



F. A. Wetmore.

1905.

June 1, 1905 - January 27, 1906.

Independence, Kansas.

Minco, O. T.

Lawrence, Kansas.

Number 1199-1459

} inclusive.

No. 63

[Faint handwritten text]

1

1905

R. x W. Moore

Spring Migration 1905 at Independence Kansas.

Name of Bird	When 1st seen	Number seen	When next seen	When became common
Red-winged Blackbird	Feb. 17	35	Mar 4	Mar 4
Yellow-billed Woodpecker	Feb. 18	1	Mar 20	
Fox Sparrow	Feb. 21	5	Feb. 23	Feb 28
Rusty Blackbird	Feb. 25	25	Mar 3	Mar 6
Killdeer	Feb. 25	1	Mar 4	Mar 4
Canada Goose	Feb 25	50	Mar 6	
Smith Longspur	Feb 26	8	Feb 27	
Savanna Sparrow	Feb. 26	1	Feb 27	Mar 1
Mallard	Feb. 27	16	Mar 6	Mar 10
Harris Sparrow	Feb. 27	50	Feb. 28	Feb 27
Cedar Waxwing	Feb. 28	10	Mar 2	
LeConte Sparrow	Feb. 28	1	Mar 4	Mar 10
Song Sparrow	Mar. 2	15	Mar 2	Mar 2
Chestnut-colored Longspur	Mar. 2	1		
Lincoln Sparrow	Mar. 3	1	Mar 4	
White-crowned Sparrow	Mar 3	35	Mar 4	Mar 3
Green-winged Teal	Mar 4	9	Mar 7	
Pile Sparrow	Mar 4	95	Mar 5	Mar 4
Western Savanna Sparrow	Mar. 6	1	Mar 8	
Blue-winged Teal	Mar. 7	18	Mar 10	
Meadowlark	Mar 7	15	Mar 15	Mar 15
Chewink	Mar 7	1	Mar 7	Mar 18
White-throated Sparrow	Mar 8	1	Mar 13	Mar 13
Cowbird	Mar. 11	100	Mar 14	Mar 11
Phoebe	Mar. 11	1	Mar 14	Mar 25
Bronzed Grackle	Mar 13	1	Mar 15	Mar 17
vesper Sparrow	Mar 14	1	Mar 17	Mar 25
Western Meadowlark	Mar 15	1	Mar 19	
Wilson Snipe	Mar. 19	1		
Swamp Sparrow	Mar. 20	1	Mar 21	Mar 29
Purple Martin	Mar. 26	4	Mar 27	April 2
Cooper Hawk	Mar. 29	1	April 26	April 26
Ruby-crowned Kinglet	Mar. 29	2	April 1	April 1
Blue-gray Gnatcatcher	Mar. 31	1	April 1	April 3
Broad-winged Hawk	April 1	1	May 6	

When last seen	Common or rare	Breeds	Remarks.
	Common	yes	A very few wintered
April 12	tot. com.	no	Last seen Dec. 5, 1904
April 4	Common	no	Seen four or five times in winter
Mar 25	Common	no	Several seen in winter
	Common	yes	One seen about Dec. 8
April 27	tot. com.	no	
Mar 7	tot. com.	no	First time I found them.
April 27	Common	no	
April 6	Common	no	
May 6	abundant	no	Fairly common during winter
May 15	irregular	no	Last seen about Jan. 15
April 26	Common	no	One taken Dec. 1, last seen Jan. 5
April 15	abundant	no	A few wintered.
Mar 2	rare	no	One taken. first seen here
May 6	tot. com.	no	One taken
May 6	Common	no	A few wintered
April 28	tot. com.	no	One taken in winter
	Common	yes	
April 17	rare	no	Five taken in Dec. & Jan.
April 28	tot. com.	no	One taken afterwards others.
	abundant	yes	
April 20	Common	no	Nearly all left for south during 7th am.
April 19	abundant	no	None wintered.
	Common	yes	Last seen about Dec. 5.
	Common	yes	
	Common	yes	
April 10	Common	no	
Mar 30	tot. com.	yes	One taken.
Mar 19	rare	no	One taken Dec 13, 1904
April 5	Common	no	
	Common	yes	
May 11	Common	no	
Apr. 25	abundant	no	
	Common	yes	
	tot. com.	yes	

Name of Bird	When first seen	No seen	When next seen	When last seen
Towhee Nuthatch	April 1	2	April 8	April 10
Black and White Warbler	April 1	2	April 8	April 10
Black throated Green Warbler	April 1	1		
Louisiana Water Thrush	April 1	2	April 2	April 28
Kingfisher	April 1	3	April 10	April 10
Chipping Sparrow	April 4	1	April 9	April 25
Brown Thrasher	April 4	2	April 8	April 8
Mockingbird	April 4	1	April 12	April 25
Myrtle Warbler	April 7	2	April 10	April 10
Western Vesper Sparrow	April 7	2	April 18	
Parula Warbler	April 8	4	April 15	April 25
Sandhill Crane	April 8	50		
Red headed Woodpecker.	April 9	1	April 12	May 2
Hermit Thrush	April 10	1		
Lark Sparrow	April 12	1	April 15	April 16
Chimney Swift	April 13	3	April 14	April 21
American Coot.	April 13	2	April 15	
Shoveler.	April 15	2	April 21	
Barn Swallow.	April 16	1	April 25	
Solitary Sandpiper.	April 16	1	April 25	
Mourning Dove	April 16	2	April 20	April 21
Redstart	April 22	1	April 24	May 6
Warbling Vireo	April 23	2	April 24	April 25
Yellow Warbler	April 23	4	April 24	April 25
Aculeon Warbler	April 24	1	April 25	April 26
Northern Yellowthroat	April 24	1	April 25	April 25
Wood Thrush	April 25	6	April 26	April 26
Rough winged Swallow	April 25	15	April 26	April 25
Spotted Sandpiper	April 25	2	April 26	May 1
Kingbird	April 25	1	April 26	April 26
White throated Blue	April 26	1	April 27	April 27
Red eyed Vireo	April 26	6	April 27	April 26
Pied billed Grebe	April 26	1		
Green Heron	April 27	1	May 6	
Catbird	April 27	1	April 28	May 1

When last seen	Common or rare	Breeds	Remarks
	Common	yes	
	Common	yes	
April 1	rare	no	
	Common	yes	
	Common	yes	
May 10	Common	no	
	Common	yes	One taken Dec 10 1914.
	Common	yes	
May 10	Common	no	Taken in winter
April 17	rare	no	Specimens taken
	Common	yes	
April 8	tot. com.	no	
	Common	yes	Only one seen in winter
April 10	rare	no	One taken Jan 17, 1905
	Common	yes	
	Common	yes	
April 15	tot. com.	no	
April 21	tot. com.	no	First ones seen.
	tot. com.	yes	
May 17	tot. com.	no	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	Common	yes	
	abundant	yes	
	abundant	yes	
April 26	tot. com.	no	
	tot. com.	yes	
	Common	yes	

Name of Bird	When first seen	No seen	When next seen	When became common
Scarlet Tanager	April 27	3	April 29	May 1
Baltimore Oriole	April 28	1	April 29	May 3
Western House Wren	April 28	2	April 29	April 29
Pectoral Sandpiper	April 28	2	April 30	
Crested Flycatcher	April 28	1	April 29	April 29
Prothonotary Warbler	April 29	1	May 10	
Summer Tanager	April 29	3	May 1	May 3
Clay-colored Sparrow	April 29	5	April 30	April 29
Chuck-will-Widow	April 29	2		
Indigo Bunting	April 29	2	May 1	May 1
Lesser Yellowlegs	April 29	2		
Arctic Towhee	April 29	2		
Olive backed Thrush	April 29	3	May 1	May 6
Wilson Thrush	April 29	2	May 1	
Blue Grosbeak	April 30	2	May 1	
Painted Bunting	May 1	1	May 6	
Yellow-billed Cuckoo	May 1	1	May 10	May 10
Yellow-breasted Chat	May 2	6	May 3	May 3
Short-billed Marsh Wren	May 2	4	May 4	
Least Flycatcher	May 2	1	May 3	May 10
Belted Vireo	May 3	1	May 6	May 6
Wood Pewee	May 3	1	May 6	
Night-hawk	May 3	1	May 5	May 11
Cliff Swallow	May 3	10	May 11	
Olive Flycatcher	May 6	2	May 10	May 12
Whippoorwill	May 6	1	May 10	
Kentucky Warbler	May 6	6	May 11	May 14
Grey-cheked Thrush	May 6	2	May 10	
Yellow-throated Vireo	May 6	1	May 10	
Ruby-throated Hummingbird	May 6	1	May 10	May 11
Acadian Flycatcher	May 10	1	May 13	May 14
Black Poll Warbler	May 10	8	May 11	May 10
Bobolink	May 10	2	May 12	
Parula	May 11	3	May 12	May 15
Orchard Oriole	May 11	10	May 12	May 11

When last seen	Common or Rare	Breeds
—	common	yes
—	common	yes
—	common	yes
April 28	rare	no
—	common	yes
—	tot. com.	yes
—	common	yes
May 3	common	no
April 29	rare	no
—	common	yes
April 29	rare	no
April 29	rare	no
May 20	abundant	no
May 3	tot. com.	no
—	tot. com.	yes
—	tot. com.	yes
—	common	yes
—	common	yes
May 4	tot. com.	no
May 15	common	no
—	common	yes
—	tot. com.	yes
—	common	yes
May 13	tot. com.	no
—	common	yes
—	tot. com.	yes
—	common	yes
May 10	tot. com.	no
May 12	tot. com.	no
—	common	yes
—	common	yes
May 15	common	no
May 12	tot. com.	no
—	common	yes
—	abundant	yes

Three taken in woods & one April 29

Name of Bird	When first seen	How seen	When next seen	When became common
Tennessee Warbler	May 17	6	May 18	May 17
Scissor-tailed Flycatcher	May 20	1	May 21	—
Orange-crowned Warbler	May 6	1	—	—
Nashville Warbler	May 6	1	May 7	May 10
# American Sparrowhawk	Mar 4	4	Mar 20	Mar 4
White-eyed Vireo	May 6	2	May 13	—

When last seen	Common or rare	Breeds	Remarks
May 20	common	no	
—	tot. com.	yes	
May 6	rare	no	
May 17	common	yes	
Mar 20	tot. com.	no	
—	tot. com.	yes	Three or four seen in winter.

Name of Bird	When first seen	No. seen	When next seen	When common
Chicadee	May 23	6	May 24	May 23
Suited Titmouse	May 25	2	May 26	—
Red bellied Woodpecker	May 24	1	May 31	—
Cowbird	May 23	8	May 24	May 23
Blue gray Gnatcatcher	May 25	2	May 26	—
White-rumped Thrush	May 24	1	May 26	—
Yellow Warbler	May 23	10	May 24	May 23
Kentucky Warbler	May 24	1	May 26	—
Tesser Scamp Duck	May 23	5	May 26	—
Black Tern	May 26	25	May 28	May 24
Red shafted Flicker	May 26	1	May 31	—
Canada Goose	May 26	1	—	—
Yellow-necked Blackbird	May 25	10	May 26	—
Baltimore Oriole	May 24	1	May 26	—
Killdeer	May 25	1	May 26	—
Mourning Dove	May 23	30	May 24	May 23
Spotted Sandpiper	May 26	1	—	—
Blue-winged Teal	May 29	1	—	—
Olive backed Thrush	May 28	6	—	—
Rough winged Swallow	May 28	2	May 31	—
Red-tailed Hawk	May 23	1	May 29	—
Texas Parula Wren?	May 31	1	—	—
Summer Tanager	May 26	2	May 31	—
Acadian Flycatcher	May 31	1	—	—
Barn Swallow	May 29	1	—	—
Downy Woodpecker	May 24	1	May 31	—
Warbling Vireo	May 26	1	May 29	—
Kingbird	May 23	6	May 24	May 23

When last seen	Common or rare	Breeds?	Remarks
	common	yes	One immature specimen taken
	tot. com.	yes	
	tot. com.	yes	
	common	yes	
	tot. com.	yes	
	rare	yes	Two seen
	common	yes	
	tot. com.	yes	
	tot. com.	no	Specimens taken on a slough
	common	no	Found on a slough
	rare	no	Only two seen. None taken
	rare	no	One bird seen flying due north
	tot. com.	yes	
	tot. com.	yes	
	tot. com.	yes	
	abundant	yes	Found nesting on ground
	rare	yes	One seen on South Canachin
	rare	no	One crippled male secured
	rare	no	Heard flying at night
	tot. com.	yes	
	tot. com.	yes	
	rare	yes	One taken
	tot. com.	yes	
	rare	—	One seen
	rare	—	One seen
	tot. com.	yes	Three taken
	tot. com.	yes	
	common	yes	

Mockingbird

Night hawk

Yellow breasted Chat

Wren

June

Worked nights all during this month at the Santa Fe Depot

The Mockingbirds sing nearly all night long from various clumps of trees around. They do not sing nearly as much ~~the~~ cloudy nights as they do on clear ones but kept at it unless it rained. Heard one up town around a gas light. In the daytime they seem to delight in a perch on a chimney and occupy it except in the hottest part of the day. At night their songs come from clumps of trees which can be seen dark against the background.

One Night-hawk is also frequently observed. During the first the month he was very noisy but later quieted down more. It was a male and undoubtedly had a nest somewhere in the field across the track. Just before daylight he would start calling and from then until sunrise he could be heard calling excitedly and occasionally booming. Sometimes he was near enough so that I could faintly distinguish him but more often it was simply a voice coming from the lightening sky. Toward the end of the month he ceased to boom and did not call as frequently as before either.

Yellow breasted Chats are also heard occasionally. They appear to be flying nights as they give an occasional note in flying over. One the evening of the thirtieth I distinctly heard a Yellowlegs - probably the Lesser - whistle several times. It is very early for them or else very late.

Toward the last of the month I got

Yellow breasted Chat

Lark Sparrow

out in the woods twice for a short time. Yellow-breasted Chats were in the thickets but they appeared to be only a voice floating from one place to another. Once I caught a flash of yellow and olive as one paused alertly for an instant on a branch to see who had invaded his premises. This one must have had a nest somewhere in the near vicinity as his voice came from all sides of me.

I searched carefully everywhere for nests but only found three and these were deserted.

On the uplands were little family groups of Lark Sparrows, young and old together. They flew up ahead of me by twos and threes and usually all went in the same direction. The adults evinced from alarm at my approach but were cross towards their young. The males still sang and seemed rather anxious at times and they are probably raising a second brood. I also hear them about daylight along with an occasional coyote.

Dickcissils are spread everywhere now but seem to prefer the lower localities. There are one or two that have a very peculiar song, so strange in fact that I could not tell what they were at first. A waxy growth not too high is a favorite place with them. They make it around, on some elevated perch - a pole or the top spray of a small tree - and sing incessantly. They sometimes show anxiety when I pass but usually keep right on singing. Some allow a very close approach without taking alarm.

Orchard Oriole

Quail

Song Sparrow

August 14, Monday.

This morning at daylight I walked down to the river and back and have done this every day for almost a week.

Perhaps the most noticeable bird is the Orchard Oriole. They are very common and are in sight or hearing all along. They chatter and scold and fly around usually in families of six or eight. In a tree they are restless and are continually hopping around and jerking their tails. The greater share of them are of course young birds and in color and appearance they might almost be taken for a Flycatcher. They are found everywhere high up in the tops of the trees or down in the thick weeds. When one starts to fly the others generally follow. The notes are the same as those of the parents, a rather loud chuck and a querulous chatter.

Quails are flying nights now and seem to be passing wholly to the north. About a month ago they were found every where on the high ground or along the river but now they are in flocks and seem to keep in the lower fields. I can tell them at night by their harsh call note and earl. in the morning I see them. The flight is strong and undulating much like that of the English Sparrow. They have been flying since the first of the month. I heard them more frequently on cloudy nights probably because they are then nearer the ground. They stopped singing about two weeks ago. Before then I heard them frequently at night and during the day whenever I was near the fields.

On July 9 I saw a single solitary Sand piper on the shores of a little pond.

Night hawk

Cliff Swallow

Cardinal

along the railroad track. It was just after a hard rain. This is earlier than I saw them last year at home. On August 9 I heard another flying at night. These birds must make a quick trip to the north.

The Night Hawks called up to about the middle of July but since then I have not seen them except on one or two occasions.

Saw a small party of about a dozen cliff swallows also one day flying over. They must have nested hereabouts.

The Cardinals still sing occasionally in the cool of the morning. This morning I saw a number of young ones. They were on the railroad track and only flew ahead of me a few at a time. The sun was just up and its light showed the reddish tint through their wings as they flew. Their bills were dark colored but otherwise they were like the female except for a duller coloration. They keep in the depths of the trees along the river or in the dense growths of ducks.

Bell Vireos also sing occasionally in the early morning but are usually silent. They are in a bad state of moult now and this morning I saw one with no tail. Their small size makes them appear like Warblers but they are to be distinguished by their more deliberate movements. In looking around they swing the whole body instead of turning the head alone, like all other Vireos. Saw one capture and eat a green worm after beating it on a branch. They are to be found along the hedges and in the dense woods which grow higher than my head and very large.

Indigo Bunting

grasshopper sparrow

Blue Grosbeak

Indigo Buntings are also very abundant. Some of the males still retain the white tips to the feathers which I noticed on my spring specimens. The males still sing from the tops of the trees. They always call and scold when ever anyone appears but their young are taking care of themselves.

Saw one grasshopper sparrow along the track. It was hopping along among the shorter weeds picking up food. I could not tell what it was at first. I have also seen a few upon other occasions on the higher prairie and have heard them sing. A number were seen on a drive to Neodesha.

There are a number of Blue Grosbeaks along the track. One male sits in the top of an oak singing nearly every morning. I have seen several young. They do not appear to be much afraid but usually take refuge in the woods from which it is hard to flush them. A favorite perch with them is a telegraph wire from which they can easily drop down to cover. They appear at times like miniatures of Pine Grosbeaks. The males still retain their gorgeous coloring.

Catbirds are common and fearless. Two that frequent the yard at home on 8th street have the song of the Big Yellow grasshopper down to perfection and can be heard giving it at all hours of the day. It was some time before I knew it was the bird making the noise. The young give a tsit for a call note and all are rather ragged in plumage.

Bronzed Grackle

Red-winged Blackbird

Cowbird

Indigo Bunting

August 15, Tuesday,
This morning just at sunrise I went down to the river. The sun showed egg-shaped for a minute above the horizon and then disappeared behind the clouds. It was rather cool and the birds were active. They seem to be feeling the impulse of fall as they do at home even though it is farther south.

A flock of nearly a hundred Bronzed Grackles flew over toward the north. They came in a long straggling flock. They come in to town at night to roost and then feed in the country during the day. I have seen them several times flying in about sundown. They kept about ~~one~~ hundred and fifty to two hundred feet up and call continually. I think it is the young ones that make most of the noise as their voices sound rather soft and immature. The flight is up and down and the birds keep swinging from one side to the other continually. These are composed, in all probability, of the birds that nested this spring in the park and in other favorable localities around town.

Also heard a single Red-wing along a pond calling querulously. Not many were seen elsewhere in flocks up to June 1. but from then to July 15th or about a month ago they were seen scattered out in pairs and small parties about small sloughs and other damp localities where there is long grass growing. Since the latter date however only a few have been seen and they are probably gathered into flocks again in places where there is damp ground.

There are one or two young Cowbirds down along here that I see every morning. I would not wonder if they had been raised by the Indigo Buntings or Bell Vireos. They sit

Cowbird

Red tailed Hawk

Bluejay

Tufted Titmouse

Chickadee

Yellow breasted Chat

on the wire until I get nearly opposite them and then fly. They show their affinity by staying together and not mingling with the other birds.

A large Red tailed Hawk flew across the track and the Bluejays put in most of their time after that, imitating his call. There are a great many of the Jays along the River. They keep in among the thicket leaves and only occasionally come out where they can be seen. The young ones are noisy as they always are in the fall but not so much so as when they are not in flocks. Their jay jay in the distance always brings to mind a dim haze on the hills with leaves that are beginning to turn, which everywhere corn is standing in the shock. I do not know what they are feeding on here.

