Dear Iowa Ornithologist:

Enclosed are your instructional materials and reporting forms for the Iowa Breeding Bird Atlas.

Please familiarize yourself with them; if you have questions call or write a member of the Steering Committee or a Regional Coordinator.

Included are:

- The instruction manual, containing information on how to survey an Atlas Block, and how to report the data you gather.
- Data reporting forms of several kinds: the Atlas Checklist, nest cards, documentation forms, and special sighting reports. Use of these is described in the manual.
- 3. A list of Atlas Blocks to be surveyed.
- 4. A list of Atlas Participants.

## How to procede:

 Choose an Atlas Block. These are 3x3 miles in size and are located in the southeast corner of every other township. Townships chosen have either an even township number and an even range number, or an odd township and an odd range number. Blocks chosen in this way are called standard blocks.

A number of 'priority' blocks have also been chosen because they contain significant natural areas or habitats. When a township contains both a standard block and a 'priority' block the standard block has been deleted from the list of blocks to be surveyed.

Report your choice of blocks to Mike Newlon, 408 Wales St., Iowa City IA 52240.

- Survey your block for its breeding birds according to the instructions.
- 3. Send your observations to your regional coordinator (if one exists) or to David Newhouse, Wildlife Research Station, RR 1, Boone, IA, 50036, by September 15.

Thank your for your help with the Atlas,

Atlas Steering Committee

SPECIES	AOU#	QB	PO	PR	CO	DATE, NOTES
KENTUCKY WARBLER	677.					
COMMON YELLOWTHROAT	681.					
*HOODED WARBLER	684.	_		_		
*YELLOW-BREASTED CHAT	683.					
SUMMER TANAGER	610.					
SCARLET TANAGER	608.					10 million
NORTHERN CARDINAL	593.					
ROSE-BREASTED GROSBEAK						
BLUE GROSBEAK	597.					
INDIGO BUNTING		_	_		_	
DICKCISSEL	604.					
CHIPPING SPARROW	_ 560.					
*CLAY-COLORED SPARROW	561.					
FIELD SPARROW	_ 563.					-
VESPER SPARROW	540.	_	_			
LARK SPARROW	_ 552.					
SAVANNAH SPARROW	542.					
GRASSHOPPER SPARROW	546.				_	
"HENSLOW'S SPARROW	547.	_	_	_	_	
SONG SPARROW	581.					
SWAMP SPARROW		_				
BOBOL 1 NK	494.	_				
RED-WINGED BLACKBIRD						
EASTERN MEADOWLARK	501.		-			
		-		-		
WESTERN MEADOWLARK	_ 501.1					
YELLOW-HEADED BLACKBIRD_	_ 497.		_			
"GREAT-TAILED GRACKLE						
COMMON GRACKLE						
BROWN-HEADED COWBIRD	_ 495.		-	-	_	
ORCHARD ORIOLE	506.				_	
NORTHERN ORIOLE	507.					
**PINE SISKIN	533.					
AMERICAN GOLDFINCH	529.	_			_	
HOUSE SPARROW	688.2	_				
DTHER:		_		_		
			-	-	-	
					-	
the second second second second second					-	
		-		-	-	
					_	

\* = Special sighting report requested to increase knowledge of this species.

\*\* = Documentation form required to support this important record.

BREEDING CODE DEFINITIONS

OB - OBSERVED

- 0 Species (male or female) Observed in a block during the breeding season, but no evidence of breeding observed.
- PO POSSIBLE
- H Species (male or female) observed in suitable nesting Habitat during its breeding season.
- X Less than 7 singing male(s) present in suitable nesting habitat during the breeding season.

PR - PROBABLE

- P Pair observed in suitable nesting habitat during its breeding season.
  T Permanent Territory presumed through defense (e.g., chasing of other birds, or song or display at the same location on at least 2 occasions a week or more apart).
- C Courtship behavior or Copulation observed.
- N Visiting of probable Nest site.
- A Agitated behavior or Anxiety calls from adult(s).
- B Nest Building by wrens or excavation of holes by woodpeckers. (NOTE: nest construction by other species falls under the "Confirmed - NB" category.)
- M 7 or more Males singing in suitable nesting habitat during the breeding season

CO - CONFIRMED

- NB Nest Building by all species except wrens and woodpeckers.
- PE Physiological Evidence of breeding: brood patch or egg in oviduct
- (based on bird in hand).
- DD Distraction Display or injury feigning by adult.
- UN Used Nest or eggshells found. CAUTION: These must be carefully identified if the record is to be accepted.
- FL Recently Fledged Young (of altricial species) incapable of sustained flight,\* or downy young (of precoclar species) restricted to the natal area by dependence on adults or by limited mobility.
- ON Occupied Nest: Adults entering or leaving nest (includes high nests or nest holes, the contents of which cannot be seen) OR adult incubating or brooding.
- AY Attending Young: Adult carrying fecal sac or food for young, or feeding\* recently fledged young.
- NE Nest with Egg(s)\*
- NY Nest with Young seen or heard."

 Presence of COWBIRD eggs or young is confirmation for BOTH cowbird AND host species.

