William R. Mytton
U.S. Fish and Wildlife Service

3:30 p.m.

"PRAIRIE FALCON PRODUCTIVITY IN RELATION TO
HUMAN DISTURBANCE IN THE MOJAVE DESERT,
CALIFORNIA"

Douglas A. Boyce, Jr.
Brigham Young University

3:45 p.m.

"RESPONSES OF BREEDING PEREGRINE FALCONS TO
HUMAN STIMULI"

Terrell H. Johnson
Los Alamos, New Mexico

4:00 p.m.

"EXTENT AND CONTROL OF AGGRESSIVE BEHAVIOR OF
MISSISSIPPI KITES TOWARDS HUMANS"

Antonio L. Gennaro
Eastern New Mexico University

4:15 p.m.

"GUNNISON'S PRAIRIE DOG IS AN IMPORTANT PREY
SPECIES FOR MIGRATING FERRUGINOUS HAWKS, GOLDEN
EAGLES, AND BALD EAGLES"

Jack F. Cully, Jr.
University of New Mexico

4:30 p.m.

"RANGELAND USE BY RED-TAILED HAWKS AND AMERICAN
KESTRELS IN RELATION TO RANGE CONDITIONS"

Jane Anderson Rice and Norman S. Smith
Arizona Cooperative Wildlife Research Unit
University of Arizona

4:45 p.m.

"REESTABLISHMENT OF THE HARRIS' HAWK ALONG THE
LOWER COLORADO RIVER"

Glenn R. Stewart and Brian J. Walton
Ventura Wilderness Sanctuary

5:00 p.m.

"AMATEUR RADIO SERVICE AS A LONG-RANGE WILDLIFE
TRACKING TOOL"

Robert Benson
Texas A & M University

Erin Williams
Beaumont, Texas

Thursday, May 22, 1986

7:30-9:30 p.m.

RAPTOR SURVEY TECHNIQUES WORKSHOP
Biological Sciences East Building, Rm. 100

Brian A. Millsap
Florida Game and Fresh Water Fish Commission

Joseph L. Ganey
Northern Arizona University

Michael N. Kochert
U.S. Bureau of Land Management

Stephen W. Hoffman
U.S. Fish and Wildlife Service

Richard L. Glinski
Arizona Game and Fish Department

Friday, May 23, 1986

SESSION 5 - Impacts and Mitigation
Biological Sciences East Building,
Rm. 100

Session Chairperson: David Renwald
U.S. Bureau of Land Management

8:00 a.m.

MINING

James M. Ramakka
U.S. Bureau of Land Management

8:15 a.m.

ROADS

Richard L. Wadleigh
U.S. Forest Service

8:30 a.m.

WATER PROJECTS

James E. Burton
Arizona Game and Fish Department

8:45 a.m.

GRAZING

*Michael N. Kochert

U.S. Bureau of Land Management

Brian A. Millsap

Florida Game and Fresh Water Fish Commission

Karen Steenhof

U.S. Bureau of Land Management

9:05 a.m.

TIMBER HARVEST

Richard L. Wadleigh

U.S. Forest Service

9:25 a.m.

FIRE MANAGEMENT

Norris L. Dodd

Arizona Game and Fish Department

9:40 a.m.

BREAK

Session Chairperson: Bruce C. Thompson

Texas Parks and Wildlife
Department

10:10 a.m.

LAND OWNERSHIP AND EXCHANGES

Lester K. Rosenkrance

U.S. Bureau of Land Management

* where multiple authors are listed, presenter is underlined.

10:25 a.m.

CONTAMINANTS

Brian W. Cain

U.S. Fish and Wildlife Service

10:45 a.m.

AGRICULTURAL EXPANSION AND URBANIZATION

Robert D. Ohmart

Center for Environmental Studies

Arizona State University

11:05 a.m.

RECREATION

Richard L. Knight and Susan K. Knight

University of Washington

11:25 a.m.

