

Nineteenth  
American  
Game  
Conference

*Auspices of the*

AMERICAN GAME  
ASSOCIATION

NATIONAL HEADQUARTERS  
INVESTMENT BUILDING, WASHINGTON, D. C.



—●—  
November 28, 29 and 30, 1932

—●—  
HOTEL PENNSYLVANIA  
New York City

—●—  
Conference Sessions Will Begin Promptly  
at the Hour Designated.



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# Officers of the Conference

## *Chairman*

DAVID H. MADSEN, Utah

## *Vice Chairmen*

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HOYES LLOYD, Canada

ALDO LEOPOLD, Wisconsin

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P. S. LOVEJOY

W. J. TUCKER

I. T. QUINN

DR. H. C. BRYANT

SETH GORDON

SAM G. ANDERSON

S. B. LOCKE

## Conference Progress

The American Game Conference began as a National Conference on Game Breeding on March 1, 1915. It was later changed to the National Game Conference, then to its present name more fully to express its international character.

The Conference is an open forum where all who are interested in North America's wild-life resources have an equal voice, and is an annual clearing house for the latest ideas and developments.

The general wild-life restoration movement has benefited greatly through these annual gatherings, and there is every reason to hope that the Conference will continue to fill a place of constantly growing importance.

A few of the progress milestones are:

Extensive game breeding has become generally established in North America.

The movement for federal laws to protect migratory fish, advanced by the 7th Conference.

The value of wild-life research became generally recognized when the 10th Conference launched the grouse study.

The American Sportsmen's Platform, a declaration of legislative and administrative principles, adopted by the 11th Conference.

A National Policy for Wild-Life Conservation and Restoration, adopted by the 15th Conference.

The American Game Policy, drafted by leaders from various organizations, adopted by the 17th Conference.

Many other meritorious proposals and policies were initiated or advanced by action of the several Conferences.



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# Research Program

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DR. ARTHUR A. ALLEN, *Cornell University, Chairman*

**Monday, November 28, 1932, 10:00 A. M.**

Introductory remarks by the Chairman.....DR. A. A. ALLEN

1. Game Research in Ohio.....E. L. WICKLIFF  
*Chief, Scientific Research, Division of Conservation,  
Columbus, Ohio.*
2. Iowa's Wild-Life Research Program  
DR. PAUL ERRINGTON  
*Professor of Wild-Life Research,  
Iowa State College, Ames, Iowa.*
3. Game Bird Research at the W. K. Kellogg  
Bird Sanctuary.....DR. MILES D. PIRNIE  
*Sanctuary Director, Michigan State College,  
Battle Creek, Mich.*
4. Pheasant Rearing by the Open Range  
System .....PROF. H. M. WIGHT  
*Asst. Professor Forest Zoology, University of Michigan,  
Ann Arbor, Mich.*
5. The Work of the Cooperative Quail  
Study Association.....HERBERT L. STODDARD  
*Thomasville, Georgia.*
6. The Ruffed Grouse Survey.....DR. GARDINER BUMP  
*Supt. Bureau of Game, N. Y. Conservation Dept.,  
Albany, N. Y.*
7. New Mexico's Scaled Quail Study..ELLIOTT S. BARKER  
*State Game Warden, Sante Fe, New Mexico.*
8. Progress Report of the Woodcock  
Study .....DR. O. S. PETTINGILL  
*Laboratory of Ornithology, Cornell University,  
Ithaca, N. Y.*
9. The Sage Hen Situation and Its Needs.....S. B. LOCKE  
*Conservation Director, Izaak Walton League, Chicago, Ill.*
10. The Eel Grass Situation on the  
Atlantic Coast.....DR. HARRISON LEWIS  
*National Parks Branch, Dept. of the Interior, Ottawa, Canada.*
11. Disease as a Factor in Wild-Life  
Administration.....DR. J. E. SHILLINGER  
*In Charge Disease Investigations, U. S. Biological Survey,  
Washington, D. C.*
12. Some Important Problems in Game  
Bird Pathology.....DR. E. C. O'ROKE  
*School of Forestry and Conservation, University of Michigan,  
Ann Arbor, Mich.*
13. Relation of Disease to Wild-Life  
Cycles..... DR. R. G. GREEN, DR. J. E. SHILLINGER  
*University of Minnesota, Minneapolis, Minn., and U. S.  
Biological Survey, Washington, D. C.*
14. A Report on an Epidemic Disease in  
Ruffed Grouse ..... DR. P. P. LEVINE  
*Pathologist, N. Y. State Veterinary College, Ithaca, N. Y.*
15. Methods for Appraising the Abundance of Game  
Species Over Large Areas.....H. D. RUHL  
*Game Division, Michigan Dept. of Conservation, Lansing, Mich.*
16. The Environmental Requirements of  
California Valley Quail .....E. L. SUMNER  
*Museum of Vertebrate Zoology, Berkeley, California*
17. Management Recommendations for the Increase  
of Pheasants in Ohio.....L. E. HICKS  
*Dept. of Botany, Ohio State University, Columbus, O.*

