MSU Extension Publication Archive

Archive copy of publication, do not use for current recommendations. Up-to-date information about many topics can be obtained from your local Extension office.

Project III Birds – Exploring Avian Problems Michigan State University Cooperative Extension Service 4-H Club Bulletin N.A. Issued N.D. 54 pages

The PDF file was provided courtesy of the Michigan State University Library

Scroll down to view the publication.

4-H BULLETIN 134.2C
WILDLIFE CONSERVATION SERIES

PROJECT III



BIRDS

EXPLORING AVIAN PROBLEMS

MICHIGAN STATE UNIVERSITY

Cooperative Extension Service

4-H-Youth Programs

PROJECT III

EXPLORING AVIAN PROBLEMS

A third year club member should have gained enough knowledge of birds that he can start to draw conclusions as to the relationships of birds to their environment. Basic ideas should lead the member into projects of individual studies. These projects could concern bird ecology (relationships of plants and animals to each other) behavioral studies, territoriality of birds, and many other interesting aspects of bird life. These activities can be carried out in addition to the third year work sheets.

SUGGESTED ACTIVITIES

Basic Requirements:

- Select a problem for exploration identify your method of approach, record your data, and make a report of your findings; (For example, Explore the Problem of DDT);
- 2. Learn about "game birds" and their value to recreation;
- 3. Develop knowledgeable understanding of the "harvest concept;"
- 4. Complete 25 bird study work sheets for species representing 10 or more avian groups;
- 5. Member evaluation with leader.

Electives:

- 1. Make an inventory of the "game birds" in your community;
- Plant food and cover for birds and other wildlife. Make a map, drawing, or exhibit of your "bird habitat improvement area."
- 3. Develop an educational (individual or club) exhibit on "bird ecology," "avian problems," or "habitat improvement."

Your Conservation Leader can help with needed reference materials. For further assistance ask your leader or club representative to contact your Extension 4-H - Youth Agent.....or write to Extension Conservation Education, Project Leader, 9B Natural Resources Bldg., M.S.U., East Lansing 48823.

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	Manie
	County
	Club Name
	WORK SHEET - BIRDS III
	Common Name:
	Arrian Gyoun.
	Avian Group:
Coloration:	Spring and Fall
	Male:
	Female:
	2 CHRALD •
	Immature:
	Timite offi e .
Dolotionabia	to Mon.
Relationship	to Man:
	Beneficial:
	Detrimental:
Relationship	s with plant and other animal forms:
Economics: 1	Management:
Behavioral Ch	naracteristics: social, solitary nesters, gregarious migrants, etc.
TO SEE THE OF SEE TO	

Name	
County	
Club Name	

Selected Problem:	
Conclusion and Summary:	
oorozeozor wife seminary.	

Name	
County	
Club Name	
TTT	
	_

	Club Name
	WORK SHEET - BIRDS III
	Common Name:
	Avian Group:
Coloration:	Spring and Fall
	Male:
	Female:
	Immature:
Relationship	to Man:
	Beneficial:
	Detrimental:
Relationship	s with plant and other animal forms:
Economics:	Management:
Behavioral C	haracteristics: social, solitary nesters, gregarious migrants, etc

0-6351

Name	the state of the s
County	
Club Name_	

Selected Problem:	
Delegated Problem.	
Materials and Methods:	
Data:	
Discussion:	
DIBORDION.	
Conclusion and Summary:	
oonorder and odminory.	

	Name	
	County	
	Club Name	
	WORK SHEET - BIRDS III	
	Common Name:	
	Avian Group:	
Coloration:	Spring and Fall	
	Male:	
	Mare.	
	Female:	
	- <u></u>	
	Training from the	
	Immature:	
Relationship	to Man:	
	Beneficial:	
	Detrimental:	
Relationships	s with plant and other animal forms:	
Trouble to the state of the sta	NEW PROOF OF COLOR OF THE PROOF	
Economics: N	Management:	
		1455
Behavioral Ch	haracteristics: social, solitary nesters, gregarious mi	grants, etc.

Name	
County	
Club Name	

Selected Problem:	
Materials and Methods:	
Data:	
Discussion:	
Conclusion and Cummanus	
Conclusion and Summary:	

Name_			
Count	y		
Club	Name		

	Club Name
	WORK SHEET - BIRDS III
	Common Name:
	Avian Group:
Coloration:	Spring and Fall
	Male:
	Hemsle:
	Immature:
Relationship	o to Man:
	Beneficial:
	Detrimental:
and the state of t	
Relationship	os with plant and other animal forms:
Economics:	WORK SHEET - BIRDS III Common Name: Avian Group: Avian Group: Tion: Spring and Fall Male: Female: Immature: Denship to Man: Beneficial:
Pohoniana 1 C	The weathers attions and all colliness weathers are a second as a simulation of
Denavioral C	maracoeristics: social, solitary nesters, gregarious migrants, etc.