## IOWA BREEDING BIRD ATLAS

LOCATION:				
	TOWNSHIP _	N	RANGE	E/W
	QUADRANT _		SECTIONS	
DATE	HOURS	LOC	ATION / OBSER	VERS
BRIE	F COMMENTS	ON HABITAT	IN THIS BLOCK	
•				
REPORTER:				
ADDRESS:		-		
CITY:			STATE :	ZIP:
TELEPHONE	()_			
				FORM 542-0567

SPECIES PIED-BILLED GREDC	AQUI	60				DATE, NOTES
PIED-BILLED GREBE	. 006.		-	_	_	
*EARED GREBE *WESTERN GREBE *DOUBLE CRESTED CORMORANT	. 004.		_			
*WESTERN GREBE	001.					
*DOUBLE CRESTED CORMORANT_	120.		-			
*AMERICAN BITTERN	190.		-			
LEAST BITTERN	191.					
GREAT BLUE HERON	194.	_			_	
*GREAT EGRET	196.		_		_	
GREEN-BACKED HERON	201				_	
*GREAT EGRET GREEN-BACKED HERON *BLACK-CROWNED NIGHT-HERON	202.	_	_	_	_	
*YELLOW-CROWNED NIGHT-HERO						
CANADA COOSE	M 203.				_	
CANADA GOOSE	. 172.		-		_	
WOOD DUCK GREEN-WINGED TEAL	144.	-			_	1
GREEN-WINGED TEAL	139.					
*AMERICAN BLACK DUCK	. 133.	-			-	
MALLARD	132.	1	_	_		
*NORTHERN PINTAIL	143.				-	
BLUE-WINGED TEAL	140.	19		-		
BLUE-WINGED TEAL	142.		-		-	
*GADWALL	135.	_	_	_	_	
AMERICAN WIGEON	137					
*AMERICAN WIGEON	147				=	
PEDHEAD	146					
REDHEAD	150			-		
*RING-NECKED DUCK	149.			-		
		-		_		
*BUFFLEHEAD	153.					
*HOODED MERGANSER	131.	_	_	_	_	
RUDDY DUCK	167.	_	_	_		
TURKEY VULTURE	325.				_	
*BUFFLEHEAD *HOODED MERGANSER RUDDY DUCK TURKEY VULTURE *BALD EAGLE	352.	_	_	_	=	
*NORTHERN HARRIER	331					
SHADD_SHINNED HAW	332			_	=	
PCOODED'S HAW	_ 332.			-	-	
*COOPER'S HAWK	_ 333.					
ABDOAD HINCED HANK	339.		_			
*BROAD-WINGED HAWK	_ 343.	-		-	—	
"SWAINSON'S HAWK	342.			_	_	and the second
RED-TAILED HAWK	337.		-	_		
AMERICAN KESTREL	360.			_	_	
AMERICAN KESTREL	288.1	_			Ξ	
*CHUKAR	288.2	-				
RING-NECKED PHEASANT	309.1			-		
RUFFED GROUSE	300.				=	
WILD TURKEY	310.			_		
NORTHERN BOBWHITE	289	_		_	-	
RUFFED GROUSE WILD TURKEY NORTHERN BOBWHITE *KING RAIL	208.	_	_	_	_	
VIRGINIA RAIL	212.		_			
SORA	_ 214.					
*COMMON MOORHEN	_ 219.					