The Tufted Titmouse are very secretive now. They do not appear to make any special effort to hide but their soft protective coloration and rather slow movements tend to conceal them. Many times I have heard their soft notes that might be mistaken for those of warblers in the trees but if only see them occasionally. Once in a while they call peter peter peter.

Their cousins the Chickadees are not so shy and are also more noisy. They call much as they did in the spring though they are moulting. Saw one without any tail but it appeared to be the same in actions and liveliness as the others.

The Yellow breasted Chats are still singing. As I was watching in some woods this morning one flew up onto a telegraph wire and sat there watching me for a minute. Then it flew down again and only movements

Coot

Mockingbird

Robin

Flicker

Mourning Dove

in the leaves betrayed its presence. Strange sounds are continually coming from the thickets but the birds cannot be seen. Some of the notes reminded me of the Coots on Lake Washkoning.

On one or two Mornings I have seen a Mockingbird. They are rather quiet and are not much afraid. When they take an exposed perch they generally keep for a minute or more. In flight a great deal of white shows in the wings. They became silent about a month ago but before that they sang all night long. They fly across the track ahead of me pausing perhaps on a wire or disappearing in the hedge.

Several Robins were seen this morning. They stopped to light in a dead tree and ~~stopped to light~~ called and sang as they do at home in the fall. Only a few nests here in the spring and I think it is rather far south for them. After a while these flew off through the trees.

Another morning three or four Flickers occupied this tree. It seems to be a favorite perch with all kinds of birds. These Flickers huddled around but seemed rather uneasy and finally flew off. The notes of the young do not seem as full as those of the adults. In the kin note it seemed to be rather chopped off and abbreviated.

Heard a Mourning Dove coo this morning. I frequently see them flying swiftly over but they are usually silent now. I see no more than four together and usually two or three. They are not flocking yet I guess.

August 1905

Bird-list for August 1905.

Cardinal	Yellow-billed Cuckoo
American goldfinch	Belt Vireo
Crow	Wood Pewee
English Sparrow	Night Hawk
Robin	Cliff Swallow
Bluejay	Flicker
Downy Woodpecker	Kingfisher
Chicadee	Prairie Horned Lark
Tufted Titmouse	Solitary Sandpiper
Gray Woodpecker	Black-crowned Night Heron
Field Sparrow	Worm Flycatcher
Bronzed Grackle	Acadian Flycatcher
Cowbird	Screech Owl
Louisiana Water Thrush	Dickcissel
White-rumped Shrike	Red-tailed Hawk
Killdeer	Red-billed Woodpecker
Red-winged Blackbird	Blue-gray Gnatcatcher
Brown Thrasher	Scarlet Tanager
Mourningbird	55. Meadowlark
Red-headed Woodpecker	
Lark Sparrow	
Chimney Swift	
Mourning Dove	
Warbling Vireo	
Yellow Warbler	
Northern Yellowthroat	
Wood Thrush	
Spotted Sandpiper	
Kingbird	
Orchard Oriole	
Red-eyed Vireo	
Calbird	
Baltimore Oriole	
Summer Tanager	
Orange Bunting	
Blue Grosbeak	

Red headed Woodpecker

Jays

Lawrence, Kansas.

September 3, Sunday.

This morning I came to Lawrence to attend N.U. The streets of the town are lined with many large trees forming a favorable place for birds. In front of my boarding place there are always Red headed Woodpeckers present. One tree has only a few leaves and this is a favorite place with them. It has been cut for several days and these birds are going through the act of mating. They are very noisy. In the morning one frequently gets on the ~~tree~~ around the chimney and makes a terrible racket. Their notes or drumming can be heard all day long and the birds themselves can be seen flying around. Several times I have seen them fly into the tree and cling to the trunk under the leaves remaining perfectly quiet. From their actions I am confident that there was a hawk around.

Bluejays are also very common and are perhaps more abundant than any other species except the grackles. The jays can be heard almost constantly and can be frequently seen flying from place to place. In the trees however they are as usual hard to find.

On Mount Oread are quite a few Robins. at Independence I saw about half a dozen or more in August but here they are quite common. They keep along the sides of the hill and fly across the town. This looks like a favorable wintering place for them. They were mostly silent giving only a tee-ee-ep in a low tone. A good many are in poor plumage because of the moult.

Catbird

Red-bellied Woodpecker

Mourning Dove

Chicadee

Bronzed Grackle

September 10, Sunday.

This afternoon Harry Fowler and I followed the Railroad track out along the Kears River. It was hot and not many birds were seen until towards evening. The sand-banks were thickly grown with willows and weeds ten feet high. It was impossible almost to force a way through. All we could do was follow the road. The river was shallow with low sandy shores.

Catbirds were numerous in the thickets but only the rustle of the leaves or an occasional note betrayed their presence. Later they came out along the edge and were easily seen. I think they were mostly immature birds. Saw one catching insects on the wing.

A family of Red-bellied Woodpeckers was also seen in some dead trees. They come into town occasionally.

Coming back Mourning Doves were common perched along on the telegraph wire. At our approach they flew off after arranging their necks to look.

One Chicadee lit on a wire and whistled he-hur for five minutes in so low a tone that I could scarcely hear him. Though he was only a few feet away. Numbers of them were heard along the river.

About dark every evening enormous flocks of Bronzed Grackles fly in to roost in a park. They come in long straggling flocks and the air is full of them at times. There are certainly more than a thousand of them. Occasionally one is seen in the day time walking along the limbs of the trees and peering up under the leaves for worms. They make a great gabbling in the evening and also at daylight.

Red winged Blackbird

Chimney Swift

Yellow throated Vireo

1199 *Buteo borealis*

A few Red-wings also come in with them to the roost. I saw one also flying south along the river.

Chimney Swifts are still common. They flew in and out among the myriads of Blackbirds with great apparent enjoyment.

In a tree outside the window I saw a single Yellow-throated Vireo. It hunted leisurely and thoroughly through the tips of the limbs. It took no pains to keep concealed. This is the first one I have seen for some time.

September 15, Friday,

1199. *Buteo borealis*, J. Beck. Kaw River, Lawrence, Kansas. Iris yellow. Gonyes dull buff. rest of mandible + maxillary tomia pale, dull brown becoming almost dusky around gape on mandible. rest of maxilla brownish dusky. this color extending to base of eye. Skin around eye greenish changing to yellowish green between eye + nostril. Skin beyond gape pale dull brown. Tarsus green. back of tarsus at joint and inside of toe dull yellow. claws dusky brown. Length $17\frac{1}{2}$ wing $7\frac{1}{2}$ tail $2\frac{5}{8}$ T. in.

Stomach contents. Grasshopper and other insects.

This afternoon Mr. Beck who boards where I do procured a Green Heron and gave it to me. It was a fine specimen and was in good condition. It was a young male. In the stomach I found a part of a grasshopper that was nearly entire and also parts of other insects. Mr. Beck described the bird as flying along the river and crossing the R. R. track when he shot it. It is the smallest of my other specimens taken to date and is the first bird I have skinned since June 1.

1200 *Geothlypis trichas*
brachyactyla

1201, *Hirundo erythrogastra*

1202 *Hirundo erythrogastra*

1203 *Layornis phoebe*

1204. *Melanerpes carolinus*

September 16, Saturday

1200. *Geothlypis trichas brachyactyla*. ♀.
Wetmore. Kaw River, North of Lawrence, Kansas.
iris brown. maxilla + side of mandible dull
brown. rest of mandible dull buff. tarsus
pale brown. feet pale and dark darker.
Length $4\frac{5}{8}$ wing $2\frac{1}{8}$ tail $1\frac{1}{8}$ ♀ im stomach contents
insects

1201. *Hirundo erythrogastra*. ♀. Wetmore, Santa Fe
R.R. north of Lawrence, Kansas, iris brown.
bill dusky. Tarsus dark brown. Length $6\frac{5}{8}$
wing $4\frac{5}{8}$ tail $3\frac{1}{8}$ ♀ ad stomach contents insects.

1202 *Hirundo erythrogastra*. ♀. Wetmore. Santa Fe
R.R. north of Lawrence, Kansas, iris brown.
bill dark brown. Tarsus olive brown. Length $6\frac{5}{8}$
wing $4\frac{5}{8}$ tail $3\frac{1}{8}$ ♀ im stomach contents insects.

1203 *Layornis phoebe*. ♀. Wetmore. Santa Fe
R.R. north of Lawrence, Kansas, iris brown. bill
black. Tarsus brown. Length $6\frac{3}{4}$ wing $3\frac{1}{16}$ tail $2\frac{7}{8}$
♀ ad stomach contents. 1 blue-bottle fly + other insects.

1204 *Melanerpes carolinus*. ♀. (Wetmore. Kaw
River north of Lawrence, Kansas iris light
brown. base of mandible dull greenish, slate.
rest of bill dull black. Tarsus very dull
greenish slate. Length $9\frac{3}{8}$ wings $5\frac{3}{8}$ tail $2\frac{7}{8}$
♀ ad stomach contents. berries.

This forenoon it rained until ten
o'clock but by noon it had turned colder
and the rain had stopped. After dinner I
went north along the Santa Fe. The Kaw
River was very high and all sand-bars
were covered so I had rather poor luck.
Birds seem very scarce too. Weeds and vines
grew in great profusion wherever there was
the slightest chance and it was hard
work to force a way through them. What few
birds there were frequented these tangled swaths.

Bronzed Grackles

Red-winged Blackbird

Barn Swallow

Bluebird

Flicker

Crow

Northern Yellowthroat

Several flocks of Bronzed Grackles were seen in a corn field. They all rose up and flew toward town and I did not get a shot. Farther I also saw a flock of Red-wings. They flew up and circled around and split up in small companies. These joined again and after more evolutions they all lit. They made considerable racket calling chet chet.

Farther on a family of Barn Swallows were feeding. They circled around in long graceful sliding curves and when tired lit on the telegraph wires. When I approached one of the adults came flying out towards me with a sharp note of alarm. When they lit on the wires they generally hovered an instant in order to get their balance. Two were secured at one shot. These are the first ones I have from Kansas as the Barn Swallows were not at all common at Independence.

There was also a family party of Bluebirds here feeding along the track. When one of the frequent trains was passing they took refuge in a tree on the river bank. Some of them fed almost entirely on the ground while the others sat on the wires. They seemed rather wild and I did not get any of them.

There were also a few Flickers feeding here along the track. They were also wild and I shot one but did not find it.

Some Crows flew up out of a plowed field and began to circle around above the trees. They would not let me get very close.

In a thick tangle by the river a number of (Maryland) Northern Yellowthroats

1206. *Cyanocitta cristata*

Lawrence

1207. *Regulus calendula*1208. *Helminthophila*
*rubrocapilla*1209. *Cyanospiza cyanea*1210. *Parus atricapillus*1211. *Seiurus phoebe*

September 22, Friday,
1206. *Cyanocitta cristata*. J. Alce, Wetmore,
Lawrence, Kansas iris dark brown. bill
black. tarsus brownish black. Length $11\frac{1}{4}$
wing $5\frac{1}{2}$ tail $5\frac{1}{4}$ Pad stomach contents acorns.

This morning Mr. Alce shot a Bluejay
in the yard. In its throat were three small
acorns with split shells but still covered over.
They go into the oak trees across the
road and then fly back with the acorns.
In the stomach of the one shot there
were no shells and it may have intended
to regurgitate those in the throat and clean
the shells off.

September 23, Saturday.

1207. *Regulus calendula*. A. Wetmore. Kaw River
north of Lawrence, Kansas, iris brown. bill
dark brown. tarsus same. Length $4\frac{1}{8}$ wing $2\frac{1}{4}$
tail $1\frac{1}{16}$ 3 in stomach contents insects

1208. *Helminthophila rubrocapilla*. A. Wetmore.
Kaw River north of Lawrence, Kansas, iris dull
brown. base of gonys dull buff. rest of gonys
& maxilla olive brown. rest of mandible
paler. tarsus slaty brown. feet more yellowish
Length $4\frac{9}{16}$ wing $2\frac{5}{8}$ tail $1\frac{5}{8}$ 9 in stomach contents
insects

1209. *Cyanospiza cyanea*. A. Wetmore. Kaw River
north of Lawrence, Kansas, iris brown maxilla
dull brown. mandible more slaty. base of gonys
dull buff. tarsus dull slaty brown. Length $5\frac{1}{16}$
wing $2\frac{1}{16}$ tail 2 3 in stomach contents insects

1210. *Parus atricapillus*. A. Wetmore. Kaw River
north of Lawrence, Kansas, iris brown. bill
black. tarsus bluish slate. Length $5\frac{1}{8}$ wing $2\frac{9}{16}$
tail $2\frac{7}{16}$ 3 in stomach contents insects

1211. *Seiurus phoebe*. A. Wetmore. Kaw River north
of Lawrence, Kansas, iris dark brown bill black

1212. *Sialia sialis*1213. *Dryobates villosus*1214. *Agelaius phoeniceus*1215. *Agelaius phoeniceus*

Red-winged Blackbird

Bronzed Grackle

Red-winged Blackbird

Tarsus black Length 7 wing $3\frac{1}{2}$ tail $2\frac{7}{8}$ ♂ ad.

Stomach contents insects

1212. *Sialia sialis*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. bill dull black. gape dull yellow. tarsus black. Length $6\frac{3}{4}$ wing 4 tail $2\frac{1}{2}$ ♂ ad. stomach contents insects1213. *Dryobates villosus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla + tip of mandible dull dusky rest very dull. feet white. tarsus, about slate. Length $8\frac{1}{2}$ wing $4\frac{1}{16}$ tail $2\frac{1}{16}$ ♀ im. stomach contents grub1214. *Agelaius phoeniceus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. mandible dull brown. pair on gonys. mandible blackish brown. tarsus black. Length $7\frac{1}{2}$ wing $4\frac{1}{8}$ tail $2\frac{7}{8}$ ♂ ad. stomach contents corn1215. *Agelaius phoeniceus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. horn color at base of gonys. tarsus black. Length ♀, wing $5\frac{1}{8}$ tail $3\frac{3}{4}$ ♀ ad. stomach contents. corn.

This morning it was clear but the day was very warm. Collecting was very hard work. Walked north along the Santa Fe.

All along flocks of Red-winged Blackbirds were seen flying over or else dropping down into the cornfields. There were a few Bronzed Grackles in some of the flocks. Sometimes these Red-wings would light in the trees and give concerts in regular blackbird style: a confusing medley of notes out of which an occasional marked song came. One flock with nearly a thousand birds in it was seen at a distance flying over the river. The two that I got were shot on the wing as they flew over my head. The male was in fine shape

Chicadee

Northern Yellowthroat

Ruby-crowned Kinglet

Nashville Warbler

Audubon's Kinglet

Bluebird

In some woods along the river I found a flock of Chicadees and looked them over carefully for Warblers. The Chicadees came all around me in the high pines paying scarcely any attention to me. I shot one later on. The only Warbler seen with them was a single male Northern Yellowthroat. It came right up to me not being much frightened even when I moved around. Its black mask seemed slightly dull or clouded over. I shot it but could not find it in the weeds.

Saw a small bird feeding quickly through the branches and when I picked it up found it to be a Ruby-crowned Kinglet. This is the first sign of migration I have observed here except the flocking of the Blackbirds. Migrating warblers seem very scarce but would perhaps be seen on cooler mornings.

As I am by the track a Warbler was seen flycatching and searching through the branches, once or twice tumbling down through the twigs after an insect. When shot it proved to be the Nashville. This is about the only Northern Warbler I have seen here. This country appears to be very poor in birds for some reason. Perhaps the migration is not under headway yet.

I shot a very handsome Audubon's Kinglet. It flew across the track and changed perch several times before I got a shot. The delicate brown and blue on its back made a fine contrast.

A family flock of Bluebirds was seen in a dead tree. They sat perfectly quiet in the shade looking like bumps on the limbs. The one that I shot was a fine adult male. It seemed paler than Wisconsin specimens.

Red-tailed Hawk

Cardinal

1216 *Corvus americanus*1217 *Sialia sialis*1218 *Sialia sialis*1219 *Sayornis phoebe*1220 *Sayornis phoebe*

Two Red-tailed Hawks were seen circling around. One was fairly low down and I shot at it once without apparent effect. It kept revolving around in short circles and finally went out of sight. At times the tail was moved quickly to help in balancing on the turns. The other one that I saw was up so high that it looked no bigger than a swift.

One Cardinal sat in the top of a tree and sang for nearly ten minutes. I was much surprised to hear it. It was in a very dense place and I heard several others with it. They kept well out of sight though I hear their notes frequently.

September 30, Saturday.

1216. *Corvus americanus* A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. Tarsus and claws black. Gm. stomach contents corn. Length $8\frac{1}{2}$ wing 12 tail $7\frac{1}{4}$ ear

1217. *Sialia sialis* A. Wetmore. Santa Fe R. R. north of Lawrence, Kansas, iris brown. bill brownish black. Tarsus black. Length $6\frac{1}{2}$ wing 4 tail $2\frac{5}{8}$ Gm. stomach contents insects

1218. *Sialia sialis* A. Wetmore. Santa Fe R. R. north of Lawrence, Kansas, iris brown. bill brownish black. Tarsus black. Length $6\frac{1}{4}$ wing $3\frac{5}{8}$ tail $2\frac{3}{8}$ Gm. stomach contents insects

1219. *Sayornis phoebe* A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. Tarsus black. Length $6\frac{1}{4}$ wing $3\frac{1}{4}$ tail $2\frac{5}{8}$ Gm. stomach contents insects

1220. *Sayornis phoebe* A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. Tarsus black. Length $6\frac{5}{8}$ wing $3\frac{1}{2}$ tail $2\frac{1}{16}$ Gm. stomach contents insects

1221 *Galeoscoptes*
carolinensis

Spotted Sandpiper

Killdeer.

Crows

Cardinals

1221. *Galeoscoptes carolinensis*. A. Wetmore.
Kew River north of Lawrence, Kansas, iris brown
bill black. tarsus black Length $8\frac{1}{4}$ wing $3\frac{1}{2}$
tail $3\frac{3}{8}$ Pin. Stomach contents. one large green
worm and some butter.

This morning it was cloudy and
the sun shone through occasionally. It was
very hot though. Followed north along
the Kew River. Birds were very scarce.
On one sandbar were two or three Spotted
Sandpipers. They flew up ahead of me
keeping out of range. Once as I stood on
a point one flew back and forth along
a narrow stretch of water zigzagging
back and forth but never coming within
reach.

But near the water was a flock
of eleven Killdeer. They ran along ahead
for a ways and then flew. This was done
several times and finally they got well
into the air. After considerable circling
at a rather high elevation all lit again
farther down the river.

Along an old channel were some
Crows flying in and out among the
Cottonwoods and Cawing loudly. As I
approached one flew over my and I
dropped it. They were also seen feeding
in the cornfields. A man shot to
frighten them out but they only flew in
a black Crow into the top of a dead
tree and sat there cawing.

Saw one or two Cardinals on the
wing but they always dropped down into
the cornfields and disappeared. I could not
even find them when I could hear them
plainly only a few feet away.

Chicadee
 Ruby-crowned Kinglet

American Goldfinch

Pine Siskin

Great Blue Heron

Green Heron

Phoebe

Bluebird

Baltimore Oriole

Several mixed flocks of Chica-dee and Ruby-crowned Kinglets were seen but there were apparently no Warblers with them. The Kinglets were very quiet in their movements. They were working in a southerly direction.

Several flocks of American Goldfinches flew over in family parties generally. The young birds gave their characteristic insistent call-note. After one flock came a single Pine Siskin calling wildly. It kept a little apart from the others and was too high for a shot.

In several places along the bars the tracks of the Great Blue Heron were seen and once one of the birds flew past veering sharply off when it saw me.

Along a slough in a cornfield a Green Heron flew up croaking in a guttural tone. I shot at it but had nothing in except No. 12 and so did not get it. The pond was entirely surrounded by corn and had muddy banks around it making a good feeding ground.

Saw quite a number of Phoebes. They were either in the deep woods or along the track. A favorite perch was a telegraph wire or a wire fence. When I came along they usually flew into the willows. Those in the woods were tamer, and only flew short distances from one limb to another ahead of me.

Found a family of Bluebirds along the track and secured two immature birds. The plumage was the same as in the adult however.