AIRCRAFT

David H. Ellis

U.S. Fish and Wildlife Service

Terrell H. Johnson

Los Alamos, New Mexico

Dwight G. Smith

Southern Connecticut State University

11:55 a.m.

LUNCH

1:00-5:00 p.m.

WORKSHOP

Discussions of priority issues, species and habitats relative to the above impacts and southwestern raptor populations

7:30-9:00 p.m.

RAPTOR IDENTIFICATION WORKSHOP
Biological Sciences East Building, Rm. 100
Stephen W. Hoffman
U.S. Fish and Wildlife Service

Saturday, May 24, 1986

FIELD TRIPS

Arivaca Creek and Buenos Aires National Wildlife
Refuge

7:00 a.m. - Leave Tucson
4:00 p.m. - Return Tucson

Bring: hat, sunscreen, binoculars, water

Arivaca Creek: 8:00 - 10:00 a.m.

Habitat: riparian deciduous woodland.

Bird Species: gray hawk, zone-tailed hawk, rose-throated becard, thick-billed kingbird, vermilion and brown-crested flycatchers, phainopepla, Abert's towhee, Lucy's warbler, pyrrhuloxia, varied bunting.

Tour Leader: Richard L. Glinski

Buenos Aires Ranch: 10:30 a.m. - 1:30 p.m.

Habitat: desert grassland

Bird Species: Swainson's hawk, black-shouldered kite, scaled quail, grassland sparrows.

Participants will tour this new refuge, visit masked bobwhite quail re-introduction facilities, and learn about efforts to re-establish masked bobwhites in the U.S.

Tour Leader: Stephen W. Hoffman

Arizona-Sonora Desert Museum

8:00 a.m. - Leave Tucson

2:00 p.m. - Return Tucson

Visit the Desert Museum located 14 miles west of Tucson. Learn about the flora and fauna found in Arizona, Sonora, Baja California, and Baja Mexico. Features naturalistic displays, tortoise enclosure, walk-in-aviary, earth sciences center, desert garden and much more. Tour will be provided. Indoor-outdoor snack bar on museum grounds. Admission: \$6 - adults, \$1 - children 6 - 12.

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FIELD TRIP PREREGISTRATION FORM

We need your help! In order to best accommodate your choice of field trip (see program agenda for 24 May for complete description of trips) and arrange for transportation, please fill in the form below and mail it to : **William Mannan, School of Renewable Natural Resources, 214 Biological Sciences East Building, University of Arizona, Tucson, AZ 85721** by 15 May 1986. Thank you!

Name: _____ Telephone: _____

Address: _____

City: _____ State: _____ Zip: _____

Please check field trip choice:

_____ Arivaca Creek and Buenos Aires Ranch, 24 May 1986 _____ Arizona-Sonora Desert Museum, 24 May 1986

_____ I will provide transportation _____ I will require transportation



**SOUTHWEST
RAPTOR
MANAGEMENT
SYMPOSIUM AND
WORKSHOP**

IWR 123

REGISTRATION FORM

Registration cost per person: \$55.00 (includes sessions, workshops, social, coffee breaks, and a copy of the symposium proceedings)

Make checks payable to: Arizona Chapter of The Wildlife Society.

Return the registration form to:
William Mannan, School of Renewable Natural Resources, 214 Biological Sciences East Bldg., University of Arizona, Tucson, AZ 85721

Name: _____

Organization: _____

Telephone: _____

Address: _____

City: _____

State: _____ Zip: _____

COOPERATORS

National Wildlife Federation
Arizona Chapter of The Wildlife Society
Arizona Game and Fish Department
New Mexico Department of Game and Fish
New Mexico Chapter of The Wildlife Society
University of Arizona
U.S. Bureau of Indian Affairs
U.S. Bureau of Land Management
U.S. Bureau of Reclamation
U.S. Department of Energy
U.S. Department of Defense
U.S. Fish and Wildlife Service
U.S. Forest Service
Texas Parks and Wildlife Department

NATIONAL WILDLIFE FEDERATION

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