## Night Session

The evening of November 28 will be devoted to showing some unusually fine selected wild-life motion pictures in the General Conference Room (The Sallé Moderne) of the Hotel Pennsylvania. The session will begin at 8:15 P. M. Everybody is invited.



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# Game Breeding Program

Monday, November 28, 1932, 10:00 A. M.

Selection of Chairman and Opening Remarks.

1. Rearing Pheasant by Incubators and Brooders.....W. H. COMSTOCK  
*Michigan State College, East Lansing, Michigan.*  
AUGUST BADE, *Supt. State Game Farms, Yountville, California.*  
DOUGLAS MARSHALL, *Head Gamekeeper, Caumsett, Huntington, L. I.*  
LESTER G. MACNAMARA, *Game Conservation Institute, Clinton, N. J.*
2. Recent Developments in Breeding  
Bob-White Quail.....C. O. HANDLEY  
*Supt. of Game Propagation, Dept. of Game and Inland Fisheries, Richmond, Va.*  
MARVIN O. POYNER, *Supt. State Quail Farm, Middle Island, L. I., New York.*
3. The Shooting Preserve as an Outlet for Game Farm Output.....OTTO BEYER  
*Portage, Wisconsin.*  
ALDO LEOPOLD, *Game Survey Expert, Madison, Wis.*  
C. S. BEDELL, *Sec. North American Game Breeders Asso., New York City.*
4. Attitude of the States Toward Commercial Game Breeders.....WM. C. ADAMS  
*Director, Div. of Fish and Game, N. Y. Cons. Dept., Albany, N. Y.*  
H. J. BURLINGTON, *Pres. N. J. State Fish and Game Commission, Trenton, N. J.*  
S. W. KESLER, *Sec. United Game Breeders and Gamekeepers of America, Chalfont, Pa.*
5. An American Standard of Perfection for Game Birds.....ARTHUR L. CLARK  
*Supt. State Board of Fisheries and Game, Hartford, Conn.*
6. The Price Situation and Its Effect.....SELWYN W. KESLER  
*Sec., United Game Breeders and Gamekeepers of America, Chalfont, Pa.*
7. Breeding Ruffed Grouse in Captivity..DR. A. A. ALLEN  
*Professor of Ornithology, Cornell University, Ithaca, N. Y.*  
GARDINER BUMP, *Supt. Bureau of Game, N. Y. Cons. Dept., Albany, N. Y.*  
W. F. GRIMMER, *Supt. Game Div., Wisconsin Cons. Dept., Madison, Wis.*  
DONALD TURRILL, *Rolling Rock Club, Laughlinton, Pa.*
8. Rearing Prairie Chickens in Captivity..W. F. GRIMMER  
*Supt. Game Division, Wisconsin Cons. Dept., Madison, Wis.*
9. Recent Breeding Developments at the Game Conservation Institute.....LESTER G. MACNAMARA  
*Game Conservation Institute, Clinton, N. J.*
10. The Oregon Holding Pen Idea.....GENE SIMPSON  
*Supt. Division of Game, Oregon State Game Commission, Portland, Ore.*
11. Rearing Cottontail Rabbits for Restocking Purposes.....CHAS. A. HILLER  
*In Charge Game Propagation, Penna. Game Commission, Harrisburg, Pa.*  
JAMES W. STUBER, *Ohio Division of Conservation, Columbus, Ohio.*
12. Disease Prevention and Control DR. J. E. SHILLINGER  
*In Charge of Disease Investigations, U. S. Biological Survey, Washington, D. C.*  
DR. L. C. MORLEY, *U. S. Biol. Survey, Richmond, Va.*  
DR. P. P. LEVINE, *Pathologist, N. Y. State Veterinary College, Ithaca, N. Y.*
13. The Ohio State Coon Farm.....JAMES W. STUBER  
*Bureau of Education, Conservation Division, Columbus, Ohio.*
14. The Practical Value of Stocking Mallard Ducks.....WM. VANDERGRIFT  
*Supt. Montcalm Farms, Phoenixville, Pa.*
15. Biological Problems Confronting Wild Turkey Propagation in Missouri .....HAROLD BLAKEY  
*Game Bird Investigator, Game and Fish Dept., Jefferson City, Mo.*