Baltimore and Orchard Orioles were last

Orchard Oriole

Red-headed Woodpecker

September Bird List

seen September 20 but before that date they were heard singing or calling nearly every day.

In September 23 the last Red-headed Woodpecker was seen though why they should have disappeared I cannot see as there is a great abundance of acorns here.

This has been a very poor month for me.

- September, Bird List.
- | | | |
|---------|------------------------|-------------------------|
| Chewink | Cardinal | Spotted Sandpiper |
| | American Goldfinch | Catbird |
| | English Sparrow | Indigo Bunting |
| | Robin | Flicker |
| | Bluejay | Alder Flycatcher |
| | Downy Woodpecker | Yellow-throated Vireo |
| | Chicadee | Green Heron |
| | Red-bellied Woodpecker | Screech Owl |
| | Hairy Woodpecker | Bluebird |
| | Bronzed Grackle | Phoebe |
| | Brown Thrasher | Northern Yellowthroat |
| | Red-headed Woodpecker | Kingbird |
| | Chimney Swift | White-breasted Nuthatch |
| | Mourning Dove | Belt Vireo |
| | Wood Thrush | Ruby-crowned Kinglet |
| | Orchard Oriole | Kingfisher |
| | Baltimore Oriole | Red-tailed Hawk |
| | Yellow-billed Cuckoo | Nashville Warbler |
| | Night Hawk | Killdeer |
| | Acadian Flycatcher | Western House Wren |
| | Dickcissel | Bobolink |
| | Crow - Pine Siskin. | Tree Swallow |
| | Indigo Titmouse | Cooper Hawk |
| | Red-winged Blackbird | Great Blue Heron |

1222 *Astragalinus tristis*

1223 *Astragalinus tristis*

1224 *Astragalinus tristis*

1225 *Astragalinus tristis*

1226 *Dryobates pubescens*
medius

1227 *Passercula iliaca*

October 7, Saturday

1222. *Astragalinus tristis*. A. Wetmore. Santa Fe R.R. north of Lawrence, Kansas. iris brown. bill dark olive. base of mandible pale. tarsus dull brown. Length $4\frac{7}{8}$ wing $2\frac{1}{16}$ tail $1\frac{3}{16}$ 3 in. Stomach contents seeds

1223. *Astragalinus tristis*. A. Wetmore Santa Fe R.R. north of Lawrence, Kansas. iris dark brown. bill blackish brown. base of mandible pale. tarsus dull brown. Length $4\frac{7}{8}$ wing $2\frac{1}{16}$ tail $1\frac{7}{8}$ 3 in. Stomach contents seeds

1224 *Astragalinus tristis*. A. Wetmore Santa Fe R.R. north of Lawrence, Kansas. iris dark brown. bill very dark olive brown. base of mandible pale. tarsus dull brown. Length $4\frac{7}{8}$ wing 3 tail 2 2 in. Stomach contents seeds

1225 *Astragalinus tristis*. A. Wetmore. Santa Fe R.R. north of Lawrence, Kansas. iris dark brown. bill dark olive brown. base of mandible slightly buffy. tarsus dull brown. Length $4\frac{7}{8}$ wing $2\frac{1}{16}$ tail $1\frac{7}{8}$ 3 in. Stomach contents seeds.

1226 *Dryobates pubescens*. ^{medius} A. Wetmore. Kaw River north of Lawrence, Kansas. iris bright brown. bill dull brownish black. base of mandible slightly slate. tarsus very dark slate. Length $6\frac{5}{8}$ wing $3\frac{15}{16}$ tail $2\frac{1}{2}$ 3 in. Stomach contents insects

1227. *Passercula iliaca*. A. Wetmore Kaw River north of Lawrence, Kansas. iris brown. maxilla + tip of mandible dusky. rest of bill yellow. tarsus warm brown. Length $6\frac{3}{8}$ wing $3\frac{5}{16}$ tail $2\frac{5}{8}$ 3 in. Stomach contents. insects.

1228. *Agelaius phoeniceus* A. Wetmore. Kaw River north of Lawrence, Kansas. iris brown. maxilla and tip of mandible black. rest of bill slate. pale on base of gonyx. tarsus black. Length $7\frac{1}{4}$ wing $4\frac{1}{4}$ tail $2\frac{3}{4}$ 4 in. Stomach contents seeds

1229 *Agelaius phoeniceus*1230 *Agelaius phoeniceus*1231 *Agelaius phoeniceus*1232 *Melanerpes carolinus*

American Goldfinch

1229 *Agelaius phoeniceus*. A. Wetmore, Kaw River north of Lawrence, Kansas. iris brown. maxilla black. basal half of gonys buffy brown. rest of bill dull brown. Tarsus black. Length $8\frac{1}{2}$ wing $4\frac{1}{2}$ tail $3\frac{3}{16}$ ♂ in stomach contents corn + seeds

1230 *Agelaius phoeniceus*. A. Wetmore. Kaw River north of Lawrence, Kansas. iris brown. bill black. Tarsus black. Length $9\frac{1}{8}$ wing $4\frac{5}{16}$ tail $3\frac{5}{8}$ ♂ ad. stomach contents corn + seeds

1231 *Agelaius phoeniceus* A. Wetmore. Kaw River north of Lawrence, Kansas. iris brown. bill slaty black. Tarsus black. Length $9\frac{1}{8}$ wing 5 tail $3\frac{5}{8}$ ♂ ad. stomach contents seeds

1232 *Melanerpes carolinus*. A. Wetmore. Kaw River north of Lawrence, Kansas. iris reddish brown. bill dull black. base of gonys slate. Tarsus greenish slate. Length $9\frac{5}{8}$ wing $5\frac{1}{2}$ tail $3\frac{1}{4}$ ♂ in stomach contents insects.

This morning I went north along the Santa Fe. It was sunny but not too warm as it has been. In a waddy cornfield by the track was a flock of fifty or sixty American Goldfinches. They flew along nervously ahead of me and finally a number took the telegraph wires. They did not seem exactly wild but it was hard to see them in the weeds and I did not get a shot for several minutes. When I shot the rest of the flock flew up to the wires and altogether I got four. After each shot they rose in the air & after circling came back again. Always singly and in small flocks flew over at various times. All those taken were immature birds and all seemed the same.

Sandpiper

Turkey Vulture

Myrtle Warbler

Fox Sparrow

Red-winged Blackbird

Field Sparrow

Followed a sand bar for some distance. Along the edge of the pools and everywhere in the soft mud were snipe and sandpiper tracks but I did not see a single bird.

A single Turkey Vulture circled high up over the ~~willows~~. It saw me as I stepped out of the willows and turned and sailed slowly over me with wings at times slightly closed. Usually however the wings were widely spread so that the tips of the first primaries were separated. I have had them sail over me in this manner ~~in~~ several times.

Saw two or three Myrtle Warblers. They were down in the willows and were hard to find. Saw them last week also.

In some very thick weeds a bird flew up and lit a few feet away. I shot it and it was a Fox Sparrow. This the first one of the fall sparrows I have seen. It was in good plumage.

Numbers of Red-winged Blackbirds were seen. When it got warmer I found them in thick weeds along the edge of cornfields and also on the ground in the cornfields. They vary a great deal in size and I should not wonder if *u. p. fortis* is present. The ^{adult} males were secured from one flock and the other two from another bunch.

October 8, Sunday

This evening Fowler and I walked out west of town. In a pasture we came upon quite a flock of Field Sparrows. They were going to roost in clumps of buck brush on the side of the gullies. When scared up they usually gave a low Tsu and hid immediately in the brush.

Mourning Dove

Night hawk.

1233. *Nettion carolinensis*

1234. *Querquedula discors*

1235. *Querquedula discors*

1236. *Ceryle alcyon*

1237. *Parus atricapillus*

Six or eight Mourning Doves were seen flying over. They came down to drink about dusk at little pools. Two lit and saw me at once. They remained perfectly still for about five minutes. When they moved and first one and then the other flew. I also saw several Night hawks.

October 14, Saturday.

1233. *Nettion carolinensis*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris golden brown. bill dull dusky black. nail on mandible dull drab white. rami dull orange. tarsus drab. Length $14\frac{1}{2}$ wing $7\frac{1}{4}$ tail $2\frac{1}{2}$ ♂ im. stomach contents. seeds

1234. *Querquedula discors*. A. Wetmore, Kaw River north of Lawrence, Kansas, iris yellowish brown. maxilla dusky drab. tip of mandible same rest drab blue. skin on mandible dull orange. tarsus buffy drab. Length $15\frac{1}{8}$ wing $7\frac{1}{2}$ tail $2\frac{7}{16}$ ♂ im. stomach contents seeds

1235. *Querquedula discors*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill olive brown blotched with black. base of mandible dull orange. tarsus buffy drab. Length 15 wing $7\frac{1}{4}$ tail $2\frac{5}{8}$ ♀ im. stomach contents. seeds

1236. *Ceryle alcyon*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill dusky brown. base of mandible horn. tarsus dark slate. Length $9\frac{1}{4}$ wing $4\frac{1}{16}$ tail $3\frac{1}{8}$ ♀ ad. stomach contents. grubs

1237. *Parus atricapillus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. tarsus dark slate. Length $5\frac{1}{8}$ wing $2\frac{9}{16}$ tail $2\frac{7}{16}$ ♂ im. stomach contents. insects.

This morning I went north along the Kaw River. It was cloudy but the wind was blowing hard.

Prairie Horned Lark

Barn Swallow

Cardinal

Sharp shinned Hawk

Blue winged Teal

Green winged Teal

Red tailed Hawk

Saw three Prairie Horned Larks light on a bar. They called back and forth and one kept circling around. I shot at one as it came up but missed.

Five or six Barn Swallows also flew past skimming just above the sand. I thought they had gone south a long time ago. They were very inconspicuous while flying.

Because of the wind I was enabled to get close to several Cardinals. They would jump up almost at my feet and after flying a few feet pause to look at me.

I saw one very brilliant sharp-shinned hawk. A single sharp-shinned hawk flew across an opening in the willows. I looked for him in the afternoon but could not find him. In the afternoon I saw another at the foot of Mount Bend. It circled around me within easy shooting distance and had a bird of some kind in its claws.

Shot at a Crow and it dropped over in some woods. At the same time six Teal flew out over the river and began to circle swiftly back and forth just above the water. At last they lit on the edge of a bar. I went up that way and saw them sitting in a row at the edge of the water. When they flew I got four altogether. One was lost in the river however. The one was a Green wing and the other were Blue-wings. I don't know as I ever saw them mixed in this way before and a hunter that I met also remarked on this. One solution of this might be that a Green-wing had laid an egg in a Blue-wing's nest.

Saw a Red-tail circling over a cornfield

1238. *Dendroica coronata*1239. *Passerculus sandwichensis*
savanna1240. *Cardinalis cardinalis*1241. *Colaptes auratus luteus*1242. *Junco hyemalis*

October 21, Saturday.

1238. *Dendroica coronata* A Wetmore. Creek north of Kaw River Lawrence, Kansas. iris brown. bill very dark olive brown. tarsus black. Length $5\frac{3}{8}$ wing $2\frac{13}{16}$ tail $2\frac{1}{8}$ ♂ in stomach contents insects1239. *Passerculus sandwichensis savanna*. A. Wetmore Field north of Kaw River. Lawrence, Kansas, iris brown. maxilla dull brown. Mandible pale brown. base. bill buff. tarsus pale buffy brown. Length $5\frac{1}{4}$ wing $2\frac{3}{4}$ tail 2 ♂ in stomach contents seeds1240. *Cardinalis cardinalis*. A Wetmore. Creek north of Lawrence, Kansas, iris brown. bill rose red. tarsus brown. Length $8\frac{7}{8}$ wing 4 tail $4\frac{1}{2}$ ♂ in stomach contents seeds1241. *Colaptes auratus luteus*. A Wetmore. Creek north of Kaw River, Lawrence, Kansas, iris brown. bill dull black. tarsus greenish slate. Length $12\frac{1}{16}$ wing $6\frac{1}{8}$ tail $4\frac{5}{16}$ ♂ in stomach contents very berries1242. *Junco hyemalis*. A Wetmore. Creek north of Kaw River, Lawrence, Kansas, iris brown. bill buffy white. tip dusky. tarsus brown. Length 6 wing $3\frac{1}{8}$ tail $2\frac{1}{2}$ ♂ in stomach contents seeds

This morning it frosty and the sun shone. Mr. Best and I drove over north of the Kaw after ducks. We hunted all along the sloughs where ever possible but did not get a shot. Because of the clear weather, they were all flying high. Hunted first along Mud Creek. There were a great many birds here. Juncos were found along the edge of the thickets. They flew up into the trees on our approach but were hard to see on account of the leaves. Saw two. They chased each in and out around the limbs with scarcely a rest.

Found a party of 4 birds in one place. They were young ones but when I was there

Myrtle Warbler

Cardinal

Harris Sparrow

Secote Sparrow

Savanna Sparrow

Sparrowhawk

Killdeer

Wilson Snipe

Myrtle Warbler

bowing motions whenever two came together. The one that I shot had eaten my berries. These were not as wild as others that I have seen here.

Along this creek the trees were literally full of Myrtle Warblers. They kept changing their positions but could be heard constantly. I found about twenty Cardinals around a big log. When I came up they all scattered with many excited notes. I shot one male that was just getting over the molt. This probably explains why they are so wild at this season.

I heard the loud notes of the Harris Sparrow. Birds were very common.

In a grassy field several Secote sparrows were flushed. I shot two but could not find them. One came out right at my feet with a sharp toit of alarm. They were in a higher locality than I have seen them before seeming to keep more on the dry upland than along the gully.

There were a number of Savanna Sparrows in with the others. They came up quickly and flew farther than the Secote Sparrows. They were just as difficult to see on the ground too.

A Sparrowhawk lit on a telephone pole and began eating something that was held in its feet. It kept working its tail up and down nervously. I walked up to what I thought was a good distance and shot but got nothing but feathers.

One Killdeer flew over and a few Wilson Snipe were seen. Myrtle Warblers were found in the thicket woods along the road.

Lefted Titmouse

Long billed Marsh Wren

Harris Sparrow

White crowned Sparrow
Savanna Sparrow

Song Sparrow
Crow

Red tailed Hawk

vesper Sparrow

October 22, Sunday.

This morning I walked out south to the Wararusa River. Heard the song of the Lefted Titmouse for the first time this fall. They were found in the timber along the draws and the river, with the chickadees. Their queer complaining notes could be heard frequently but their gray forms were hardly ever seen.

In a hedge I heard a queer chaff chaff that sounded familiar but I could not place it. Even when I saw that the bird was a Wren I could not remember it. It hopped around usually out of sight and finally went down into the thick grass at the bottom of the hedge. I scared it out and it flew a few feet behind cover and then I got a glimpse of it. It was a long billed Marsh Wren.

Sparrows were very common in the hedge and woods. Harris Sparrows just arrived flew noisily ahead of me. The larger part of the seemed to be adults. There was also one young White-crown in with them.

Savanna Sparrows were common along the roadside on the uplands. They would fly up on the fence and sit there a minute and then go on. Heard ~~the~~ familiar chime of the Song Sparrow twice.

Crows were abundant. A flock of about one hundred circled around something in a marsh cawing loudly. Others came from all directions to join them. Later I saw them loitering. A pair of red-tailed hawks in the air swooping down past them and following them. I saw a pair of vesper sparrows on the road. They flew over into a field and I watched them for a few minutes.

1243. Zonotrichia albicollis
D. W. Moore
Lawrence, Kansas

1244 Junco hyemalis

1245. Passerella iliaca

Fox Sparrow

White crowned Sparrow

Junco

English Sparrow

Mallard

Chimney

October 26, Thursday.

1243. Zonotrichia albicollis D. W. Moore. Mount
Aread, Lawrence, Kansas brown. mandible and
tip of mandible dusky rest dull buffy brown.
tarsus brown. Length 6 1/2 wing 2 13/16 tail 2 13/16 Pin
Stomach contents seeds.

1244. Junco hyemalis D. W. Moore. Mount Aread
Lawrence, Kansas, iris brown. nostrils and tip of
bill dull brown. rest buffy white. Tarsus brown.
Length wing 3 7/8 tail 2 1/2 Pin Stomach contents
seeds

1245. Passerella iliaca. D. W. Moore. Mount Aread,
Lawrence, Kansas, iris brown, mandible and tip
of mandible brown. rest of bill buffy yellow.
Tarsus brown. Length 6 3/4 wing 5 1/2 tail 2 3/4 Pin.
Stomach contents seeds

Sought No. 10. B. K. and I went up on the
hill west of A. H.

It was a thick bushy place with openings
grown up with weeds. Fox Sparrows were very
common. One was shot. They were heard
frequently but not seen. They went to roost low
down.

Got one White-throated Sparrow. It was a
young one in the first plumage.

Junco were very abundant. They went
to roost in the trees, bushes and any other suitable
place. Dozens of them were seen.

English Sparrows were roosting in a vine
on the eave of a house. I scared them out several times
but they always returned.

About three hundred Mallard flew over
toward the south in a long line. They kept well
strung out and changed front continually. They
were too near for a shot.

Several Chimney were seen but I could
not get a shot.

1246. *Certhia familiaris americana*

1247. *Icthyophaga ludoviciana*

1248. *Melospiza georgiana*

1249. *Zonotrichia albicollis*

1250. *Cardinalis cardinalis*

1251. *Cardinalis cardinalis*

1252. *Merula migratoria*

October 25, Saturday.

1246. *Certhia familiaris americana* W. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla & tip of mandible dusky rest dull white. tarsus pale bill brown. ^{length} 5 1/2 wing 2 7/8 tail 2 1/2. Pin. Stomach contents insects.

1247. *Icthyophaga ludoviciana* W. Wetmore. Kaw River north of Lawrence Kan. iris brown maxilla dusky brown mandible very pale slaty. tarsus brown. length 5 1/2 wing 2 5/8 tail 1 7/8 Pin. Stomach contents insects.

1248. *Melospiza georgiana* W. Wetmore Santa Fe R.R. north of Lawrence, Kansas iris brown. maxilla and tip of mandible dusky rami greenish slaty. base of gonyx dull buff. tarsus brown. length 5 1/2 wing 2 7/8 tail 2 3/4 Pin. Stomach contents seeds.

1249. *Zonotrichia albicollis* W. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla brown base of gonyx dull buff rest pale slaty. tarsus brown. length 6 1/4 wing 2 7/8 tail 2 3/4 Pin. Stomach contents seeds.

1250. *Cardinalis cardinalis* W. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill pale red. tarsus brown. length 9 1/8 wing 3 7/8 tail 4 1/8 Pin. Stomach contents seeds.

1251. *Cardinalis cardinalis* W. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill pale red. culmen except on tip and spot near root on mandible dull brown. tarsus brown. length 9 1/2 wing 3 13/16 tail 4 1/8 Pin. Stomach contents seeds.

1252. *Merula migratoria* W. Wetmore. Kaw River north of Lawrence Kansas iris brown. bill black. tarsus very dull brown. length 9 1/2 wing 5 1/4 tail 3 3/4 Pin. Stomach contents grapes.

1253. *Agelaius vociferus* W. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. tarsus brownish buff. darker behind. length 10 wing 6 1/16 tail 4 3/8 Pin. Stomach contents insects.

1254. *Regulus vociferans*

Cardinal

Killdeer

Scrub Owl

White-throated Sparrow

Great Horned Owl

1254. *Regulus vociferans* (Wilson) New River north of Lawrence, Kansas iris brown bill black. tarsus brownish buff. paler behind. Length 4 7/8 wing 6 5/8 tail 4 1/4. Stomach contents insects.

This afternoon I went up the river. It was cloudy and rather cold.

Birds were rather scarce at first. Cardinals are becoming prominent now that it is cooler and they are done moulting. I found them in all the thick brush today. They scolded me vigorously and hopped around in the weeds. Frequently one took a perch and sat there looking around for some time. I drove them along in front of me for considerable distances. Another one was shot but I could not use it as it was shot up badly.

Along the sandbars were twenty or thirty Killdeer. They were spread out in small bunches feeding usually along the edge of the water though sometimes back away from it. I got two at one shot another one that was with them at a few rods away and sat there for some time. They usually flew low down but sometimes when going for a long distance rose into the air.

