1999

Waterfowl Production Surveys

Units 1-4

1 - 4

urvey

Observer Schroeder '99 Unit # 1 Transect # 59

FI

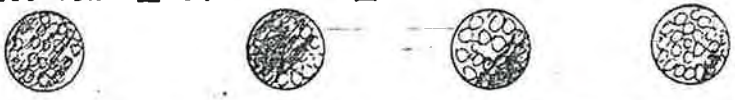
Species Mal
Nest # 503
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

10 # eggs
Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [x] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/10/99

(check one) Not Relocated
- [x] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Expelled cowbird - took about 5 min to find nest under bullrush/grass.

Location Sketch

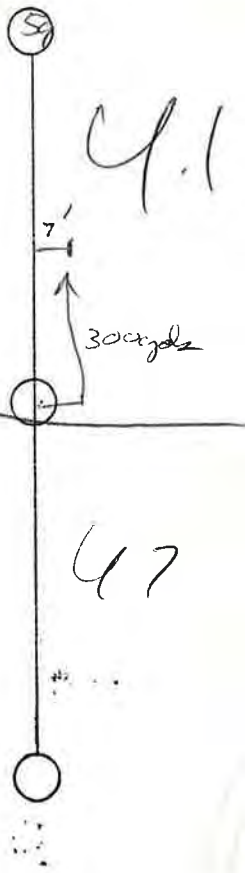
Unit # 1
Transect # 59
Nest # 503 is located
25 ft in
- [x] North
- [ ] South

of flag and
7 ft 0 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___

Paddock # ___



4.1

47

Compute Mayfield

132	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
10	age when found		

Waterfowl Production Survey

Observer L. RAWINSKI Date 5/19/99 Unit # 1 Transect # 69

FIRST VISIT

Species Mallard
Nest # 4
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
4 Inc. stage
0 # parasitic eggs

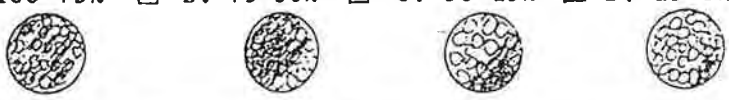
Dist. to standing H_2O 75ft

COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] 85% Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sya Bullrush
- [x] 15% Other White top

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

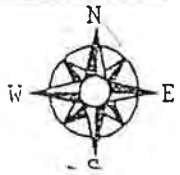
Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



SECOND VISIT-Fate

Date 6/16/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Notes (All eggs relatively cold and one looks like it's been buried in mud.)

Line up transect markers to the South. Nest is also 8 feet north of the start of a saltgrass patch

Eggs all gone - predator unknown

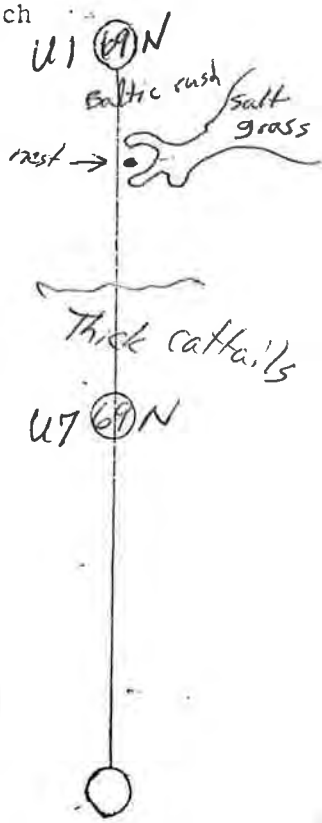
Unit # 1
Transect # 69
Nest # 4 is located
25ft in
- [ ] North
- [x] South

of flag and
1 ft 6 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer _____ Date 6/14/99 Unit # 1 Transect # 55

FIRST VISIT

Species Gadwall
Nest # 112
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs Laying
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 200 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [x] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

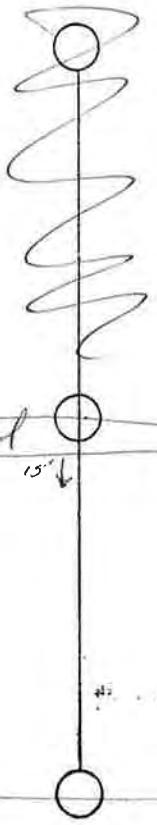
SECOND VISIT-Fate

Date 8/10-199

(check one)
- [x] Hatch
  - ~~# egg hatch~~
  - ~~# egg remain~~
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

N
W E
S

Location Sketch



Notes _____

Unit # 1
Transect # 55
Nest # 112 is located
25 ft in
- [x] North
- [ ] South

of flag and
1 ft. 0 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ____
Paddock # ____