Name				_
County				_
Club N	ame			

Selected Problem:	to the same of
Materials and Methods:	
Data:	
Discussion:	
Conclusion and Summary:	

			TA CHILLY		
			Coun	ty	
				Name	
			52211111		
		WORK SHEET -	BIRDS III		
		Common Name:			
		Avian Group:			
Coloration:	Spring and	Fall			
	Male:				
	Female:				
	Immature:_				
	J				
Relationship	to Men.				
TOTA OTO TO TO THE					
	Beneficial	:			
	That are and a	14			
	Detrimenta.	1:			
	-				
Relationshir	s with plant	t and other anima	l forms:		
() () () () () () () () () ()					
Reonanies:	Management.				
notionit of	montred contents :				
Dalantiama I C	In a way at a wife a bit	ios: posici1	itame vantaus	avogentous et	manta ata
pena,viora,i C	maracter18t	ics: social, sol	ruary Hesters	, gregarious mig	ranus, euc.

Name.				
Count	ty			
Club	Name_			

Selected Problem:		
DOLLOGOU LIGHTON		
Materials and Methods:		
Data:		
Discussion:		
	- la so della ha	
Conclusion and Summary:		

	Name
	County
	Club Name
	O TROUBE
	WORK SHEET - BIRDS III
	WOLK OTHER - DIADO III
	Commercial World Commercial Comme
	Common Name:
	Avian Group:
Coloration:	Spring and Fall
	M-7
	Male:
	Female:
	Immature:
Relationship	to Man:
	Panadinial:
	Beneficial:
	Detrimental:
Relationship	s with plant and other animal forms:
Economica:	Management:
ECONOMICS.	Managemento.
Behavioral C	haracteristics: social, solitary nesters, gregarious migrants, etc.

Name		
County		
Club Name		

Selected Problem:	
Conclusion and Cumpure	
Conclusion and Summary:	

				Name			_
				County			
				2100			
		MODE CHEEN	BIDDO I	TT			
,		WORK SHEET -	DIVID I	7.1			
		Common Name:					
		Avian Group:					
Coloration:	Spring and	Fall					
00101001011							
	Male:						
	Female:						-
	N						
	20						
	Immature:_						-
tro tro per decretore	Er West						
Relationship	to Man:						
	Beneficial	:					
	Detrimenta	1:					_
Relationship	s with plan	t and other anim	nal forms:				
	-						
Economics:	Management:						
						To File Inc.	
	-						-
	<u> </u>						
			***	Section and			
Behavioral C	haracterist.	ics: social, so	olitary ne	sters, gre	garious n	ngrants, et	c.

Name	
County	
Club Name	

Selected Problem:
potossed travitari
Materials and Methods:
TAGOLIALD GLIG TEGRACO .
Data:
Daya.
Discussion:
DIBORDSTOIL.
Conclusion and Summary:
AND THE PROPERTY OF THE PARTY O

	Name	
	County	
	Club Name	
	MADY COMPANY DEBDG TIT	
	WORK SHEET - BIRDS III	
38	Common Name:	
	Avian Group:	
200		
Coloration:	Spring and Fall	
	Male:	
	Female:	
	Immature:	
Relationship	p to Man:	
	The second of th	
	Beneficial:	_
	Detrimental:	
Relationship	ps with plant and other animal forms:	
Economics:	Management:	
Debe to 7 0		2
Benavioral C	Characteristics: social, solitary nesters, gregarious migrants, et	C.

Name.				
Count	ty		-11	
Club	Name_			

Selected Problem:	
Materials and Methods:	
Data:	
Discussion:	
Conclusion and Summary:	

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Name	
County	
Club Name	

Selected Problem:	
Materials and Methods:	
200002 2 3 3 3 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Data:	
Discussion:	
Conclusion and Summary:	

Name	
County	
Club Name	
III	

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: Avian Group:_____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: Avian Group:_____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: Avian Group:_____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: _____ Avian Group:_____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(5)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: _____ Avian Group:_____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(2)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: _____ Avian Group:_____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(2)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: _____ Avian Group:____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:
Materials and Methods:
Data:
Discussion:
PIBOUBBION.
Conclusion and Summary:
CONTOLINATION OF THE PRINCE OF

	(2)
Name	
County	
Club Name	
III	
	<u> </u>

Common Name: _____ Avian Group:____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:	
Materials and Methods:	
200002 2 3 3 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Data:	
Discussion:	
Conclusion and Summary:	

Name	
County	
Club Name	
III	

Common Name: _____ Avian Group:____ Coloration: Spring and Fall Male: _____ Female: _____ Immature: Relationship to Man: Beneficial: Detrimental:____ Relationships with plant and other animal forms: Economics: Management: Behavioral Characteristics: social, solitary nesters, gregarious migrants, etc.

Name	
County	
Club Name	

Selected Problem:	
Materials and Methods:	
200002 2 3 3 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Data:	
Discussion:	
Conclusion and Summary:	