Heard a great deal of disturbance in some woods among the small birds. I got up within twenty feet of them but could not see the scrub owl they were scolding. When it flew they all spread out quickly. One White-throated Sparrow passed me like a shot I did not see the owl but know what it was from the signs. It had been eating a Fox Sparrow.

also saw a Great Horned Owl fly out I could not find it again

White-throated Sparrow

Brown Creeper

Carolina Wren

Sandhill Crane

Swamp Sparrow

Robin

The bushes here were very dense but I made my way through them the best I could. Towards dusk the birds became more active. White-throated Sparrows were common in this tangle. They were hard to see as if frightened them a head of me. Sometimes I could hear them all around but could not see a one. They called *teet* and *tee*. One was shot.

Got one brown creeper. It came out on a vine calling and I got it almost the first thing. There were one or two others around but although I looked carefully could get no other shots. One kept on trunk which were shielded by leaves and vines, contrary to their usual habit.

I did not see a single Carolina Wren during the whole afternoon but at dark they began to call from the brush-piles. The note given was *tee-e-e-e* like one of the notes of the English Sparrow. They kept this up for some time. There must have been half a dozen of them. I shot one but after a few minutes the others resumed calling but ceased when I approached. The one that I shot came scolding out through the woods to meet me. She sang a few notes.

Six sandhill cranes flew very funny their honking note. I thought at first that they were geese. They kept right on going down the river with steady wing beats.

On my way home a Swamp Sparrow flew into some grass near me and I shot by guess and got it. Saw several others but it was too dark to shoot. They were in the grass along a little creek.

A flock of Robins flew over calling. farther on I found them sitting quietly in the top of a dead tree and I got one of them.

Red-winged Blackbird
Bronzed Grackle.

Mallard.

1255 *Cyrtus americana*

1256 *Anas boschas*

1257 *Anas boschas*

Several nights lately I have seen the large flock of Red-winged Blackbirds and Bronzed Grackles that roost in town. They flew around in large flock from one tree to another making a great deal of noise. When they flew their wings made a loud rushing sound. Bunches of 10 at a time kept circling around just above the trees. They would fly for no apparent reason with a great rush of wings. One I saw the whole flock in the air. There were more than one thousand of them after circling around in a long dense flock they dropped into the park where I think they roost.

This morning when I came out of the door the first thing I saw was a mallard sitting quietly in a neighbor's yard. I watched it a while and then went over there. It walked around a little quacking and I flew across the street I followed it and cornered it by a noise and nearly caught it in my hand as it flew out. It was a drake in good plumage. It flew over a barn and I did not follow it further. It had been in with some tame ducks earlier in the morning. I think that it had been shot a little down by the river and had dropped up here.

Oct 29 Sunday

1255. *Cyrtus americana* R. Hunt North of Kaw River Lawrence, Kansas, iris brown. bill black. tarsus dusky. Length $19\frac{1}{2}$ wing $8\frac{13}{16}$ tail $2\frac{3}{16}$ ♀ ad. Stomach contents seeds

1256. *Anas boschas* R. Hunt North of Kaw River Lawrence, Kansas, iris brown bill mainly dull orange nail part of culmen and tip of mandible very dull brown. tarsus orange brown. Length $22\frac{1}{4}$ wing $10\frac{5}{16}$ tail $3\frac{1}{4}$ ♀ ad. Stomach contents seeds

1257 *Anas boschas*, R. Hunt North of Kaw River Lawrence

Aythya americana

1258 *Gallinago delicata*

Wilson Snipe

Aythya affinis

1259 *Aythya affinis*

1260 *Aythya affinis*

1261 *Astragalinus trichis*

1262 *Larus delawarensis*

Kansas, iris brown. base of maxilla and mandible dull orange. rest of bill including tip of mandible dull brown. tarsus orange brown. Length $21\frac{3}{4}$ wing $10\frac{3}{8}$ tail $2\frac{3}{4}$ ♀ ad. stomach contents seeds.

This morning Koscoe, Hunt gave me three ducks which he had found in a pasture they had been shot north of the Kaw River. I had never seen *Aythya americana* in the flesh before. It was a good specimen though a female.

October 30, Monday.

1258 *Gallinago delicata*. Mr. Brown of N. U. Lawrence, Kansas, iris brown. tip of bill dull black, base changing to brown. tarsus greenish drab. Length $10\frac{1}{6}$ wing $5\frac{1}{8}$ tail $2\frac{1}{8}$ ♂ im. stomach contents worms.

This noon Mr. Bunker gave me a specimen at the museum which had been shot by Mr. Brown. He also had two *Aythya affinis*. The snow last night has brought ducks down in great numbers. They keep along the river. River men say that they are more numerous than for many years before.

Oct. 31, Tuesday

1259 *Aythya affinis*. A. Wetmore, Kaw River north of Lawrence, Kansas iris yellow. bill slate blue. nail dusky. tarsus dull drab green. Length $16\frac{1}{4}$ wing $8\frac{3}{8}$ tail $2\frac{5}{16}$ ♀ ad. stomach contents gravel.

1260. *Aythya affinis*. Thornton, Kaw River north of Lawrence, Kansas iris yellowish brown. bill drab slate. nail dusky. tarsus greenish drab. Length $15\frac{1}{2}$ wing $8\frac{1}{8}$ tail $2\frac{1}{8}$ ♀ ad. stomach contents seeds & gravel.

1261. *Astragalinus trichis*. A. Wetmore, Kaw River north of Lawrence, Kansas iris brown. base of mandible brownish buff. rest of bill dark brown. tarsus light brown. Length $4\frac{3}{4}$ wing $2\frac{1}{16}$ tail $1\frac{7}{8}$ ♂ im. stomach contents seeds.

1262. *Larus delawarensis* iris yellow. bill greenish drab. dusky band around it in front of nostril. tarsus dull greenish yellow.

Mallard

Blue-winged Teal

Lesser Scaup Duck

Ruffed Grouse

Ring-billed Gull

Length $20\frac{1}{4}$ wing $15\frac{1}{4}$ tail $5\frac{3}{4}$ T. in. & stomach empty. Shot by A. Wetmore Kaw River, north of Lawrence, Kansas.

This morning I got up about 4:30 and went up in the Bend on the Kaw River. It was cold and frosty and a thin skin of ice had formed on the pools. Ducks began flying before it was light up and down the river. Mallards flew by with whistling wings or quacked loudly on the water exactly as the same duck does.

Teal of both species were common. They whizzed past as though shot from a gun. The Blue-wings called occasionally. They flew swifter than any of the other birds.

The most common Ducks of all were the Lesser Scaups. There were hundreds of them. They flew up and down and after much circling, lit in the center of the river. Their wings whistled when they flew. The only note I heard them give was a high quack. They usually kept well out in the center of the water but sometimes came up along the bar. One swam up past my blind ~~out~~ of range. I shot at it but did not frighten it until it stood up when it ~~swam~~ rapidly away. I shot two of these. On the water they sat quietly. They did not always fly when I shot and when they did, did not go very far. Their gizzards were filled mostly with sand, and fine gravel.

One hunter that I saw had a female Ruffed Grouse. I also saw another. It swam out from shore and they flew but I missed it.

Six Ring-billed Gulls were seen. They looked immense on the wing. They sailed and circled around almost always over the water. One lit once at the edge of the water on the bar.

Screech Owl

Sagepland Songspur

Pied-billed Grebe

American Coot

Another followed along behind a flock of Scaup ducks. Heard them call harshly several times. They handled themselves very well in the air, circling and sailing gracefully around. Found one dead one lying on a bar. We kept around me closely all the while and at the first chance I shot it. This was my first gull and I felt pretty good over it. It dropped in the water but I got it out further down.

At Daybreak the Screech Owls were calling vigorously. One sat in a tall cottonwood in town and others were along the river. It was too dark to see them. They seemed to have a louder more insistent tone than at other junctures.

At Daylight two Sagepland Songspurs flew over and did not see them but recognized their notes. They went due south. I expect to get them again this winter.

Half a dozen Pied-billed Grebes were seen. Two came out from the banks as it came along, any other were seen in the water. A Hunter had shot two there was a great deal of difference in their size. I shot at one but it dove.

Three American Coots were seen. One was flying slowly up stream. Its white wings showed very plainly.

Another flock of Sandhill Cranes went over. They went on down the river as the others did. I wish I could get a shot at them. I think that they could be reached with a small bore rifle. At any rate I would like to try it on them.

October

October

Big list

American Goldfinch
 English Sparrow
 Robin
 Bluejay
 Chickadee
 Red-billed Woodpecker
 Hairy Woodpecker
 Bronzed Grackle
 Chimney Swift
 Mourning Dove
 Night Hawk
 Crow
 Indigo Bunting
 Red-winged Blackbird
 Catbird
 Flicker
 Bluebird
 White-breasted Nuthatch
 Ruby-crowned Kinglet
 Cooper Hawk
 Cardinal
 Downy Woodpecker
 Kingfisher
 Western House Wren
 Carolina Wren
 Turkey Vulture
 Myrtle Warbler
 Fox Sparrow
 Sharp-shinned Hawk
 Red-tailed Hawk
 Blue-winged Teal
 Green-winged Teal
 Bittern
 Barn Swallow
 Heron
 Phoebe

Killdeer
 Golden-crowned Kinglet
 Brown Creeper
 Junco
 Harris Sparrow
 Savannah Sparrow
 Leconte Sparrow
 American Sparrowhawk
 Wilson Snipe
 Purple Finch
 vesper Sparrow
 Long-billed Marsh Wren
 Lincoln Sparrow
 Song Sparrow
 White-crowned Sparrow
 White-throated Sparrow
 Mallard
 Screech Owl
 Swamp Sparrow
 Great Horned Owl
 Canada Goose
 Green Heron
 Red Head
 Lesser Scaup Duck
 Pied-billed Grebe
 Bullhead
 Sapsucker
 Ring-billed Gull
 American Coot

1263. *Syrnium varium*

Burred Owl

1264. *Aegialitis vocifera*

1265. *Aegialitis vocifera*

1266. *Aegialitis vocifera*

1267. *Spizella monticola*

1268. *Carpodacus purpureus*

1269. *Merganser americanus*

November 2, Thursday.

1263. *Syrnium varium*. J. Siler Lawrence, Kansas, iris brown. bill yellow changing to greenish at base. inside of toes dusky yellow. claws dusky. Length $2\frac{1}{8}$ wing $1\frac{1}{2}$ tail $9\frac{1}{2}$ ♀ ad. Stomach contents a bat.

One the 3rd of Nov was given a Barred Owl shot the day before. In its stomach were the bones and hair of a bat. How the owl had come caught it will always be a mystery to me. The skull was undeniably that of a bat.

November 4, Saturday.

1264. *Aegialitis vocifera*.^{no.} Kaw River north of Lawrence Kansas, iris brown bill black tarsus greenish drab. Length $9\frac{5}{8}$ wing $6\frac{3}{4}$ tail $4\frac{1}{8}$ ♀ im. Stomach contents insects

1265. *Aegialitis vocifera*. A. Wetmore Kaw River north of Lawrence, Kansas, iris brown. bill black. tarsus dull buffy brown. Length $9\frac{1}{8}$ wing $6\frac{3}{4}$ tail $4\frac{1}{8}$ ♀ im. Stomach contents insects

1266. *Aegialitis vocifera*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. tarsus drab brown. Length 10 wing $6\frac{9}{16}$ tail $4\frac{3}{8}$ ♀ im. Stomach contents insects.

1267. *Spizella monticola*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla + tip of mandible dusky. base of culmen dull brown. rest of bill yellow. tarsus brown. Length $5\frac{3}{4}$ wing $2\frac{3}{4}$ tail $2\frac{1}{16}$ ♀ im. Stomach contents seeds.

1268. *Carpodacus purpureus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill dusky. tip of mandible lighter. tarsus dark brown. Length $6\frac{1}{8}$ wing $3\frac{5}{16}$ tail $2\frac{1}{4}$ ♀ im. Stomach contents seeds.

1269. *Merganser americanus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris golden brown.

mandible reddish orange. nail horn. maxilla
 very dull orange brown nail horn + tarsus
 dull orange. front of toes + tarsi slightly brown.
 Length $22\frac{1}{8}$ wing $16\frac{3}{16}$ tail $2\frac{1}{8}$ Stomach
 contents

Killdeer

This morning about daylight I
 took a boat and went up the river. It was
 warm but about seven o'clock began to
 rain and rained all the forenoon.

On the bar on one side were a number
 of Killdeer. When I came up they began to
 run up together and later up and down.
 I got one on the ground and one flying.
 Later I found a single one in the rain.
 All those taken were females and two
 others taken before this in the same place
 were females.

Tree Sparrow

Here a couple of Sparrows calling
 along the shore and went after them. They
 skulked along through the woods in a nervous
 manner calling occasionally. I got
 both I think but only found one. They were
 Tree Sparrows.

Carolina Wren

Birds were hard to get because of
 the rain. Heard a Carolina Wren. The fellows
 at the museum say they are rare here.

Purple Finch

A bird flew up a few feet away in the
 brush and I shot it. It proved to be
 a Purple Finch.

Mallard

One flock of seven Mallards flew over
 and then swung off with loudly
 whistling wings to the north. Three Lesser
 Scaup Ducks lit in the water. When I
 came near they went towards shore
 and began to swim back and forth
 nervously. They flew before I got in
 range.

Crow

Red-winged Blackbird

American Merganser

1270. *Rallus elegans*1271. *Colymbus auritus*

Several Crows came down and began to feed on a bar. They walked quickly up and down seeming to be intent only on something to eat. While in the woods I cawed at one but it was suspicious and would not come near.

Red-winged Blackbirds were seen flying back and forth in small flocks. They would not come near me however.

When I had started home a large duck came flying along the surface of the water right up behind me. It was a long shot but I managed to wing the bird. I thought it was a Mallard when I first saw it. When hit it gave a low quack. It dove almost immediately and I chased it around for nearly ten minutes in a heavy rainstorm before I could get near enough for another shot. When it did come it sat so low in the water that it was hard to see. When I got it I found that it was a fine American Merganser the first one I had ever seen. The bill was long and the notches looked like teeth and were strongly curved backward. The body was long and very flat and the wings seemed small.

Nov. 5, Sunday.

1270. *Rallus elegans*. H. Martin. North of Kaw River, Lawrence, Kansas. iris brown. maxilla blackish brown. tip of mandible dull brown. rest dull reddish brown. tarsus slaty drab. Length $15\frac{1}{4}$ wing $6\frac{1}{2}$ tail $2\frac{1}{2}$ Pin. seeds.

1271. *Colymbus auritus*. H. Martin. North of Kaw River, Lawrence, Kansas, iris reddish brown. maxilla dusky. mandible dull brown. tarsus dull green lobes of toes

King Rail
Horned grebe

Crymophilus fulvicaeus

1272. *Larus philadelphia*

1273. *Larus franklinii*

1274. *Parus atricapillus*

1275. *Parus atricapillus*

Lawrence, Kansas

Nov 11, 1891

with edges black. Length 12 1/2 wing 4 7/8 tail 7.
Pin. stomach contents feathers.

Today Mr. Martin presented me with a King Rail and a Horned grebe which he had got on a slough north of Lawrence. The grebe was an addition to my collection and I was very glad to get the Rail.

Mr Brown of the University took a specimen of *Crymophilus fulvicaeus* today at Lake View. He flushed it out of the grass and shot it. It was along. The bird is the first one taken in the state and was sent in to the K.U. Museum. It was too badly shot up to mount but made a fine skin. The bird was a female and the white tips to the feathers were just covering the red underparts.

November 9, Thursday.

1272. *Larus philadelphia* taken at Lawton Okla. iris brown. bill dull black. base dull brown. tarsus dull black. tarsi brown. Length 14 3/4 wing 11 1/2 tail 3 3/4
♀ im. stomach contents insects.

1273. *Larus franklinii* taken at Lawton, Okla, iris brown. bill black. tip of gonys and culmen and ramus reddish. tarsus very dark reddish brown. Length 14 1/2 wing 11 1/2 tail 4 ♀ ad. stomach contents insects.

Mrs. E. R. Davis of Lawton Okla today sent in these two gulls to Dr. Snow. They were beginning to spoil and were given to me.

November 11, Saturday.

1274. *Parus atricapillus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill dull black. tarsus slate. Length 5 wing 2 1/6 tail 2 5/16 Pin. stomach contents insects

1275. *Parus atricapillus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill dull black tarsus slate Length 5 1/2 wing 2 3/4 tail 2 3/4 Pin. stomach contents insects

1276. *Parus atricapillus*

1277. *Spizella monticola*

1278. *Spizella monticola*

1279. *Melospiza cinerea melodia*

1280. *Oryzobates pubescens*

1281. *Cardinalis cardinalis*

1282. *Dryobates villosus*

1283. *Coccyzus erythrophthalmus*

1276. *Parus atricapillus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill dull black. tarsus slate. Length 5 1/16 wing 2 1/2 tail 2 5/8 ♀ im. Stomach contents insects

1277. *Spizella monticola*. A. Wetmore. Kaw River north of Lawrence, Kan. iris brown. maxilla & tip of mandible brownish black. rest of mandible yellow. tarsus dull brown. Length 6 wing 3 tail 2 1/16 ♀ im. Stomach contents seeds.

1278. *Spizella monticola*. A. Wetmore. Kaw River north of Lawrence, Kan. iris brown. maxilla & tip of mandible brownish black. rest of mandible yellow. base of culmen brown. tarsus dull brown. Length 5 3/4 wing 2 7/8 tail 2 1/2 ♀ im. Stomach contents seeds.

1279. *Melospiza cinerea melodia*. A. Wetmore. Kaw River, north of Lawrence, Kan. iris brown. maxilla brownish black. base of gonyx dull buff. rest of mandible & maxillary tomia greenish slate. tarsus light brown. Length 6 1/4 wing 2 1/16 tail 2 5/8 ♂ im. Stomach contents. seeds.

1280. *Oryzobates pubescens medianus*. A. Wetmore. Kaw River, north of Lawrence, Kansas, iris brown. bill slaty black. paler beneath tarsus greenish drab. Length 6 1/2 wing 3 3/4 tail 2 5/16 ♀ ad. stomach contents. insects.

1281. *Cardinalis cardinalis*. A. Wetmore. Kaw River, north of Lawrence, Kansas, iris brown. bill pale red. tarsus brown. Length 8 1/2 wing 3 3/4 tail 3 7/8 ♂ im. Stomach contents seeds.

1282. *Dryobates villosus*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill slaty black. base of mandible paler. tarsus greenish drab. Length 8 3/4 wing 5 tail 3 3/16 ♀ ad. Stomach contents. grubs.

1283. *Coccyzus erythrophthalmus*. Jas Beck. Mount Oread, Lawrence Kansas, iris yellow. bill black. cere greenish

Lesser Scaup Duck

Chicadee

Carolina Wren

Sharp shinned Hawk

1284. *Quiscalus quiscula oeneas*

1285. *Passerella iliaca*

1286. *Melospiza cinerea melodia*

tarsus dull yellow Length $3\frac{1}{4}$ wing $8\frac{1}{8}$ tail $6\frac{1}{4}$
(taken from skin.) Fin. stomach contents. a
sparrow

This morning I went up the river again in a boat. Only saw three Lesser Scaup Ducks and did not get a shot at them.

Secured three Chicadees and made good skins of them.

Heard several Carolina Wrens but it was impossible to secure them in the bush. saw one and shot at it but think I missed, as I could not find it. It hid itself in the brushpiles and was hard to follow. When I first heard it was singing from a perch about 10 feet from the ground.

Mr. Beck shot a Sharp shinned Hawk and gave it to me.

November 18, Saturday

1284. *Quiscalus quiscula oeneas* A. Wetmore, Kaw River north of Lawrence, Kansas, iris yellowish white. bill black. Tarsus black. Length $10\frac{3}{4}$ wing $5\frac{3}{16}$ tail $4\frac{1}{2}$ ♀ ad. stomach contents seeds.

1285. *Passerella iliaca* A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla brown. base of ulnae, maxillar tomia and basal half of mandible yellow shading on mandible to brown at tip Length $7\frac{1}{8}$ wing $3\frac{5}{8}$ tail $2\frac{1}{16}$ Fin. stomach contents seeds.