SPECIES			-	-	-	DINE HOTES
SPECIES	AURA	<u>OB</u>	PO	PR	CO	DATE NOTES
**PIPING PLOVER	217.	-				
RILLUECK	273.					
SPOTTED SANDALOSS	225.	-		-		
SPOTTED SANDPIPER	263.			-		
**PIPING PLOVER KILLDEER **AMERICAN AVOCET SPOTTED SANDPIPER *UPLAND SANDPIPER	261.					
**COMMON SNIPE	220					
**COMMON SNIPE	230.	-	-		-	
ARENILAN WOODCOCK	228.			_		
WILSON'S PHALAROPE	224.					
FRANKLIN'S GULL	059.	-		-		
AMERICAN WOODCOCK **WILSON'S PHALAROPE *FRANKLIN'S GULL *FORSTER'S TERN	069.					
LEAST TERN	074.				-	
BLACK TERN	077.		-	-		
ROCK DOVE	313.1					
"RINGED TURTLE-DOVE	315.2	-	_			
**LEAST TERN *BLACK TERN ROCK DOVE **RINGED TURTLE-DOVE MOURNING DOVE	316.		_			
BLACK-BILLED CUCKOO YELLOW-BILLED CUCKOO **COMMON BARN-OWL EASTERN SCREECH-OWL GREAT HORNED OWL	388.				-	
TELLOW-BILLED CUCKOO	387.					
COMMON BARN-OWL	365.		-	-		
EASTERN SCREECH-OWL	373.		-	-		
the second se		-	-	-		
	1					
BURROWING OWL	378.	_				
BARRED OWL	368.	_				
*LONG-EARED OWL	366.					
**SHORT-EARED OWL	367.		·			
**BURROWING OWL BARRED OWL *LONG-EARED OWL **SHORT-EARED OWL COMMON NIGHTHAWK	420,				_	
ARCHICK HILLES HIDON						
**CHUCK-WILL'S-WIDOW	416.					
WHIP-POOR-WILL	417.	-		-		
CHIMNEY SWIFT	423.		_			
WHIP-POOR-WILL CHIMNEY SWIFT RUBY-THROATED HUMMINGBIRD BELTED KINGFISHER	428.		_			
DED UEADED HODDODO	ine					
RED-HEADED WOODPECKER	406.	-				
RED-BELLIED WOODPECKER	409.	-			_	
TELLOW-BELLIED SAPSUCKER_	402.			-		
DOWNY WOODPECKER	394.	_				
RED-HEADED WOODPECKER RED-BELLIED WOODPECKER YELLOW-BELLIED SAPSUCKER DOWNY WOODPECKER HAIRY WOODPECKER	393.					
NORTHERN FLICKER PILEATED WOODPECKER EASTERN WOOD-PEWEE	412.					
PILEATED WOODPECKER	405.		-			
EASTERN WOOD-PEWEE	461.					
ACADIAN FLYCATCHER	465.					
ACADIAN FLYCATCHER	466.1					
WILLOW PLYCATCHER	466.					
LEAST FLYCATCHER	467.					
EASTERN PHOEBE	456.	_				and the second se
**SAY'S PHOEBE	457.	_	_			
WILLOW FLYCATCHER **LEAST FLYCATCHER EASTERN PHOEBE **SAY'S PHOEBE GREAT CRESTED FLYCATCHER_	452.		-			
WESTERN KINGBIRD EASTERN KINGBIRD **SCISSOR-TAILED FLYCATCHER	447.	-	-	-		
EASTERN KINGBIRD	444.			200	_	
**SCISSOR-TAILED FLYCATCHER	443.					
**SCISSOR-TAILED FLYCATCHER HORNED LARK	474.					
	anacesa.		-	-	-	

SPECIES	AOU#	UB	PO	PR	CO	DATE . NOTES
PURPLE MARTIN	611.					
TREE SWALLOW	614.					
N POUCH-WINCED SHALLOW	617	-	-			
BANK CHALLOW	017.				_	
BANK SWALLOW	616.					
TREE SWALLOW N. ROUGH-WINGED SWALLOW BANK SWALLOW CLIFF SWALLOW	612.		_			
BARN SWALLOW	613.					
BLUE JAYAMERICAN CROW	477.					
AMERICAN CROW	488.					
BLACK-CAPPED CHICKADEE	735.		_	_		-
AMERICAN CROW BLACK-CAPPED CHICKADEE TUFTED TITMOUSE	731.		_	_		
*RED-BREASTED NUTHATCH	728.	-	-			
WHITE-BREASTED NUTHATCH	727.			_	_	
*BROWN CREEPER	726					
**ROCK WREN	715					
RECADOL INA HOCH	/15.		-			
*BROWN CREEPER *ROCK WREN *CAROLINA WREN	718.					
**BEWICK'S WREN	710					
HOUSE WEEN	721	-				
HOUSE WREN_	121.					the second s
**WINTER WREN	122.			_	_	
SEDGE WREN	724.					
MARSH WREN	725.					
BULLE COAN CONTRACTOR						
BLUE-GRAY GNATCATCHER	751.	-	-	-		
EASTERN BLUEBIRD	766.					
EASTERN BLUEBIRD *VERY WOOD THRUSH	756.	-		_		
WOOD THRUSH	755.		-	-	_	
AMERICAN ROBIN	761.		_			
			_	_	_	- A + - + - + - +
GRAY CATBIRD	704.		-	-		
				_		
BROWN THRASHER	705.					
CEDAR WAXWING	619	=				
BROWN THRASHER CEDAR WAXWING *LOGGERHEAD SHRIKE	622.					
EUROPEAN STARLING	493.					
*WHITE-EYED VIREO	631.					
*BELL'S VIREO	633				_	
YELLOW-THROATED VIDEO	630					
*WHITE-EYED VIREO *BELL'S VIREO YELLOW-THROATED VIREO	020.	-		-		
WARBLING VIREO	627.		=	_	-	
RED-EYED VIREO *BLUE-WINGED WARBLER	624					
*BLUE-WINGED WARBLER	641					
GOLDEN-WINGED WARBLER	641.			_		
ENODTHEON DAOUNA	042.		_			
"NORTHERN PARULA	648.					
YELLOW WARBLER	652.					
*CHESTNUT-SIDED WARBLER	650					
VELLOW-THOOATED HACOLER	039.		=			
*YELLOW-THROATED WARBLER_	663.					
"CERULEAN WARBLER	658.			Contract of	_	
- DLAUN-AND-WHITE WARMING	636		-	_		New York Contraction of the second
ANTOIOLU DECOMUNE	687.					
AMERICAN REDSTART		_			_	
AMERICAN REDSTART						
PROTHONOTARY WARBLER	637.					
PROTHONOTARY WARBLER	639.	_	_	_	_	
	639.	=	=	=	=	