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# General Conference Program

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Tuesday, November 29, 1932

## Morning Session

9:30 A. M.

Address of the Chairman.....DAVID H. MADSEN  
*Supervisor of Wild Life, U. S. National Park Service,  
Salt Lake City, Utah.*

Announcement of Conference Committees

Announcement of Conference Rules

## General Discussion Topics

1. Keeping Conservation Funds Intact.....I. T. QUINN  
*State Game and Fish Commissioner, Montgomery, Ala.*

COL. J. W. HARRELSON, *Director, Dept. of Conservation  
and Development, Raleigh, N. C.*

2. Are Public Shooting Grounds a Success?

ERNEST E. HARWOOD

*Exec. Sec., Pennsylvania Game Commission, Harrisburg, Pa.*

NEWELL B. COOK, *State Fish and Game Commis-  
sioner, Salt Lake City, Utah.*

WM. C. ADAMS, *Director, Div. of Fish and Game,  
N. Y. Cons. Dept., Albany, N. Y.*

ARTHUR L. CLARK, *Supt., State Board of Fisheries  
and Game, Hartford, Conn.*

3. Shooting Preserves That Benefit the

Public.....W. F. GRIMMER

*Supt., Game Division, Wisconsin Conservation Dept.,  
Madison, Wis.*

THOMAS MACCLURE, *Exec. Sec., Mich. Div. Izaak  
Walton League, Lansing, Mich.*

4. How to Provide Public Fishing Waters

RAYMOND J. KENNEY

*Director, Div. of Fisheries and Game, Dept. of Conservation,  
Boston, Mass.*

WM. J. TUCKER, *Exec. Sec., Game, Fish and Oyster  
Commission, Austin, Tex.*

OLIVER M. DEIBLER, *State Fish Commissioner, Har-  
risburg, Pa.*

ROLAND G. PARVIN, *State Game and Fish Commis-  
sioner, Denver, Colo.*

5. The Technique of Improving Our Fishing

Waters DRs. CARL L. HUBBS and JOHN R. GREELEY

*Institute for Fisheries Research, Univ. of Mich., Ann Arbor, Mich.*

HENRY O'MALLEY, *Commissioner, U. S. Bureau of  
Fisheries, Washington, D. C.*

EDWARD R. HEWITT, *Author, New York City.*

6. Management of Our Deer Herds.....E. A. GOLDMAN

*Biologist, U. S. Biological Survey, Washington, D. C.*

ADOLF MULLER, *Pres., Pennsylvania Game Commis-  
sion, Norristown, Pa.*

H. D. RUHL, *Game Division, Mich. Cons. Dept.,  
Lansing, Mich.*



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Afternoon Session

2:00 P. M.

Game Policy Symposium

7. Results from the American Game Policy.....ALDO LEOPOLD  
*Chairman, American Game Policy Committee, Madison, Wis.*
8. Economy in Conservation Planning  
JACOB L. CRANE, JR.  
*Consulting Engineer, Chicago, Illinois*
9. The Need for Educated Man Power  
L. W. T. WALLER, JR.  
*Meadowbrook, Pa.*  
DR. GARDINER BUMP, *Supt., Bureau of Game, N. Y. Cons. Dept., Albany, N. Y.*  
DR. H. R. HUNT, *Dept. of Zoology, Mich. State College, E. Lansing, Mich.*  
ALDO LEOPOLD, *Game Survey Expert, Madison, Wis.*
10. Experiments in Upland Game Bird Management.....HERBERT L. STODDARD  
*National Quail Expert, Thomasville, Georgia.*  
PROF. H. M. WIGHT, *University of Michigan, Ann Arbor, Mich.*  
WILLIAM SCHUENKE, *Supt. of Game, Iowa Fish and Game Commission, Des Moines, Ia.*
11. The Farmer's Side of the Game Problem.....CHESTER GRAY  
*Washington Representative, American Farm Bureau Federation, Washington, D. C.*  
ARTHUR F. FORAN, *V. P. and Gen. Mgr., More Game Birds Foundation, New York City.*  
SAM G. ANDERSON, *Pres., Minn. Game Protective League, Hutchinson, Minn.*

Wednesday, November 30, 1932

Morning Session

9:30 A. M.