1286. *Melospiza cinerea melodia* A. Wetmore Kaw River, north of Lawrence, Kansas. iris dull brown. maxilla and tip of mandible blackish brown. base of mandible pinkish white, sides pale slate. Tarsus brown. Length 6 wing $2\frac{1}{16}$ tail $2\frac{5}{8}$ Fin. stomach contents seeds.

1287. *Junco hyemalis*

1288 *Spizella monticola*
Lark, Wetmore
Los Angeles Calif
11/10/1917

1289 *Spizella monticola*

1290. *Asbrogalinus tristis*

Junco

1287. *Junco hyemalis*. @ Wetmore. Kaw River north of Lawrence, Kansas, iris brown. nostrils and tip of bill dusky rest pinkish white. tarsus brown. Length $5\frac{7}{8}$ wing $3\frac{1}{8}$ tail $2\frac{5}{8}$ ♂ im stomach contents seeds.

1288 *Spizella monticola*. @ Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla and tip of mandible dusky. base of culmen brownish. rest of bill yellow. tarsus dark dull brown. Length 6 wing $3\frac{1}{8}$ tail $2\frac{3}{4}$ ♀ im stomach contents seeds

1289. *Spizella monticola*. @ Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. maxilla and tip of mandible blackish brown. base of culmen brown. rest of bill yellow. tarsus dark brown. Length 6 wing $2\frac{15}{16}$ tail $2\frac{5}{8}$ ♀ im. stomach contents seeds.

1290. *Asbrogalinus tristis*. @ Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. base of mandible pale buffy white tarsus brown. Length $4\frac{7}{8}$ wing $2\frac{7}{8}$ tail $1\frac{13}{16}$ ♀ ad. stomach contents seeds

This morning I went up along the Kaw. Rather a cool north wind was blowing. Ran into several large flocks of *Junco*. They were hard to see though and kept well hidden in the cornfields or in the brush. When they came up they were always only a few feet away and when they lit they were out of sight.

Along with the *Junco*s were numbers of Tree Sparrows. They called and one or two attempted to sing. Some of them seem to have very poor tail feathers now. In flying from one place to another they sometimes got high in the air. After I had disturbed them they always vanished.

Aythya affinis

Lapland Song Sparrow

Prairie Horned Lark

Northern Shrike

Bronzed Grackle

Red-winged Blackbird

Sialia fusca

Saw about thirty ducks along the river as near as I could tell all were *Aythya affinis*. The greater part of them were at any rate. Several flew past me with great swiftness as I stood in some weeds. Another large came down to the water as if to light and then rose up and went out further. In flight the difference between the breast and the belly showed plainly.

Lapland Song Sparrows were flying over almost constantly. They were going in a southerly direction and were high up in the air. None were near enough the ground for a shot.

Prairie Horned Larks were also flying. They kept rather lower than the Song Sparrows and were indifferent as to what direction they went. None of them seemed to be lighting.

In one place I found a common House Mouse hung in a notch on a willow. I knew ^{that} a Shrike had killed it and looked around in the tree but could not find it. Later I heard it calling and saw it in a tree. It flew a couple of times and I finally lost track of it.

Saw a single Bronzed Grackle in the top of the tree calling and moving around nervously. As I went towards it, it flew over me and I shot it. It was a female and is the smallest one I think I ever saw. The colors were well marked.

Red-winged Blackbirds were also appearing more than usual. This is the latest in the year I have seen I. g. aeneus.

1291. *Nethion carolinensis*

1292 *Nethion carolinensis*

Green-winged Teal
Mallard

1293. *Spizella monticola*

1294 *Spizella monticola*

1295. *Cardinalis cardinalis*

1296 *Junco hyemalis*

November 19, Sunday.

1291. *Nethion carolinensis*. E Brown. Lake view, Lawrence, Kansas, iris yellowish brown. bill dull black. tarsus drab. Length $14\frac{3}{4}$ wing $7\frac{1}{8}$ tail $2\frac{3}{4}$ Feet. Stomach contents seeds.

1292. *Nethion carolinensis*. E Brown. Lake view, Lawrence, Kansas, iris yellowish brown. edges of bill dusky, rest dull drab slate. tarsus drab. Length $14\frac{7}{8}$ wing $7\frac{1}{2}$ tail $2\frac{5}{8}$ Feet. Stomach contents seeds.

This morning Mr. Brown of K. U. gave me two green-winged teal. He also had a male Mallard in full ^{plumage}.

November 25, Saturday.

1293. *Spizella monticola*. Q. Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. maxilla + tip of mandible blackish brown. rest of bill yellow. tarsus dark dull brown. Length 6 wing $2\frac{15}{16}$ tail $2\frac{3}{4}$ im. Stomach contents seeds.

1294. *Spizella monticola*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. maxilla + tip of mandible blackish brown. rest of mandible as above. base of culmen faintly yellow. tarsus dull brown. Length 6 wing $3\frac{3}{16}$ tail $2\frac{3}{4}$ Feet. Stomach contents seeds.

1295. *Cardinalis cardinalis* A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill reddish orange. base of culmen tinged with brown. tarsus brown. Length $8\frac{1}{2}$ wing $3\frac{7}{8}$ tail $4\frac{5}{16}$ Feet. Stomach contents seeds.

1296. *Junco hyemalis*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. tip of maxilla and nostrils dusky rest of bill pinkish white tinged with slate on the mandibular tomia. tarsus light brown. feet darker. Length 6 wing $3\frac{5}{16}$ tail $2\frac{11}{16}$ Feet. Stomach contents seeds.

1297. *Junco hyemalis*. Q. Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. tip of maxilla

1298. *Parus bicolor*

1299. *Melospiza cinerea melodia*

1300. *Dryobates pubescens medianus*

Tree Sparrows

dusky. nostrils dull brown. rest of bill pinkish white. tinged with slate on mandibular tomia. tarsus brown. feet darker. Length 6. wing $3\frac{3}{16}$ tail $2\frac{5}{8}$ Gape stomach contents seeds

1298. *Parus bicolor* A. Wetmore. Kaw River north of Lawrence, Kansas, iris dark brown. bill black. tarsus slate. Length $6\frac{1}{4}$ wing $3\frac{1}{8}$ tail $2\frac{3}{4}$ 7 im. Stomach contents insects

1299. *Melospiza cinerea melodia*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. base of gonyx dull buff. rest of mandible & maxillary tomia dull drab slate. rest of maxilla blackish brown. tarsus light brown. Length $6\frac{1}{4}$ wing $2\frac{5}{8}$ tail $2\frac{1}{2}$ Gape. Stomach contents seeds.

1300. *Dryobates pubescens medianus* A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill dull slate. base of mandible lighter tarsus greenish slate. Length $6\frac{1}{4}$ wing $3\frac{1}{16}$ tail $2\frac{1}{4}$ Gape. Stomach contents. grubs.

This morning I went north along the Kaw River. Tree Sparrows were common. They were in the woods and if I simply passed along the path I would not see them at all but would only hear their notes. Only when I went right out through the woods would I find them and then they were soon out of sight again. As the sun became warm they came out into low grass and bushes in the warm air and called and sang quite a good deal.

There were quite a number of Song Sparrows scattered about through the weeds. They were usually silent although an occasional one called. The one that I shot was hopping nervously around a bush pile. Juncos were common. They whipped up ahead of me everywhere. When the air grew warm they got clear into the tops of the trees.

Chicadee
Tufted Titmouse

Cardinal

Hairy Woodpecker

Downy Woodpecker

Bluebird
Prairie Horned Lark
Tupelo Kingfisher

1301 *Agelaius phoeniceus*

Saw just one Tufted Titmouse and secured it. It was with some Chicadees and was exploring the crevices of the limbs carefully. It scolded loudly and made rather long flights so that I was afraid I was going to lose it.

Cardinals were very abundant. They also came out into the tree tops to enjoy the sun. Shot one adult female and saw several others. The males always seem to be seen first. Heard them give a low chuck a note that I have never heard before from this bird.

Hairy Woodpeckers were common. They called anxiously whenever I came around. One when through a curious action that I saw once before. He flew across an open space turning himself first to one side and then to the other so that his wings made almost a perpendicular line with the earth. At the same time he called Kee Kee Kee Kee shrilly.

Downy Woodpeckers were found all through the woods in the fields. They climbed up and down the wood stems quite as if they were limbs of trees and pecked at them vigorously for grubs. They were very tame also and only flew short distances ahead of me.

Bluebirds were flying high up in the air as were Prairie Horned Larks and Tule Wren Songspurs.

November 26 Sunday.

1301. *Agelaius phoeniceus*. ♀ Wetmore Wakarusa bottom Southwest of Lawrence Kansas, iris brown. Bill black. Tarsus black. Length $9\frac{3}{8}$ wing $4\frac{7}{8}$ tail $3\frac{3}{4}$ Feet. Stomach contents seeds.

This morning Fowler, Hunt and I

Sapland Songspur

Common Rough-legged Hawk

Tree Sparrow

White-rumped Shrike

Red-winged Blackbird

Buteo harlanii

1302 Passer domesticus

1303 Passer domesticus

went out through the Wakarusa bottoms. It was good country but birds seemed rather scarce. Saw a small flock of Sapland Songspurs feeding near a barn. They first attracted my attention by a few low notes.

Saw several American Rough-legged Hawks. Some were sitting and some flying. They looked immense. One turned and came sailing over us in easy range. They soared like the Red tails.

A White-rumped Shrike was seen in a hedge. All the tree sparrows and juncos were much excited over it but did not take much pains to hide. The shrike would hop down behind the thicket part but instead of remaining still would move around until it was again in sight. Finally it flew for quite a distance and we lost track of it.

Found a Red-winged Blackbird hanging in the hedge that some one had shot that morning & took it home and skinned it.

November 27, Monday.

This morning some one brought in a fine specimen of Buteo harlanii to the museum. It was the first one I ever saw. The bird was simply covered with Mallophaga.

November 30, Thursday.

1302. Passer domesticus. G. Wetmore. Dec's porch, Lawrence, Kan. iris brown bill dull olive. base of gonyx horn tarsus brown length 6 1/4 wing 3 1/4 tail 2 1/4. Dim. stomach contents corn.

1303. Passer domesticus. A. Wetmore. Dec's porch, Lawrence, Kansas, iris brown. bill dull olive base of mandible yellowish horn. tarsus brown length 6 1/4 wing 3 3/8 tail 2 5/8. Dim. stomach contents corn.

Dim. This evening I caught two English Sparrows on the porch the tried to get in at an upstairs window.

November

November Birdlist.

- | | |
|------------------------|-----------------------------|
| American Goldfinch | Song Sparrow |
| English Sparrow | White crowned Sparrow |
| Robin | Screech Owl |
| Bluejay | Bufflehead |
| Chickadee | Ta planed Song spur |
| Red bellied Woodpecker | Myrtle Warbler |
| Hairy Woodpecker | Blue-winged Teal |
| Bronzed Grackle | Barred Owl |
| Crow | Northern Shrike |
| Tufted Titmouse | White-breasted Nuthatch |
| Red-winged Blackbird | American Bonlegged Hawk |
| Flicker | White-rumped Shrike |
| Bluebird | Harlan Hawk |
| Cardinal | 50. Golden crowned Kinglet. |
| Downy Woodpecker | |
| Carolina Wren | |
| Killdeer | |
| Junco | |
| Purple Finch | |
| White throated Sparrow | |
| Mallard | |
| Lesser scaup duck | |
| Pied-billed Grebe | |
| American Coot | |
| Franklin Gull | |
| American Merganser | |
| Tree Sparrow | |
| Horned Grebe | |
| King Rail | |
| Fox Sparrow | |
| Sharp-shinned Hawk | |
| Red-tailed Hawk | |
| Green winged Teal | |
| Chewink | |
| Brown Creeper | |
| Harris Sparrow | |

Fall Migration 1905.

Name of Bird	First seen	no. seen	Next seen	Became common
Ruby-crowned Kinglet	Sept. 23	1	Sept. 27	Sept. 30
Nashville Warbler	Sept. 23	1	—	—
Bobolink	Sept. 29	2	Oct. 7	—
Tree Swallow	Sept. 30	6	—	—
Pine Siskin	Sept. 30	1	—	—
Myrtle Warbler	Oct. 3	1	Oct. 5	Oct. 10
Fox Sparrow	Oct. 7	1	Oct. 26	Oct. 26
Sharp-shinned Hawk	Oct. 10	1	Oct. 11	—
American Bittern	Oct. 14	2	—	—
Blue-winged Teal	Oct. 14	5	Oct. 31	Oct. 31
Green-winged Teal	Oct. 14	1	Oct. 31	Oct. 31
Golden-crowned Kinglet	Oct. 18	1	Oct. 21	Oct. 21
Brown Creeper	Oct. 18	1	Oct. 21	Oct. 25
Juncos	Oct. 19	1	Oct. 20	Oct. 21
Harris Sparrow	Oct. 21	1	Oct. 22	Nov. 12
Savanna Sparrow	Oct. 21	10	Oct. 22	Oct. 21
Secote Sparrow	Oct. 21	6	Oct. 22	—
Wilson Snipe	Oct. 21	15	Oct. 31	Oct. 21
Purple Finch	Oct. 21	6	Oct. 22	Oct. 24
Vesper Sparrow	Oct. 22	2	—	—
Song-billed Marsh Wren	Oct. 22	1	—	—
Lincoln Sparrow	Oct. 22	3	—	—
Song Sparrow	Oct. 22	2	Oct. 28	Oct. 28
White-crowned Sparrow	Oct. 22	1	Nov. 4	Nov. 17
White-throated Sparrow	Oct. 26	1	Oct. 28	Oct. 28
Mallard	Oct. 26	250	Oct. 28	Oct. 29
Swamp Sparrow	Oct. 28	2	—	—
Sand-hill Crane	Oct. 28	6	Oct. 31	—
Red head	Oct. 29	1	—	—
Lesser Scaup Duck	Oct. 30	2	Oct. 31	Oct. 31
Pied-billed Grebe	Oct. 31	5	Nov. 4	Nov. 5
Bufflehead	Oct. 31	2	Nov. 18	—
Lapland Songspur	Oct. 31	2	Nov. 9	Nov. 18
Ring-billed Gull	Oct. 31	6	—	—
American Coot	Oct. 31	3	Nov. 4	Nov. 6

Fall Migration 1905.

Last seen	Common or rare	Does it breed	Remarks
Oct. 25	common	no	
Sept. 23	rare	no	
Oct. 7	rare	no	
Sept. 30	rare	no	
Sept. 30	rare	no	
Nov. 12	common	no	
Nov. 25	common	no	
—	tot. com.	no	
Oct. 14	rare	no	
Nov. 25	common	no	
Nov. 25	common	no	
—	common	no	
—	common	no	
—	abundant	no	
—	abundant	no	
Oct. 28	common	no	
Oct. 22	tot. com.	no	
Oct. 31	common	no	
—	common	no	
Oct. 22	rare	no	
Oct. 22	rare	no	
Oct. 22	rare	no	
—	common	no	
Nov. 26	common	no	
Nov. 12	common	no	
Nov. 25	common	no	
Oct. 28	rare	no	
Oct. 31	tot. com.	no	
Oct. 29	rare	no	
Nov. 18	abundant	no	
Nov. 18	abundant	no	
Nov. 18	tot. com.	no	
—	abundant	no	
Oct. 31	rare	no	Seen on Kaw Lake
Nov. 4	common	no	

Fall Migration 1905

Name of Bird	First seen	No. seen	Next seen	Became Common
Franklin Gull	Nov. 1	1	—	—
American Merganser	Nov. 4	1	—	—
Lacepede Sparrow	Nov. 4	2	Nov. 9	Nov. 18
Horned Grebe	Nov. 4	1	—	—
Northern Shrike	Nov. 18	1	Nov. 25	—
American Rough-legged Hawk	Nov. 25	5	Nov. 26	—

Fall Migration 1905

Last seen	Common or rare	Local bird	Remarks
Nov. 1	rare	no	1
Nov. 7	rare	no	Shot on Kennebec
—	abundant	no	
Nov. 4	rare	no	One taken
—	fair	no	
—	abundant	no	

Date of departure for Summer Residents 1905

Name of Bird	Last seen
Wood Thrush	Sept 10
Acadian Flycatcher	Sept 10
Alder Flycatcher	Sept 10
Yellow throated Vireo	Sept 10
Yellow billed Cuckoo	Sept 12
Redkissel	Sept 16
Kingbird	Sept 16
Richard Oriole	Sept 20
Baltimore Oriole	Sept 20
Northern Yellowthroat	Sept 23
Bell Vireo	Sept 23
Brown Thrasher	Sept 30
Arctico Bunting	Sept 30
Green Heron	Sept 30
Catbird	Oct 7
Turkey Vulture	Oct 7
Kingfisher	Oct 7
Night hawk	Oct 8
Chimney swift	Oct 11
Cooper Hawk	Oct 12
Western House Wren	Oct 12
Spotted sandpiper	Oct 14
Barn Swallow	Oct 14
Phoebe	Oct 15
King Rail	Nov 4
Killdeer	Nov 11
Bronzed Grackle	Nov 18

1304. *Accipiter velox*

1305 *Carpodacus purpureus*
Destroyed

1306 *Carpodacus purpureus*
Destroyed

1307 *Carpodacus purpureus*
Destroyed

1308. *Carpodacus purpureus*

1309. *Carpodacus purpureus*

1310. *Carpodacus purpureus*
Destroyed

December 2, Saturday.

1304. *Accipiter velox*. P. B. Holloway, Lawrence, Kansas, iris yellowish brown. cere brownish black. anterior half of bill dull black. rest of bill/shell greenish slate. tarsus dull brownish buff. toes yellow. Length $13\frac{1}{2}$ wing $8\frac{1}{2}$ tail $6\frac{3}{4}$ ♀ ad. Stomach contents 2 sparrow

1305. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. maxilla and tip of mandible dull brown. maxilla paler. tarsus brown. Length $5\frac{3}{4}$ wing $3\frac{1}{4}$ tail $2\frac{1}{4}$ ♀ im. Stomach contents seeds.

1306. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. maxilla + tip of mandible dull olive brown. rest of mandible paler. tarsus brown. Length $5\frac{7}{8}$ wing $3\frac{3}{8}$ tail $2\frac{1}{4}$ ♀ im. Stomach contents seeds.

1307. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible paler. tarsus brown. Length $5\frac{3}{4}$ wing $3\frac{1}{4}$ tail $2\frac{1}{4}$ ♀ im. Stomach contents seeds.

1308. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker, Washington Creek, Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible paler. tarsus brown. Length 6 wing $3\frac{5}{16}$ tail $2\frac{1}{4}$ ♀ im. Stomach contents seeds.

1309. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible paler. tarsus brown. Length $5\frac{7}{8}$ wing $3\frac{5}{16}$ tail $2\frac{1}{4}$ ♀ im. Stomach contents seeds.

1310. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker, Washington Creek, Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible paler. tarsus brown. Length $5\frac{3}{4}$ wing $3\frac{5}{16}$

1311. *Carpodacus purpureus*

1312 *Carpodacus purpureus*

1313 *Carpodacus purpureus*

1314. *Spizella monticola*

1315 *Spizella monticola ochracea*

1316. *Spizella monticola*

tail $2\frac{1}{4}$ Fin. stomach contents seeds.

1311. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek. Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible paler. Tarsus brown. Length $5\frac{3}{4}$ wing $3\frac{1}{4}$ tail $2\frac{1}{8}$ Fin. stomach contents seeds.

1312. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek. Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible paler. base of culmen light brown. tarsus dark brown. Length wing $3\frac{1}{2}$ tail $2\frac{1}{4}$ Fin. stomach contents seeds.

1313. *Carpodacus purpureus*. A. Wetmore + C. D. Bunker. Washington Creek. Lawrence, Kansas, iris brown. maxilla and tip of mandible dull olive brown. rest of mandible buffy white. base of culmen light brown. tarsus brown. Length wing $3\frac{3}{8}$ tail $2\frac{1}{4}$ Fin. stomach contents seeds.

1314. *Spizella monticola*. A. Wetmore + C. D. Bunker. Washington Creek. Lawrence, Kansas, iris brown. maxilla and tip of mandible black. rest of mandible yellow. Tarsus brown. Length $6\frac{1}{4}$ wing $3\frac{1}{16}$ tail $2\frac{5}{8}$ Fin. stomach contents seeds.