U.1

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

FIELD FORM

Waterfowl Production Survey

Observer _____ Date 6/14/99 Unit # 1 Transect # 55

FIRST VISIT

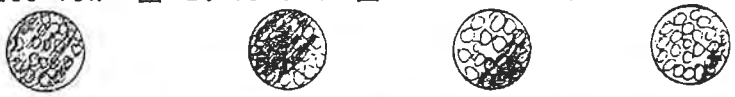
Species Mal
Nest # 57
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

10 # eggs
1 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [x] Wx Weed species
- [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6 10 99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [x] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
2 others nests within 50 yds but off transect

Location Sketch

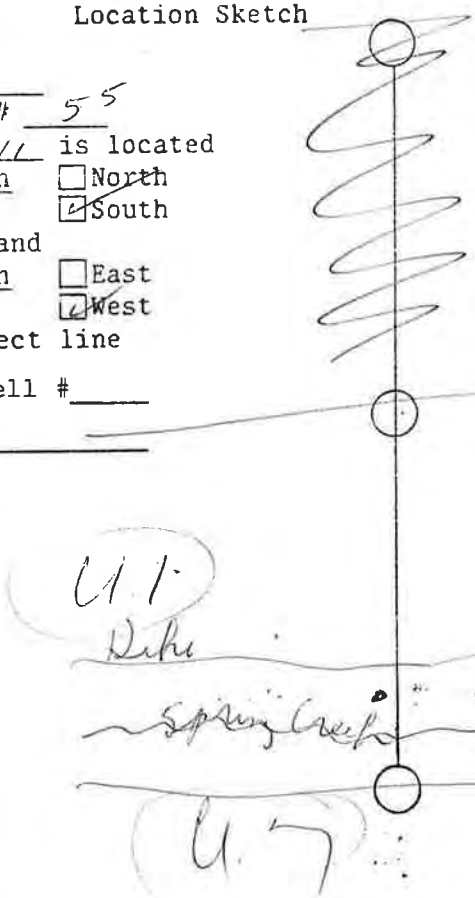
Unit # 1
Transect # 55
Nest # 11 is located
25 ft in
- [ ] North
- [x] South

of flag and
7 ft 6 in
- [ ] East
- [x] West

of Transect line

Grazing Cell #____

Paddock #_____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Rich Schmaltzbach Date 6/6/99 Unit # 1 Transect # 65

FIRST VISIT

Species mal
Nest # 514
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
Layg Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [x] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



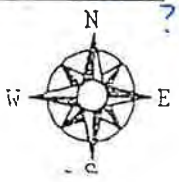
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [x] Other small mammal ? mustid



Notes
In Cattails

Location Sketch

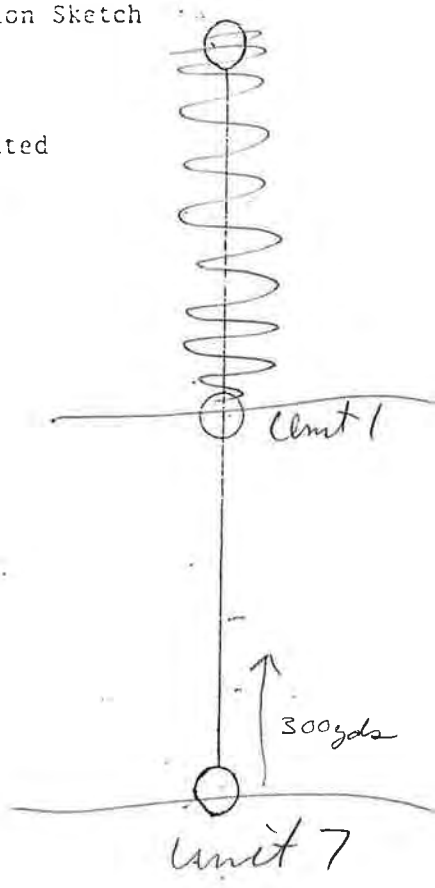
Unit # 1
Transect # 65
Nest # 514 is located
25 ft in
- [x] North
- [ ] South

of flag and
2 ft 0 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ____

Paddock # ____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Schnadelbach Date 6/16/99 Unit # 1 Transect # 63

FIRST VISIT

Species Redwall
Nest # 513
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
Lay Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 20 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [x] Cx Sedge
- [x] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ____

SECOND VISIT-Fate

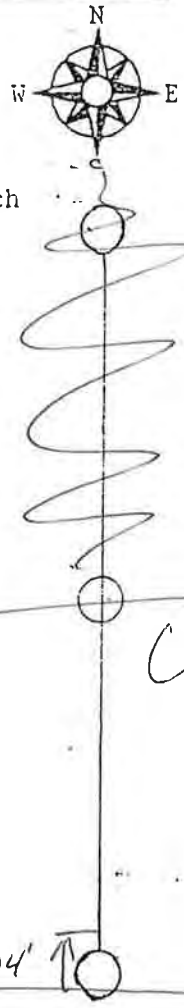
Date 8/10/99

(check one)
- [x] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ____

Notes
Could be abandoned.
Nest covered and wet from last night's rain. No visitor this morning yet (8am)
24' north of transect pole