General Discussion Topics

12. The Game Situation in the West. PAUL G. REDINGTON  
*Chief, U. S. Biological Survey, Washington, D. C.*  
C. E. RACHFORD  
*In Charge Range Management, U. S. Forest Service, Wash., D. C.*  
HORACE M. ALBRIGHT  
*Director, National Park Service, Washington, D. C.*  
ERNEST MILLER, *Sec., Dude Ranchers' Asso., Ennis, Mont.*  
OTTOMAR VAN NORDEN, *Former Chairman Elk Commission, New York City.*  
JOHN T. SCOTT, *Pres., Wyoming Game and Fish Commission, Casper, Wyo.*  
HARRY MCGUIRE, *Editor, Outdoor Life, Mt. Morris, Illinois.*  
ELLIOTT S. BARKER, *State Game Warden, Santa Fe, New Mexico.*



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13. Development of Waste Lands for Game....S. B. LOCKE  
*Conservation Director, Izaak Walton League, Chicago, Ill.*  
 P. S. LOVEJOY, *Game Division, Michigan Cons. Dept.,*  
*Lansing, Mich.*
14. The Future in National Conservation  
 Affairs.....HON. HARRY B. HAWES  
*U. S. Senator, St. Louis, Missouri.*
15. Conservation Measures Before  
 Congress.....HON. FREDERIC C. WALCOTT  
*Chairman, Special Senate Committee on Wild Life Resources,*  
*Norfolk, Conn.*
16. The Survival of Liberated Quail..CHARLES O. HANDLEY  
*Supt. Game Propagation, Virginia Game and Inland Fisheries*  
*Commission, Richmond, Va.*
17. Will Cat License Laws Save Wild  
 Life?.....J. M. LOUGHBOROUGH  
*Gen. Mgr., International Cat Society, New York City.*

### Afternoon Session

2:00 P. M.

### Waterfowl Symposium

18. The Waterfowl Trend.....HOYES LLOYD  
*Supervisor Wild Life Protection, Interior Dept. of Canada,*  
*Ottawa, Canada.*  
 DR. W. B. BELL, *Division of Biological Investiga-*  
*tions, U. S. Biol. Sur., Washington, D. C.*  
 WM. D. STEWART, *Director, Div. of Fish and Game,*  
*Minnesota Cons. Dept., St. Paul, Minn.*
19. The Dam Campaign in the Prairie  
 States.....OSCAR H. JOHNSON and D. W. LOUCKS  
*Director of Game and Fish, and Engineer, State Game and*  
*Fish Commission, Pierre, South Dakota.*  
 BURNIE MAUREK, *Game and Fish Commissioner of*  
*North Dakota, Bismarck, N. Dakota.*  
 JOHN N. BALL, *American Game Association, Madi-*  
*son, Wis.*
20. The Eel Grass Situation on the  
 Atlantic Coast.....DR. HARRISON F. LEWIS  
*National Parks of Canada, Interior Dept., Ottawa, Canada.*
21. The Marsh Owner and the Duck  
 Supply.....DR. JOHN C. PHILLIPS  
*President, Massachusetts Fish and Game Protective Association,*  
*Wenham, Mass.*  
 STANLEY D. MCGRAW, *Bear River Club of Utah,*  
*New York City.*  
 CHARLES S. MCVEIGH, *Princess Anne Club of Vir-*  
*ginia, New York City.*
22. The Fallacy of Refuges Without Man-  
 agement.....THOMAS H. BECK  
*Chairman, State Board of Fisheries and Game, Hartford, Conn.*  
 A. E. BENICE, *K. C., Pres., Saskatchewan Fish and*  
*Game League, Saskatoon, Canada.*  
 PETER J. VAN HUIZEN, *Blackwater Refuge, U. S.*  
*Biol. Survey, Cambridge, Md.*