1315. *Spizella monticola ochracea*. A. Wetmore + C. D. Bunker, Washington Creek, Lawrence, Kansas, iris brown. maxilla + tip of mandible black. base of culmen buffy white. rest of mandible yellow. tarsus brown. Length $5\frac{7}{8}$ wing 3 tail $2\frac{1}{2}$ Fin. stomach contents seeds.

1316 *Spizella monticola ochracea*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. maxilla and tip of mandible black. rest of mandible yellow. base of culmen light brown. tarsus brown. Length $5\frac{3}{4}$ wing $2\frac{7}{8}$ tail $2\frac{1}{2}$ Fin. stomach contents seeds.

1317. *Spizella monticola ochracea*. A. Wetmore + C. D. Bunker. Washington Creek. Lawrence, Kansas, iris brown. maxilla and tip of mandible black. base of culmen.

1318 Junco hyemalis
Sent to C. D. Bunker
Lawrence, Kansas
10/10/09

1319. *Astragalinus tristis*

1320 *Dryobates pubescens*
medianus

1321. *Dryobates pubescens*
medianus

1322 *Dryobates pubescens*
medianus

1323 *Cardinalis*
Destroyed

light brown. rest of mandible yellow. tarsus brown feet darker. length 6 wing 3 1/4 tail 2 7/8 ♂ im. Stomach contents seeds.

1318. *Junco hyemalis* A. Wetmore + C. D. Bunker. Washington Creek Lawrence, Kansas, iris brown. tip of bill + nostrils dull brown. rest dull rosy white. tarsus brown. length 6 1/8 wing 3 1/4 tail 2 5/8 ♀ im. Stomach contents seeds.

1319. *Astragalinus tristis*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. bill olive brown. tarsus light brown. length 4 7/8 wing 2 7/8 tail 1 5/16 ♀ ad. stomach contents seeds.

1320. *Dryobates pubescens medianus*. A. Wetmore + C. D. Bunker. Washington Creek. Lawrence, Kansas, iris bright brown. maxilla + tip of mandible dull black. base of mandible dull horn. tarsus greenish drab. length 6 1/4 wing 3 1/8 tail 2 1/4 ♂ ad. Stomach contents insects

1321. *Dryobates pubescens medianus*. A. Wetmore + C. D. Bunker, Lawrence, Kansas, iris bright brown. maxilla + tip of mandible dull black. rest of mandible dark greenish slate. tarsus dull drab. length 6 3/8 wing 3 7/8 tail 2 1/4 ♀ im. Stomach contents grubs.

1322 *Dryobates pubescens medianus*. A. Wetmore + C. D. Bunker. Lawrence, Kansas, iris bright brown. maxilla and tip of mandible dull black. base of mandible dull horn. tarsus greenish drab. length 6 3/8 wing 3 1/8 tail 2 3/8 ♀ ad. Stomach contents insects.

1323. *Cardinalis cardinalis*. A. Wetmore + C. D. Bunker. Washington Creek, Lawrence, Kansas, iris brown. base of bill all around light red. tip of mandible pale buffy brown tip of maxilla + spot on mandibular ramus dull brown. tarsus brown. length 7 3/4 wing 5 3/4 tail 3 1/2 ♀ im. stomach contents seeds.

Hurler Hawk (?)

Rider Hawk

Red-tailed Hawk
Marsh Hawk

This morning Charles Bunker and I drove out to Washington Creek. The sky was clear but there was a strong north wind. The ground was frozen hard. Only a few birds were seen until we had passed the Wakarusa river. Birds were more numerous where we did our collecting on Washington Creek.

Saw one large Hawk sailing around overhead. He was a big black fellow and I took it to be Hurler's Hawk but was not sure. It circled around high in the air and hovered in a peculiar manner by holding its wings far forward of their natural position.

Like this Hawk that I did not know how flew over us in a hollow. Bunker said it was Rider's Hawk. It resembled a Red-tail somewhat. It flew in between us and we both got shot in it. It dropped over the hill and we could not find it. Several other Hawks among them a Marsh Hawk and a Red-tail were seen at a distance. The Marsh Hawk was quartering back and forth over a grassy field.

Crows were very thick around the bluff. When we first came about one hundred were in the air rising and falling in graceful sweeps. They pursued each other in pairs for no apparent reason and also tormented numerous hawks which were flying around. As the crows dashed down at the Hawks I could hear sometimes a low swish from them as they passed him. They seemed to keep at a great height in the air regardless of the cold. When we began shooting the great part left the bluff and lit down in a cornfield and a wheat field. At during the whole forenoon they were flying around usually rather slowly and just out of range. When shot at however they cleared out

Purple Finch

Western Tree Sparrow

Flicker

Red-shafted Flicker

with a speed that was rather surprising. The draw in which we did most of our collecting was full of Purple Finches. There must have been two or three hundred of them. Those seen first were all in the plain plumage but later several fine males were seen. We took eleven in all, three of them adult males. The birds were down in the brush but were very restless and were continually flying about. They would fly down close to you and sit and eye you not at all afraid but if you tried to approach one at a distance it always flew before you were anywhere near it.

The usual call note was given and once in a while a few notes of song. A great number of them came down to drink at a spring. We got the males by standing around and watching for them and examining each bird that we saw. They would come flying around after awhile. They pursued each other at times when one got too close to another.

We also got several Western Tree Sparrows and one that I referred to the eastern form. The notes were the same as *Spizella monticola* as were the habits. The birds were found in thickets on the higher ground or along the road in the more sheltered bottoms. They were not as shy as they are north of Lawrence and did not still as much.

Quite a number of Flickers were seen. We saw one in a swamp and tried to shoot it but could not. When it flew up we saw it was a Red-shafted Flicker. It was a beauty but flew so far we could not follow it.

Junco

Musty Blackbird

1324. *stragalinus tristis*

1325. *Junco hyemalis*

1326. *Cardinalis cardinalis*

1327. *Cardinalis cardinalis*

1328. *Spizella monticola*

A few little party of juncos kept around a gully below the hill. We scared them up here several times and each time they went up into the trees and then flew away.

Saw one large flock of Rusty Blackbirds flying to the south. One single one lit in a low tree and called excitedly when a hawk circled around. I tried to shoot it but it flew down toward the ground and I could not find it. Later I shot a Cardinal and at the sound heard a slight rustling at my feet. I followed it up and out flew my blackbird only three or four feet away.

December 4, Monday.

1324. *stragalinus tristis*. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. base of mandible pale dull yellow, rest of bill dull dark brown. Tarsus brown. Length 4 1/4 wing 3 1/4 tail 2. Food stomach contents seeds.

1325. *Junco hyemalis*. A. Wetmore. Hedge east of Lawrence, Kansas, iris brown. tip of bill & nostrils dusky. rest dull pinkish white. Tarsus brown. Length 6 wing 3 3/8 tail 2 3/8. Food stomach contents seeds.

1326. *Cardinalis cardinalis*. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. bill red. tip of maxilla tinged with brown. Tarsus brown. Length 5 3/8 wing 3 3/4 tail 3 7/8. Food stomach contents seeds.

1327. *Cardinalis cardinalis*. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. bill red. extreme tip of maxilla brown. Tarsus brown. Length 9 wing 4 1/4 tail 4 3/8. Food stomach contents seeds.

1328. *Spizella monticola ochracea*. A. Wetmore. Hedge east of Lawrence, Kansas, iris brown. basal half of mandible yellow. rest of bill brownish black. base of culmen dull brown. Tarsus dark brown. Length 5 1/2 wing 2 7/8 tail 2 3/4. Food stomach contents seeds.

1329. Junco hyemalis

1330. Spizella monticola
ochracea

1331. Junco hyemalis

1332. Junco hyemalis

1333. Junco hyemalis

1334. Penthestes atricapillus

1335. Penthestes atricapillus

1336. Junco hyemalis

1337. Junco hyemalis

1329. Junco hyemalis A. Wetmore. Draw east of Lawrence Kansas, iris brown. nostrils isabella color. tip of bill dull brown. ^{rest dull rosy white.} tarsus brown. length $5\frac{7}{8}$ wing $3\frac{1}{16}$ tail $2\frac{1}{2}$ ♂ im. stomach contents seeds.

1330. Spizella monticola ochracea. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. base of mandible yellow. base of culmen light brown. rest of bill dull black. tarsus dark brown. length $6\frac{1}{8}$ wing $3\frac{3}{16}$ tail $2\frac{3}{4}$ ♂ ad. stomach contents seeds.

1331. Junco hyemalis. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. nostrils & tip of bill hair brown. rest of bill dull rosy white. tarsus dark brown. length $6\frac{1}{4}$ wing $3\frac{5}{16}$ tail $2\frac{5}{8}$ ♂ im. stomach contents seeds.

1332. Junco hyemalis A. Wetmore. Draw east of Lawrence, Kansas, iris brown. nostrils & tip of bill dusky rest dull pinkish white. tarsus dark brown. length 6 wing $3\frac{1}{4}$ tail $2\frac{3}{4}$ ♂ im. stomach contents seeds.

1333. Junco hyemalis. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. nostrils & tip of bill hair brown. tarsus dull brown. length $5\frac{7}{8}$ wing $3\frac{1}{16}$ ♀ im. stomach contents seeds.

1334. Penthestes atricapillus. A. Wetmore. Draw east Lawrence, Kansas, iris brown. bill black. tarsus bluish slate. length $5\frac{1}{4}$ wing $2\frac{3}{4}$ tail $2\frac{1}{2}$ ♂ ad. stomach contents insects

1335. Penthestes atricapillus. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. bill black. tarsus slaty brown. length $5\frac{1}{4}$ wing $2\frac{1}{16}$ tail $2\frac{1}{2}$ ♂ ad. stomach contents insects

1336. Junco hyemalis. A. Wetmore. Draw east of Lawrence Kansas, iris brown. nostrils & tip of maxilla dusky. rest of bill dull rosy white. tarsus dull brown. length $5\frac{3}{4}$ wing $3\frac{4}{8}$ tail $2\frac{1}{16}$ ♂ ad. stomach contents seeds.

1337. Junco hyemalis. A. Wetmore. Draw east of Lawrence, Kansas, iris brown. nostrils & tip of bill dusky. rest dull pinkish white. tarsus brown.

1338. *Spizella monticola*
ochracea

1339. *Oryzopsis pubescens*
medianus

White-rumped Shrike

Juncos

1340. *Thryothorus ludovicianus*

Carolina Wren

Short-eared Owl

Length 6 1/8 wing 3 3/8 tail 2 3/4 T. in. stomach con-
tents seeds

1338. *Spizella monticola ochracea*. Q. Wetmore. Draw
east of Lawrence, Kansas, iris brown base of mandible
yellow. base of culmen light brown rest of bill
dull black. tarsus dark brown. Length 6 wing 2 7/8
tail 2 1/2 T. in. stomach contents seeds.

1339. *Oryzopsis pubescens medianus*. Q. Wetmore.
Draw east of Lawrence, Kansas, iris brown. bill
dull black. base of mandible paler. tarsus dark greenish
drab. Length 6 1/4 wing 3 3/4 tail 2 1/4 T. in. stomach
contents grubs.

This morning it was cold and frosty.
Went out east of town. An owl chaw birds
were numerous. Saw a White-rumped Shrike
perched in the top of a tree. He flew before I
could get anywhere near him.

There were a great number of juncos
along a thick hedge. They kept flying up only
a few feet away and along it.

December 9, Saturday.

1340. *Thryothorus ludovicianus*. Q. Wetmore. Kaw
River north of Lawrence, Kansas, iris brown. maxilla
dusky. mandible pale slate becoming pinkish at base.
tarsus brown. Length 5 3/4 wing 2 1/2 tail 2 T. in.
stomach contents insects.

This morning I went north along the
Kaw River. It was cold and windy and birds
were very scarce.

One only one I shot was a Carolina
wren. It called and scolded at me keeping
a great deal in the open but was hard to
approach.

A Short-eared Owl flew up in a wady
place from a low perch in a bush where the
small birds were tormenting it. It flew with
a sailing flight a short distance and then

1341. *Accipiter velox*1342. *Dryobates pubescens*
*medians*1343. *Dryobates pubescens*
*medians*1344. *Asio wilsonianus*1345. *Asio wilsonianus*1346. *Asio wilsonianus*1347. *Cardinalis cardinalis*

lit on the ground and hopped a few steps to kick itself in the grass. It came up while I was yet a long way off and I missed and could not find it again.

December 12, Tuesday

1341. *Accipiter velox*. S. J. Hunter. Lawrence, Kansas, iris yellowish brown. bill black. notch on bill + maxillary tomia dull buff. tarsus greenish yellow. Length $11\frac{5}{8}$ wing $7\frac{1}{8}$. tail $5\frac{1}{2}$ ♂ im. stomach contents empty. Taken Nov 28, 1905.

Omitted by mistake.

1342. *Dryobates pubescens medians*, H. J. Martin. Lawrence, Kansas, iris brown. bill black. base of mandible slate. tarsus drab black. Length 161 mm wing 94 mm tail 55 mm. ♂ im. stomach contents grubs.

1343. *Dryobates pubescens medians*, H. J. Martin. Lawrence, Kansas, iris brown. bill black. base of mandible slate. tarsus drab green. Length 160 mm wing 93 mm tail 61 mm. ♂ ad. stomach contents insects.

December 16, Saturday

1344. *Asio wilsonianus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris yellow. bill dull slate. cere tinged with greenish. inside of toes drab. claws dusky. Length 13 wing $11\frac{1}{6}$ tail $5\frac{1}{8}$ ♀ ad. stomach contents mouse

1345. *Asio wilsonianus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris yellow. bill dark greenish slate. inside of toes dull dirty white. claws dusky. Length $13\frac{1}{2}$ wing $12\frac{1}{6}$ tail $5\frac{7}{8}$ ♀ ad. stomach contents mouse

1346. *Asio wilsonianus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris yellow. inside of toes dirty white. claws dusky. Length $13\frac{3}{4}$ wing $11\frac{3}{4}$ tail $6\frac{1}{2}$ ♀ ad. stomach contents mouse

1347. *Cardinalis cardinalis*. A. Wetmore. Wakarusa River,

1348. *Agelaius phoeniceus*

1349. *Melanerpes carolinus*

1350. *Melanerpes carolinus*

1351. *Agelaius phoeniceus*

1352. *Dryobates pubescens*
medianus

1353. *Dryobates villosus*

1354. *Carpodacus purpureus*

1355. *Melospiza cinerea*

Lawrence, Kansas, iris brown. bill dull red. tip slightly dusky. tarsus brown. Length $8\frac{1}{2}$ wing $3\frac{1}{16}$ tail $4\frac{1}{16}$ ♀ ad. stomach contents seeds + corn

1348. *Agelaius phoeniceus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. maxilla black. mandible dull greenish slate. tarsus dusky. Length $7\frac{1}{2}$ wing $4\frac{1}{8}$ tail 3 ♀ ad stomach contents seeds

1349. *Melanerpes carolinus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris bright reddish brown. base of mandible dull white. rest of bill slaty black. tarsus dull greenish drab. Length $9\frac{1}{4}$ wing $5\frac{3}{16}$ tail $3\frac{1}{8}$ ♀ ad. stomach contents grapes

1350. *Melanerpes carolinus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris bright reddish brown. base of mandible whitish slate. rest of bill slaty black. tarsus greenish slate. Length $9\frac{1}{4}$ wing $5\frac{1}{4}$ tail 3 ♀ ad. stomach contents grapes

1351. *Agelaius phoeniceus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. bill dusky black. tarsus black. Length $9\frac{1}{8}$ wing $5\frac{1}{8}$ tail $3\frac{3}{4}$ ♂ ad. stomach contents seeds

1352. *Dryobates pubescens medianus* A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. bill dull black. base of mandible paler. tarsus dull greenish slate. Length $6\frac{1}{16}$ wing $3\frac{3}{4}$ tail $2\frac{1}{8}$ ♂ ad. stomach contents grubs

1353. *Dryobates villosus* A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. bill dull black. base of mandible paler. tarsus dull greenish drab. Length $8\frac{1}{8}$ wing $4\frac{3}{4}$ tail $2\frac{7}{8}$ ♂ ad. stomach contents grubs

1354. *Carpodacus purpureus*. A. Wetmore. Wakarusa river, Lawrence, Kansas, iris brown. bill dull olive. base of mandible, paler, slightly buffy. tarsus brown. Length $5\frac{1}{16}$ wing $3\frac{3}{16}$ tail $2\frac{1}{16}$ ♀ im stomach contents seeds.

1355. *Melospiza cinerea melodia*. A. Wetmore. Wakarusa

1356. *Junco hyemalis*

1367 *Spizella monticola*

1358. *Sitta carolinensis*

1359 *Sitta carolinensis*

Purple Finch

Crows

river Lawrence, Kansas, iris brown. base of mandible dull buffy. rest of mandible & maxilla brownish slate. rest of maxilla dusky. tarsus light brown. length 6 wing $2\frac{5}{8}$ tail $2\frac{3}{8}$ ♀ ad. Stomach contents seeds

1356 *Junco hyemalis*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. tip of bill dusky. rest pale buffy white. tarsus brown. length 6 wing 3 tail $2\frac{5}{8}$ ♀ im. Stomach contents seeds.

1357. *Spizella monticola*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. base of mandible yellow. base of culmen yellowish brown. rest of bill black. tarsus dark brown. length $5\frac{7}{8}$ wing $2\frac{7}{8}$ tail $2\frac{7}{16}$ ♀ im. Stomach contents seeds.

1358 *Sitta carolinensis*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. base of culmen & base of mandible rather dull white. rest of bill black. tarsus slaty brown. length $5\frac{5}{8}$ wing $3\frac{9}{16}$ tail $1\frac{7}{8}$ ♀ im. Stomach contents insects

1359. *Sitta carolinensis*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. extreme base of culmen and basal half of mandible white. rest of bill black. tarsus dull brown. length $5\frac{3}{4}$ wing $3\frac{5}{8}$ tail $1\frac{3}{4}$ ♀ im. Stomach contents insects

This morning I went south to the Wakarusa River. It was cold and frosty in the morning but later it grew warm.

Three Purple Finches flew up from a hedge and lit in a tree. I shot one and the others left. Heard them flying over occasionally all day.

Crows were common all along. They were calling and flying around in sight nearly all the while. I shot a one or two but did not get them. Saw some out in the fields walking around. One sat on a limb of a tree pounding something which was held under the foot.

Long-eared Owl

White-breasted Nuthatch

Cardinal

A Long eared Owl flew up and after a rather erratic flight lit in a tree but although I looked all over I could not find. I am certain that it was only a few feet away all the while. A little later as I came up over the top of a little rise, one after another, five of them flew out of a bushpile in a dark little draw. I shot the first two and the others went up along a hedge. Before I started after them however they flew down in the brush again. After considerable effort I flushed one of them and it lit on a limb and sat there eyeing me until I shot it. The other two I did not find when winged they made a loud snapping noise with the bill but made no attempt to defend themselves. There was considerable excitement in the bushpile showing that it had been used for some time. They were in a place covered with brush about as high as my head.

Saw six or eight White-breasted Nuthatches and shot a pair. They were found in the heavier timber along Watawasa and got back away from it. Heard one singing last week. These are the first two I have secured for a long time.

In a draw back south from the River I saw more Cardinals than I ever before encountered in such a small place. They were in a spot covered with low brush and woods which was very dense. They flew up around of me in all directions and strangely enough there seemed to be as many females as males. Usually the males are greatly predominant in point of numbers. The females gave the low chuckling note which I have noticed only since I came up here. As I

Red winged Blackbird

Red-bellied Woodpecker

Flicker

passed through this place the birds flashed ahead of me continually sometimes lighting in the trees. In this way they acted more like sparrows usually do. There were a few Harris Sparrow with them in a place overgrown with vines but I got no shot. Heard their loud ringing notes several times. The Cardinals seem to like a brushy place along the edge of a cornfield.

In the edge of a cornfield from the brush I scared up three Red-winged Blackbirds and secured two of them. They were tame and rather quiet and only flew a short distance at a time, always perching in a tree. It was considerably of a surprise to get them this late but not doubt the continued warm weather had something to do with it.

There were a number of Red-bellied Woodpeckers in the bottoms and I secured two. These actions were the same as usual and the notes were the same. Heard one in a tree and went over there but could not find it. I knew which tree it was in and so simply stood still. In about ten minutes the Woodpecker suddenly flew to another limb and a Flicker. I got the first one but missed a wing shot at the flicker.

As I came over the top of a bank without making any noise there was a sudden commotion in a hole at the foot of a tree directly in front of me and out flew a flicker. It was badly frightened but as I had stopped, it lit on a limb and looked at me for a minute and then went on. The hole it was in, looked like a squirrels' hole and

Song Sparrow

1360. *Passer domesticus*1361. *Passer domesticus*1362. *Passer domesticus*1363. *Passer domesticus*1364. *Passer domesticus*1365. *Buteo borealis Kirtlandii*1366. *Corvus brachyrhynchos*

The Flicker must have been exploring it.
Saw a number of them scattered along.

There were a number of Song Sparrows in a waddy place in the bottoms but they were very wild.

December 19, Tuesday

1360. *Passer domesticus*. Lindsay Dyche, Lawrence, Kansas, iris brown bill black tarsus brown. Length $6\frac{1}{2}$ wing $3\frac{1}{4}$ tail $2\frac{7}{8}$ ♂ ad. stomach contents seeds.

1361. *Passer domesticus*. Lindsay Dyche, Lawrence, Kansas, iris brown. maxilla + tip of mandible olive brown. rest of bill and maxillar tomia yellow. tarsus brown. Length $6\frac{1}{4}$ wing $3\frac{1}{8}$ tail $2\frac{7}{16}$ ♀ im. stomach contents seeds.

Lindsay Dyche, Lawrence, Kansas

1362. *Passer domesticus*. iris brown. maxilla and tip of mandible light olive brown. rest of bill and maxillar tomia yellow. inclining to orange on gonyx. tarsus brown Length 6 wing 3 tail $2\frac{3}{8}$ ♀ im. stomach contents seeds.

1363. *Passer domesticus*. Lindsay Dyche, Lawrence, Kansas, iris brown. maxilla and tip of mandible olive brown. rest of bill yellowish orange. tarsus brown. Length $6\frac{5}{16}$ wing 3, tail $2\frac{7}{8}$ ♀ im. stomach contents corn.

1364. *Passer domesticus*. Lindsay Dyche, Lawrence, Kansas. iris brown bill dusky, base of mandible skin tarsus brown. Length $6\frac{1}{8}$ wing 3, tail $2\frac{1}{4}$ ♂ ad. stomach contents corn.

Given to me by Lindsay Dyche.

December 23, Saturday

1365. *Buteo borealis Kirtlandii* A. Wetmore, Blue Mound/south of Lawrence, Kansas, iris yellow. bill of bill black. base including cere greenish, tarsus dull greenish buff. claws dusky Length 590 wing 466 tail 238 ♀ im.

Stomach Contents mouse

1366. *Corvus brachyrhynchos*, A. Wetmore. Wakarusa bottoms, Lawrence, Kansas, iris brown. bill black tarsus black. Length 511 wing 293 tail 171 ♂ ad

1367. *Corvus brachyrhynchos*

1368. *Corvus brachyrhynchos*

1369. *Megascops asio*

1370. *Melanerpes carolinus*

1371. *Melanerpes carolinus*

1372. *Zonotrichia querula*

1373. *Otocoris alpestris praticola*

1374. *Oryzobates pubescens medianus*

Stomach contents corn

1367. *Corvus brachyrhynchos*. A. Wetmore, Wakarusa bottoms, Lawrence, Kansas, iris brown bill black. tarsus black length 502, wing 508 tail 190. ♀ ad. stomach contents corn.

1368. *Corvus brachyrhynchos*. Dallas Hanna, Wakarusa bottoms, Lawrence, Kansas, iris brown bill black tarsus black length 514 wing 509 tail 175 ♀ ad. stomach contents corn.

1369. *Megascops asio*. A. Wetmore Blue Mound, Lawrence, Kansas, iris yellow. bill greenish yellow. inside of toes dirty white. claws dusky. length 214 wing 165 tail 76 ♂ ad. stomach contents mouse hair

1370. *Melanerpes carolinus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris reddish brown. bill dull black. base of mandible drab. tarsus greenish drab. length 251 wing 147 tail 82 ♂ ad. stomach contents grapes

1371. *Melanerpes carolinus*. A. Wetmore. Wakarusa River, Lawrence, Kansas, iris reddish brown. bill dull black. base of mandible dull drab. tarsus greenish drab. length 245 wing 136 tail 81 ♂ ad. stomach contents grapes

1372. *Zonotrichia querula*. A. Wetmore, Blue Mound, Lawrence, Kansas, iris brown. bill pale cinnamon. tip of maxilla slightly dusky. tarsus pale cinnamon brown. length 194 wing 91 tail 84 ♂ ad. stomach contents seeds

1373. *Otocoris alpestris praticola*. A. Wetmore, Wakarusa bottoms, Lawrence, Kansas, iris brown. maxilla & tip of mandible blackish white rest of mandible pale buffy white tarsus dusky. length 187 wing 106 tail 70 ♀ ad. stomach contents seeds

1374. *Oryzobates pubescens medianus*. A. Wetmore, Wakarusa bottoms, Lawrence, Kansas, iris brown, bill dusky, tarsus dusky drab. length 164 wing 95 tail 53 ♂ ad. stomach contents insects

1375. *Sialia sialis*1376. *Parus bicolor*1377. *Sitta carolinensis*1378. *Spizella monticola*1379. *Spizella monticola*1380. *Spizella monticola*1381. *Junco hyemalis*1382. *Astragalinus tristis*1375. *Sialia sialis*. A. Wetmore. Wakarusa bottoms, Lawrence, Kansas, iris brown. bill dark brown. tarsus dark brown. Length 168 wing 103 tail 67 ad. Stomach contents grapes.1376. *Parus bicolor*. Dallas Hama, Wakarusa bottoms Lawrence, Kansas, iris brown. bill black. tarsus slate. Length 154 wing 82. tail 67 ad. Stomach contents insects.1377. *Sitta carolinensis*. G. Wetmore. Wakarusa River, Lawrence, Kansas, iris brown. base of mandible slaty white. rest of bill black. tarsus olive brown. Length 149 wing 95 tail 46 ad. Stomach contents insects.1378. *Spizella monticola*. Dallas Hama, Wakarusa bottoms, Lawrence, Kansas, iris brown. maxilla + tip of mandible dusky brown. base of mandible yellow. tarsus dark brown. Length 144 wing 73 tail 64 ♀ im. Stomach contents seeds.1379. *Spizella monticola*. A. Wetmore. Wakarusa bottoms, Lawrence, Kansas, iris brown. maxilla and tip of mandible dusky brown. base of mandible yellow. base of culmen light brown. tarsus dark brown. Length 158 wing 80 tail 73 ♀ ad. Stomach contents seeds.1380. *Spizella monticola*. A. Wetmore. Wakarusa bottoms, Lawrence, Kansas, iris brown. maxilla and tip of mandible dusky. base of mandible yellow. base of culmen light brown. tarsus dark brown. Length 149 wing 77 tail 65 ♂ im. Stomach contents seeds.1381. *Junco hyemalis*. Dallas Hama. Wakarusa bottoms Lawrence, Kansas, iris brown. tip of bill + nostrils dusky. rest of bill pinkish white. tarsus brown. Length 149 wing 78 tail 66 ♂ im. Stomach contents seeds.1382. *Astragalinus tristis*. A. Wetmore. Wakarusa River Lawrence, Kansas, iris brown. bill dark olive. base of

1383. *Astragalinus tristis*
 Lawrence, Kansas
 1384 *Astragalinus tristis*

1385. *Astragalinus tristis*

American goldfinch

Tree Sparrow

mandible paler. tarsus dark brown. Length 125
 wing 78 tail 46 Pin. stomach contents seeds
 1383. *Astragalinus tristis*. Q. Wetmore. Wakarusa
 bottoms, Lawrence, Kansas, iris brown. bill dark
 olive. base of mandible paler. tarsus dark brown.
 Length 126 wing 75 tail 47 Pin. stomach contents seeds
 1384. *Astragalinus tristis*. Q. Wetmore. Wakarusa
 bottoms, Lawrence, Kansas, iris brown. bill dark
 olive. base of mandible paler. tarsus dark
 brown. Length 130 wing 72. tail 47 Pin. stomach
 contents seeds
 1385. *Astragalinus tristis*. Q. Wetmore. Wakarusa
 bottoms. Lawrence, Kansas, iris brown. bill dull
 olive. base of mandible buffy. tarsus brown
 Length 137 wing 81 tail 51 Pin. stomach contents
 seeds.

This morning Dallas Hanna and I
 took a mule team and were gone all day
 driving about twenty-five miles making a
 circle around Blue Mound. It was rather sharp
 and frosty out.

Found a number of flocks of American
 goldfinches feeding on wild sunflower seeds
 in the Wakarusa bottoms and shot several.
 They were quiet except when frightened up
 and then they gave their call notes.

Several hundred tree sparrows were seen. They
 were found in wady places and also along hedges.
 One small flock was spread out feeding in the open
 in a cornfield and flew up ahead of us as we
 went through. Once nearly a hundred came drifting
 down along a hedge from which they ~~went~~ to
 some weeds. I think their flight was caused by
 a hawk. Another small flock was in a clump of
 thick bushes in the flat and could hardly be driven
 out.

Crows were abundant all along and four

Kiuder Hawk

American Rough-legged
Hawk

Bluebird

Barred Owl

were shot of which I kept three. They were usually spread out feeding but occasionally several would be seen sitting in a tree. They were not all afraid but let us drive by within easy shooting distance. When one was winged the others made a great fuss. They pursued all the hawks that were flying, dashing down at them with low guttural notes. Occasionally two or three would pursue another Crow and then a great chase would be begun up and down, winding in and out with an exceedingly graceful flight.

A single Kiuder Hawk lit in a tree in the edge of a cornfield near the road. It sat there and let us drive up within easy shooting distance and I dropped it.

Saw an American Rough-legged Hawk sitting on a post behind a hay stack and sneaked up to get a shot at it but the distance was too great. Another was seen watching from the top of a haystack but it flew before we got within range.

Along the Wabamun six or eight Bluebirds were seen. They were not very wild but when they finally flew they left for good. They had been feeding on wild grapes and sat quietly around on open patches. They were much excited over a Barred Owl and scolded it vigorously.

This Barred Owl sat in a hole in a Sycamore and all the birds joined in scolding it. When I came along it flew out and I shot it. It was only winged and hid itself cleverly in a bushpile.

Saw a few Robins but got no shots. They flew around calling as they do in the winter and seemed much at home.

Screach Owl

Harris Sparrow

Prairie Horned Lark

Meadow-lark.

1376. *Penthestes atricapillus*

1377. *Penthestes atricapillus*

1378 *Dryobates pubescens*
medians

1379 *Dryobates pubescens*
medians

A screech owl sat in a hedge right in plain sight and did not even look around when we drove by. I shot it with the auxillary. It had had a broken leg which had healed crookedly and the contraction of the cords made it almost worthless but the owl was in fairly good condition. It was probably in the habit of letting teams pass it.

In one hedge near Blue Mound were eight or ten Harris Sparrows. The first ones I have seen in a long while. They called and chattered as usual but were rather wild and flew long distances.

On the bottoms below Haskell Institute a few Prairie Horned Larks were feeding. They were in among some short grass and left when I shot.

Several Meadowlarks were also seen here but I got none of them. They were quite wild.

December 26, Tuesday.

1386. *Penthestes atricapillus*. Q. Wetmore. Kaw River, north of Lawrence, Kansas, iris brown. bill black. tarsus dark slate. Length 131 wing 65 tail 59 ♂ im. Stomach contents insects

1387. *Penthestes atricapillus*. Q. Wetmore. Kaw River, north of Lawrence, Kansas, iris brown. bill black. tarsus dark slate. Length 139 wing 67 tail 65 ♀ ad. Stomach contents insects

1388 *Dryobates pubescens medians*. Q. Wetmore, Kaw River north of Lawrence, Kansas, iris brown. bill dark greenish slate. mandible paler. tarsus dull drab green Length 173 wing 98 tail 64 ♀ im. Stomach contents insects

1389. *Dryobates pubescens medians*. Q. Wetmore, Kaw River north of Lawrence, Kansas, iris brown bill dull black. base of mandible inclining to slate. tarsus dark greenish slate. Length 166 wing 92 tail 54 ♂ ad. Stomach contents insects

1390. *Junco hyemalis*

1391. *Parus bicolor*

1392. *Cardinalis cardinalis*

Golden-crowned Kinglet

Junco

Harris Sparrow
Chicadee

1393. *Bubo virginianus*

1394. *Cornus brachyrhynchos*

1390. *Junco hyemalis*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. maxilla & tip of bill dusky, rest pinkish white. tarsus brown length 160 wing 82 tail 68 ♂ im. stomach contents seeds.

1391. *Parus bicolor*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill black. tarsus dark slate. length 159 wing 82 tail 68 ♂ ad. stomach contents insects

1392. *Cardinalis cardinalis*. A. Wetmore. Kaw River north of Lawrence, Kansas, iris brown. bill light red tarsus brown. length 214 wing 98 tail 105 ♀ im. stomach contents seeds.

This morning I went north along the Santa Fe with Hornaday my neighbor. It was warm and mild with a south wind but only a few birds were seen.

The only thing noticed worthy of note was two Golden-crowned Kinglets. They were feeding near the ground in some willows along a dry channel. When I came up they flew up and started rapidly for the timber calling as they went. I shot one and winged it but it got away in a bushpile.

A few Juncos were feeding in some grass in a cornfield. They stalked around and were hard to see and I could hardly flush them.

Saw two Harris Sparrows. One of the Chicadees had a broken leg which had healed rather crooked.

December 27, Wednesday.

1393. *Bubo virginianus*. A. Wetmore & C. D. Bunker. Bull Creek north of Lawrence, Kansas, iris yellow. dark greenish slate tip of maxilla paler. inside of ear dirty white. claws dusky changing to brown at the base. length 517 wing 362 tail 207 ♂ ad. stomach contents rabbit.

1394. *Cornus brachyrhynchos*. A. Wetmore & C. D. Bunker.

1395. *Corvus brachyrhynchos*

1396. *Colaptes cafer collaris*

1397. *Cardinalis cardinalis*

1398. *Dryobates pubescens medianus*

1399. *Thryothorus ludovicianus*

1400. *Melospiza cinerea melodia*

1401. *Melospiza cinerea melodia*
C. Wetmore + C. D. Bunker

1402. *Spizella monticola*

Buck Creek north of Lawrence Kansas, iris brown. bill black. tarsus black. Length 502 wing 322 tail 197 ♂ ad. stomach contents corn

1395. *Corvus brachyrhynchos*. A. Wetmore + C. D. Bunker. Buck Creek north of Lawrence, Kansas, iris brown. bill black. tarsus black. Length 475 wing 325 tail 187 ♂ ad. stomach contents. coffee corn.

1396. *Colaptes cafer collaris*. A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. bill dull black. tarsus drab slate. Length 328 wing 177 tail 131 ♂ ad. stomach contents grapes

1397. *Cardinalis cardinalis*. A. Wetmore, Buck Creek north of Lawrence, Kansas, iris brown. bill red tarsus brown. Length 220 wing 93 tail 99 ♀ ad stomach contents seeds

1398. *Dryobates pubescens medianus*. C. D. Bunker. Buck Creek north of Lawrence, Kansas, iris brown. bill very dark blackish slate. base of mandible paler. tarsus dull greenish drab. Length 165 wing 94 tail 58 ♂ im. stomach contents insects

1399. *Thryothorus ludovicianus*. A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. maxilla dark brown. tip of mandible dusky. base ivory white. tarsus brown. Length 147 wing 66 tail 56 ♂ ad stomach contents insects

1400. *Melospiza cinerea melodia*. A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. rest pale greenish slate. tarsus light brown. Length 157 wing 69 tail 67 ♂ im. stomach contents seeds

1401. *Melospiza cinerea melodia*. A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. maxilla dusky. base of mandible dull buff. rest of mandible and maxillary tomia pale greenish slate. Length 165 wing 74 tail 75 ♂ ad. stomach contents seeds

1402. *Spizella monticola*. A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. maxilla and tip of

1403. *Carpodacus purpureus*

1404. *Junco hyemalis*

1405. *Astragalinus tristis*

Purple Finch

Mallard

Carolina

mandible black, rest of bill yellow, tarsus dull brown. Length 154 wing 76 tail 67 Tm. Stomach contents seeds

1403. *Carpodacus purpureus*. A. Wetmore. Road north of Lawrence, Kansas, iris brown, bill dull olive base of mandible paler. tarsus dull brown. Length 150 wing 81 tail 56 Tm. Stomach contents seeds

1404. *Junco hyemalis*. A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. nostrils and tip of bill dusky. rest pale pinkish white. tarsus brown. Length 153 wing 82 tail 66 Tm. Stomach contents seeds

1405. *Astragalinus tristis* A. Wetmore. Buck Creek north of Lawrence, Kansas, iris brown. bill dark olive base of mandible paler tarsus brown. Length 122 wing 71 tail 45 Tm. Stomach contents seeds.

This morning Charles Bunker and I drove about twelve miles north of town. It thawed all day but the sky was overcast and the wind was cold. A single Bluebird sat in a tree and sang.

A few Purple Finches were seen flying and I secured one. Saw a brilliant male but could not get near it. It was along a small draw and flew through the trees ahead until I lost it.

A flock of about two hundred and fifty Mallard went over going south. They were strung out in a long line but those in the lead kept bunching up until they seemed a solid black mass and then separating again. The others were strung out at regular intervals resembling the tail of a kite.

Three or four Carolina Wrens were seen and I secured one. They scolded vigorously but always managed to keep well hid. I followed one up a draw for a quarter of a mile and then only got it by chance. They were seen along side-hills

Red-shafted Flicker

Red-shouldered Hawk

Crow

Great Horned Owl

Song Sparrow

covered with bushes and preferred to be in bushpiles. When scolding they came out into plain sight and hopped around nervously.

Along the Creek I scared up a Red-shafted Flicker and followed it for a long ways and then lost it. When it flew an occasional flash of red could be seen. In trees it acted just as other Flickers do but was very wary. Finally one came around an owl I had just shot and I got it. The tail struck me as being exceptionally long and the color on the wings was fine. Several others were seen during the day. They kept in the timber along the creek. Their callnote was a keen quinn in a different tone from the note of the common Flicker. One scolded a big Hawk and several were attracted by another one.

A Red-shouldered Hawk seemed to stay on top of a bluff and when frightened off soon returned. I shot at it twice at long range. The Crows bothered it a good deal.

Some Crows were calling about a tree along Buck Creek and I went up there to see what it was. Then I shot at the Hawk and went I had gone on a few feet out flew a Great Horned Owl. It was a long ways off but I managed to get it. When I shot it flew up high in the air and went around the hill. When I got around there I found it lying dead.

Saw several Song Sparrows along the creek and got two. This seems rather late for this far north.

Have been measuring all the birds in millimeters.

1406. *Archibuteo lagopus sanctijohannis*

December 29, Friday:

1406. *Archibuteo lagopus sanctijohannis*
W. Perry, south of Lawrence, Kansas, iris yellowish brown. tip of bill black. base + cere dull greenish yellow. toes dull yellow. claws black. Length 512 wing 409 tail 225. ♂ ad. Stomach contents mouse.

Given to me by C. D. Bunker.

December Birdlist.

- American Goldfinch
- English Sparrow
- Bluejay
- Chicadee
- Red bellied Woodpecker
- Hairy Woodpecker
- Crow
- Red bellied Titmouse
- Red winged Blackbird
- Flicker
- Red shafted Flicker
- Carolinian
- Downy Woodpecker
- Junco
- Purple Finch
- Tree Sparrow
- Sharp-shinned Hawk
- Red tailed Hawk
- Song Sparrow
- Harris Sparrow.
- White breast of Nuthatch
- Harlem Hawk
- Krieger Hawk
- Marsh Hawk
- Rusty Blackbird
- Bluebird
- Carolina Wren
- Fox Sparrow
- Brown Creeper
- Screech Owl
- Lapland Longspur
- White-rumped Shrike
- American Rough-legged Hawk
- Short eared Owl
- Long eared Owl.
- Robin
- Mallard
- Barred Owl
- Prairie Horned Lark
- Meadowlark
- Golden-crowned Kinglet
- 42. Great Horned Owl.

1407. *Colaptes auratus luteus*

1408. *Dryobates villosus*

1409. *Carpodacus purpureus*

1410. *Carpodacus purpureus*

1411. *Sitta carolinensis*

1412. *Sitta carolinensis*

1413. *Baeolophus bicolor*

1414. *Baeolophus bicolor*

1906. January 1, Monday

1407. *Colaptes auratus luteus*. C. D. Bunker. Washington Creek, southwest of Lawrence, Kansas, iris brown. bill dull black. tarsus drab slate. Length 309 wing 160 tail 109 ♀ ad. Stomach contents grapes

1408. *Dryobates villosus*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. base of culmen dull greenish slate. rest of bill dull black. tarsus dark slate. Length 235 wing 127 tail 79 ♂ ad. Stomach contents grapes + sumach

1409. *Carpodacus purpureus*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. bill dull olive, base of mandible paler. tarsus dark brown. Length 146 wing 84 tail 55 ♂ im. Stomach contents seeds

1410. *Carpodacus purpureus*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. bill dull olive, base of mandible paler. tarsus dark brown. Length 151 wing 82 tail 57 ♀ im. Stomach contents seeds

1411. *Sitta carolinensis*. C. D. Bunker. Washington Creek, southwest of Lawrence, Kansas, iris brown. maxilla + tip of mandible black. base of culmen + rest of mandible dull white. tarsus dull brown. Length 143 wing 92 tail 46 ♀ im. Stomach contents insects.

1412. *Sitta carolinensis*. C. D. Bunker. Washington Creek, southwest of Lawrence, Kansas, iris brown. maxilla + tip of mandible black. rest of mandible + base of culmen dull white. tarsus dull brown. Length 153 wing 93 tail 46 ♂ im. Stomach contents insects

1413. *Baeolophus bicolor*. C. D. Bunker. Washington Creek, southwest of Lawrence, Kansas, iris brown. bill black. tarsus light slate. Length 159 wing 83 tail 71 ♂ ad. Stomach contents insects

1414. *Baeolophus bicolor*. C. D. Bunker. Washington's Creek

1415. *Baeolophus bicolor*

1416. *Sialia sialis*

1417. *Sialia sialis*

1418. *Sialia sialis*

1419. *Sialia sialis*

1420. *Sialia sialis*

1421. *Sialia sialis*

1422. *Sialia sialis*
Lent in ...
Southwest of Lawrence, Kansas
11/15

Southwest of Lawrence, Kansas, iris dark brown. bill black tarsus slate. Length 161 wing 84 tail 73
♀ im Stomach contents insects

1415. *Baeolophus bicolor*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris dark brown. bill black. tarsus slate. Length 161 wing 86 tail 74
♂ ad Stomach contents insects

1416. *Sialia sialis*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. bill black. gape yellow. tarsus black. Length 168 wing 99 tail 63 ♂ ad Stomach contents wild grapes

1417. *Sialia sialis* A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris dark brown. bill black. gape yellow. tarsus black. Length 155 wing 95 tail 58 ♂ ad Stomach contents wild grapes

1418. *Sialia sialis*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown bill black gape yellow. tarsus black. Length 163 wing 100 tail 61 ♂ ad Stomach contents wild grapes

1419. *Sialia sialis*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris dark brown. bill black. gape dull yellow. tarsus black Length 172 wing 103 tail 65 ♂ ad Stomach contents, wild grapes

1420. *Sialia sialis*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris dark brown bill black. gape dull yellow. tarsus black. Length 164 wing 99 tail 61 ♀ ad Stomach contents wild grapes

1421. *Sialia sialis*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris dark brown. bill black. gape dull yellow. tarsus black. Length 169 wing 102 tail 64 ♂ ad Stomach contents wild grapes

1422. *Sialia sialis*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris dark brown. bill black. gape dull yellow. tarsus black. Length 159 wing 94 tail 61 ♀ ad Stomach contents wild grapes

1423. *Spizella monticola*
ochracea

• 1424. *Spizella monticola*
ochracea

1425. *Spizella monticola*
ochracea

1426. *Spizella monticola*
ochracea

1427. *Spizella monticola*
ochracea

1428. *Astragalinus tristis*

1429. *Astragalinus tristis*

1423. *Spizella monticola ochracea*. Q. Wetmore.
Washington Creek southwest of Lawrence, Kansas, iris
dark brown. maxilla and tip of mandible black.
rest of mandible & base of culmen yellow. tarsus
dark brown. Length 155 wing 79 tail 69 ♂ in stomach
contents seeds

1424. *Spizella monticola ochracea*. Q. Wetmore,
Washington Creek, southwest of Lawrence, Kansas,
iris dark brown. maxilla & tip of mandible
black. rest of mandible & base of culmen yellow.
tarsus dark brown feet black. Length 153 wing 79
tail 68 ♂ in stomach contents seeds

1425. *Spizella monticola ochracea*. Q. Wetmore
Washington Creek, southwest of Lawrence, Kansas,
iris dark brown. maxilla & tip of mandible
black. rest of mandible yellow. tarsus dark
brown. feet black. Length 155 wing 78 tail 68 ♂ in
stomach contents seeds

1426. *Spizella monticola ochracea*. Q. Wetmore.
Washington Creek southwest of Lawrence, Kansas.
iris brown. maxilla & tip of mandible black.
base of culmen & rest of mandible yellow.
tarsus dark brown. feet black. Length 152
wing 76 tail 67 ♂ in stomach contents seeds

1427. *Spizella monticola ochracea*. Q. Wetmore.
Washington Creek southwest of Lawrence, Kansas,
iris dark brown. maxilla & tip of mandible black.
base of mandible yellow. tarsus dark brown. feet
black. Length 144 wing 73 tail 68 ♀ in stomach contents
seeds.

1428. *Astragalinus tristis* Q. Wetmore Washington Creek
southwest of Lawrence, Kansas, iris dark brown. bill
dull olive base of mandible paler. tarsus dull brown.
Length 120 wing 74 tail 44 ♀ in stomach contents seeds.

1429. *Astragalinus tristis*. Q. Wetmore. Washington Creek
southwest of Lawrence, Kansas, iris dark brown bill
dull olive. base of mandible paler. tarsus dull

1430. *Astragalinus tristis*

1431. *Astragalinus tristis*

1432. *Cryobates pubescens medianus*

1433. *Junco hyemalis*

brown length 117 wing 72 tail 46 Pin stomach contents seeds

1430. *Astragalinus tristis*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris dark brown. bill dull olive, base of mandible paler. tarsus dull brown. length 122 wing 72 tail 45 Pin stomach contents seeds

1431. *Astragalinus tristis*. A. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris dark brown. bill dull olive. base of mandible dull white. tarsus dull brown. length 128 wing 76 tail 48 Pin stomach contents seeds

1432. *Cryobates pubescens medianus*. C. D. Bunker, Washington Creek southwest of Lawrence, Kansas, iris brown. bill dull black. tarsus greenish drab. length 170 wing 98 tail 59 ♂ ad. stomach contents insects

1433. *Junco hyemalis*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. tip of bill & nostrils dusky, rest pale pinkish white. tarsus brown. length 151 wing 79 tail 65 Pin stomach contents seeds

1434. *Parus atricapillus*. C. D. Bunker, Washington Creek southwest of Lawrence, Kansas, iris brown. bill black. tarsus dark slate. length 127 wing 65 tail 60 ♀ ad stomach contents insects

1435. *Parus atricapillus*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. bill black. tarsus dark slate. length 139 wing 68 tail 63 ♂ im. stomach contents insects

1436. *Regulus satrapa*. C. D. Bunker. Washington Creek southwest of Lawrence, Kansas, iris brown. bill black. tarsus very dark brown. length 100 wing 60 tail 42 ♂ ad stomach contents insects

1437. *Regulus satrapa*. A. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. bill brownish black. tarsus brown. length 102 wing 58 tail 42 ♀ ad

Stomach contents insects
 1438. *Regulus satrapa*. C. W. Bunker. Washington Creek
 southwest of Lawrence, Kansas, iris brown. Bill brownish
 black. Tarsus dark brown Length 97 wing 58 tail 43 Pin
 stomach contents insects.

This morning Bunker and I drove out
 to Washington Creek. It was cold & cloudy with
 occasionally a few flakes of snow.

In the timber the first thing we saw
 was a party of Bluebirds. They were in a draw
 among the high trees. They were wild and
 hard to approach but Bunker winged one
 and its harsh chur-r-r chur-r-r kept
 calling the others back with answering notes.
 They came flying restlessly back through the
 trees, barely pausing an instant at a time.
 The wings were held high above the back
 and the birds appeared to glide along rather
 than to fly. After a while they all left but
 later about fifty were seen drifting along
 westward. We followed after them and
 found them among some low sumach
 bushes. From here they went to the tree tops
 and after I shot they left.

There was a flock of about forty
 Flickers of both species feeding along a
 little ridge scattered with trees. We
 disturbed them twice and each time
 they flew away through the trees a short
 distance at a time until they were out of
 sight. There were at least six or eight of
 the Red-shafted among them but we could not
 get a shot. Later we found them feeding on the
 ground in a field covered with sumach and
 tall grass. From this they flew up only a short
 distance away.

There were a few Golden-crowned Kinglets in

Among the trees but because of their small size they were hard to find. Their notes could be heard frequently but it was only by chance that we saw the birds. Grapevines were favorite places with them. They were very restless and did not stay long in any one tree.

Tufted Titmice were common here. I shot and winged one and one of the others came and hovered around me exactly as the Bluebirds had done, screaming harshly all the while. These birds scolded us harshly as soon as we entered the woods but usually kept out of reach.

In a small draw a male Cardinal was singing with all his might in spite of the storm. It was the best and clearest song that I have ever heard from this bird. The beginning notes were clear and whistled as usual but after that there was great variation. The bird was not wild but sat in the bushes near the ground where it was hard to see him.

Great numbers of Tree Sparrows were seen. They usually kept in loose flocks that kept together. When once they were started they went through the bushes with considerable rapidity. In one place they all flocked in one small bush until it was fairly black with them and I could have secured twenty-five at a single shot. Some of them were singing.

Saw several Red-bellied Woodpeckers. These birds seem to be rather afraid of Hawks and either hide when one comes or else dash off rapidly through the trees. I saw one fly into an old nesting hole one day like a flash. It did not pause an instant at the entrance.

January 20, Saturday.

1439. *Accipiter velox*. Jas. Beck. No. 6 school house south of Lawrence, Kansas, iris yellow. tip of bill & culmen dusky rest of bill slate. cere dull green changing to yellow between the nostrils tarsus yellow. Length 16 1/4 wing 9 1/4 tail 7 7/8 ♀ im. Stomach contents sparrow

1440. *Sialia sialis* Q. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. bill black. gape yellow. tarsus black. Length 6 1/8 wing 3 3/4 tail 2 3/8 ♀ ad. Stomach contents grapes

1441. *Spizella monticola*. Q. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. maxilla and tip of bill black. base of mandible yellow. tarsus brown. Length 5 7/8 wing 2 7/8 tail 6. ♀ im. Stomach contents seeds

1442. *Carpodacus purpureus*. Q. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. maxilla pale olive. mandible lighter. tarsus brown. Length 157 wing 90 tail 64 ♀ ad. Stomach contents seeds

1443. *Otocoris alpestris praticola*. Q. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. maxilla and tip of mandible brown. rest of mandible pale slate. tarsus black. Length 160 wing 101 tail 60 ♀ im. Stomach contents seeds.

1444. *Otocoris alpestris praticola*. Q. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. maxilla & tip of mandible dull brown. base of mandible light buff. tarsus black. Length 167 wing 105 tail 64 ♀ ad. Stomach contents seeds

1445. *Otocoris alpestris praticola* Q. Wetmore. Washington Creek southwest of Lawrence, Kansas, iris brown. maxilla and tip of mandible dull brown. rest of mandible dull white. tarsus black. Length 181 wing 110 tail 72 ♀ ad. Stomach contents seeds

1446. *Otocoris alpestris praticola* Q. Wetmore. Washington Creek, southwest of Lawrence, Kansas, iris brown. maxilla & tip of mandible dull brown. base of mandible dull white. tarsus

Black Length 174 wing 107 tail 68 ^{seeds.} ♂ ad. Stomach contents
 1447. *Otocoris alpestris praticola*. Dallas Hanna. given to
 me skinned and made up. Original label as follows.
Eremophila alpestris ♀, Jan. 20, 1906, Lawrence, Kansas,
 G. D. H. No. 63; Horned Lark. 7.00 X 12.75. ^{measured} iris brown
 mandibles slaty blue, under lighter. Tarsus & toes
 black. Crop contained grass seed. Shot 1/2 mile of
 Lawrence, near dust.

This morning it was very warm but the
 wind blew hard from the south all day and
 birds were not as plentiful as they might have
 been. Mr Beck and I drove out on Washington
 Creek. Only a few tree sparrows were seen all
 day and they were very quiet keeping down
 in the grass out of the wind. In their
 actions they reminded me of those I noted in
 spring at Independence, Kansas. They skulked
 along in the same way and when flushed
 only flew a few feet. I shot one thinking it
 was something else. A few were seen along
 a hedge on the uplands but were rather
 silent.

On the draw east of our stopping place
 I encountered a considerable flock of Bluebirds.
 They were down in the woods out of the wind
 and were feeding on grapes. They were not
 very wild but always took care to keep their
 distance. When I passed the whole flock went
 out more into the open in an apple orchard,
 where they were still when I returned. They
 flew about from one perch to another where
 they sat quietly until moved to fly again.
 Occasionally one flew down on the ground
 for a minute or two and they may have
 secured a few insects as I saw spiders,
 several Hemiptera and a butterfly. Once or twice
 one of the males sang but the usual

notes were a low call which was generally given just as they flew.

In this same draw was a flock of Flicker with one or two Red-shafted among them. They were also feeding on the grapes in the tree tops and seemed loth to leave this warm sheltered spot. They only flew short distances but were hard to locate because of the thick tangle of grapevines. I would locate one ahead and make my way carefully toward it but before I got within shot several others would spring up at one side and the first bird would fly off with them. They only flew short distances but soon nearly all of them had left. Only once or twice did I hear the loud kin. When there were several in a tree together they bowed and called to each other but were not very demonstrative.

A single Red-tailed Hawk had his headquarters in this draw but was too wary to come within shot. He always saw me a long way off and would come flying out through the trees and then circle back and forth against the wind high up in the air.

There was a small flock of Purple Finches at the head of one draw where I found them on my first visit. There was one brilliant male and I secured it and another one and the others left. I saw several others flying around but could get no shots.

In a plowed field on top of the hill was a large flock of Prairie Doves. I heard them calling for some time before I found them. When I came up first I could not see them at all

and the whole flock flew into another field. I followed them over here and when they flew again got three on the wing. Later I saw them on the ground. They crouched down as much as possible and did not move around so as to keep out of the wind. They also faced toward the direction from which the wind came.

Saw several Harris Sparrows in a hedge on the way home and shot one but did not get it. Dallas Hanna told me that he saw a number together with some White-crowned Sparrows in the hedges further south and west than we were. These birds have been surprisingly scarce this fall and winter.

On the way home a Sharp-shinned Hawk allowed ~~to~~ us to drive up within easy range and Mr. Beck shot it. It sat on a fence post looking directly at us and crouched down until it could hardly be distinguished from the post. It was a female and was the largest one I ever saw or heard of. It measured two inches more than any record.

January 25, Thursday

1448. *Oryzopsis pubescens medianus*. Found on Mississippi St. Lawrence, Kansas, iris reddish brown. Bill black base of mandible slaty. Tarsus dark slate. Length 164 wing 95 tail 58 ~~Bill~~ Stomach contents quills.

This bird had its plumage greatly discolored by soot but I did not have time to wash it.

January 27, Saturday

1449. *Cyanocitta cristata*. Mr. Wehmer. Mud Creek north of Lawrence, Kansas, iris brown bill black. Tarsus black

Length 289 wing 132 tail 125 ♂ ad stomach contents corn

1450. *Junco hyemalis*. A. Wetmore. Mud Creek, north of Lawrence, Kansas, iris brown. bill pinkish white. tip & nostrils dusky. tarsus brown. Length 155 wing 81 tail 74 ♀ im. stomach contents seeds

1451. *Junco hyemalis*. A. Wetmore. Mud Creek north of Lawrence, Kansas, iris brown. bill pinkish white. nostrils & tip dusky. tarsus brown. Length 159 wing 84 tail 72 ♂ ad. stomach contents seeds.

1452. *Thryothorus ludovicianus*. A. Wetmore. Mud Creek, north of Lawrence, Kansas. iris brown. base of mandible dull buffy white. rest of bill dark brown. tarsus brown. Length 150 wing 63 tail 50 ♂ ad. stomach contents insects

1453. *Arpodacus purpureus*. A. Wetmore. Mud Creek, north of Lawrence, Kansas, iris brown. bill dull olive. mandible paler. tarsus brown. Length 160 wing 87 tail 60 ♀ ad. stomach contents seeds

1454. *Astragalinus tristis*. A. Wetmore. Mud Creek, north of Lawrence, Kansas, iris brown. base of mandible dull yellow. rest of bill dusky. tarsus brown. Length 126 wing 75 tail 49 ♀ im. stomach contents seeds

1455. *Penthestes atricapillus*. A. Wetmore. Mud Creek, north of Lawrence, Kansas, iris brown. bill black. tarsus slate. Length 143 wing 69 tail 65 ♂ im. stomach contents insects

1456. *Penthestes atricapillus*. A. Wetmore. Mud Creek, north of Lawrence, Kansas, iris brown. bill black, tarsus slate. Length 136 wing 67 tail 66 ♀ im. stomach contents insects

1457. *Passer domesticus*. A. Wetmore. Road north of Lawrence, Kansas, iris brown. base of mandible yellow. rest of bill brown. tarsus brown. Length 150 wing 77 tail 55 ♀ ad. stomach contents seeds.

1458. *Passer domesticus*. A. Wetmore. road north of

Lawrence, Kansas, iris brown. base of maxillary
toma + base of mandible yellow. rest of bill
dusky. tarsus brown. length 157 wing 78 tail 61
♀ ad. stomach contents seeds.

1459. *Passer domesticus*. A Wetmore. Road north of
Lawrence, Kansas, iris brown. base of mandible
dull yellow. rest of bill dusky. tarsus brown.
length 155 wing 78 tail 55 ♀ ad. stomach contents
corn.

This morning after breakfast Mr. Beck
and I went twelve miles north of town
along Mud Creek. It was a fine warm day
and birds were fairly common.

Bluejays were beginning to mate and flew
around in pairs and pairs calling harshly. I
got a shot at one for the first time this winter.

Saw a pair of Carolina Wrens and got
one of them. They were hunting through
some brush piles calling and scolding harshly.

Red-tailed Hawks were fairly common but
I could get no shots. They flew around high
up and one or two were in sight most of the
time. They appeared to go in pairs but whether
they were mated or not I could not tell.

The Chickadees were feeling the influence
of the spring weather too. They are giving
new whistles and calls and show little
signs of mating among themselves.

There are not many birds along the
road now and Crows do not appear to be
as thick as they. A man told me of a Crow
roost in the oak bush on one of the hills there.
He said that quite a number of birds
used it.

Cardinals were singing a little and
were seen everywhere.

Saw one flock of quail.

January, Birdlist.

American Goldfinch
 English Sparrow
 Bluejay
 Chickadee
 Red-bellied Woodpecker
 Hairy Woodpecker
 Crow
 Tufted Titmouse.
 Flicker
 Red-shafted Flicker.
 Carolina
 Downy Woodpecker
 Junco
 Purple Finch
 Tree Sparrow
 Red-tailed Hawk
 Song Sparrow
 White-breasted Nuthatch
 Marsh Hawk.
 Bluebird
 Brown Creeper
 American Rough-legged Hawk
 Golden-crowned Kinglet.
 Sharp-shinned Hawk
 Harris Sparrow
 Carolina Wren
 Screech Owl
 Robin
 Prairie Horned Lark
 Meadowlark.
 Lapland Songspew
 White-rumped Shrike
 33. Great Horned Owl.