Unit # 1
Transect # 63
Nest # 513 is located
25 ft in [x] North [ ] South
of flag and
1 ft 0 in [ ] East [x] West
of Transect line
Grazing Cell # ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stone Date 6/15/99 Unit # 2 Transect # 83

FIRST VISIT

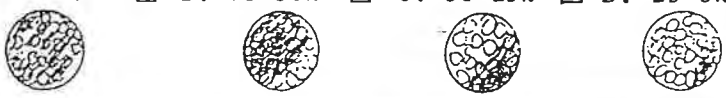
Species Mall
Nest # ~~302~~ 303
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed

4 min # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O ___ ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



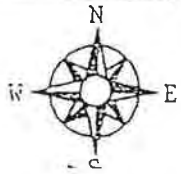
COVER TYPE
(circle dominant cover)

- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date / /

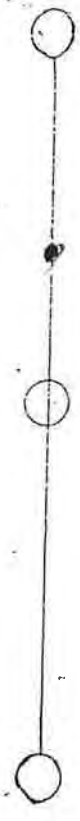
(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☒ Destroyed
  - ☒ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



Notes Nest remains + eggs found in thick stand of flooded Baltic Rush pockets of cattail nearby.

Location Sketch

Unit # 2
Transect # 83
Nest # ___ is located
25ft in ☐ North ☐ South of flag and
ft in ☐ East ☐ West of Transect line
Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/18/89 Unit # 3 Transect # 787½

FIRST VISIT

Species Pintail
Nest # 212
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
Late Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 100+ ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



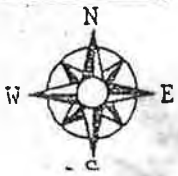
COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
70% [x]	Jba	Baltic rush
3% [x]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	___

SECOND VISIT-Fate

Date 6/15/89

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Notes
Burned area - No residual cover @ all nest completely exposed aerially NR 4-8-11 ordinal basal formation;

Location Sketch



Unit # 3
Transect # 787½
Nest # 212 is located
25 ft 0 in [ ] North [x] South
of flag and
3 ft 7 in [x] East [ ] West
of Transect line
Grazing Cell # MW5
Paddock # 14

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R. Green Date 5/18/98 (99) Unit # 3 Transect # 187 S/2

FIRST VISIT

Species Redhead
Nest # 210
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
Lay/In Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



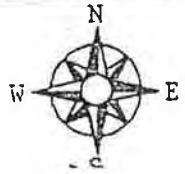
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[ ]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
100% [x]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

SECOND VISIT-Fate

Date 6/15/99

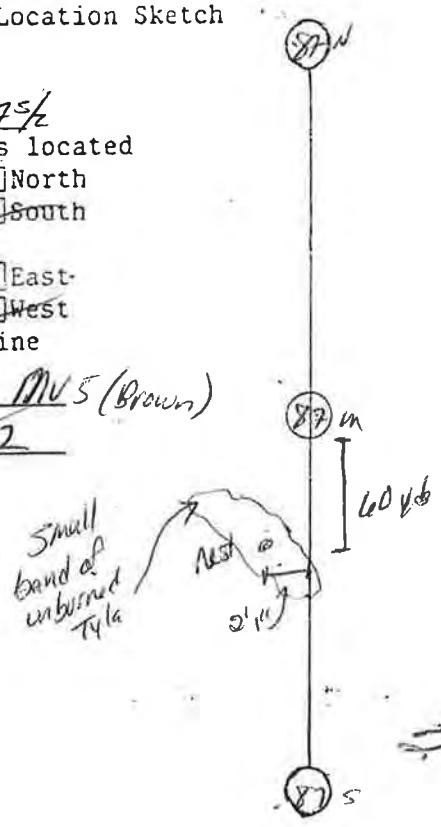
(check one)
- [x] Hatch
  - 11 # egg hatch
  - 0 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
- ★ 6/15/99 Nest flushed - eggs are covered
- ★ Nest in small unburned band of Tyla. ~ 60 yds S. of Cattle marker
- 6/15/99 Nest w/11 eggs all pipping and cracked (all alive)

Location Sketch

Unit # 3
Transect # 187 S/2
Nest # 210 is located
25 ft 0 in [ ] North [x] South
of flag and
2 ft 1 in [ ] East [x] West
of Transect line
Grazing Cell # MV 5 (Brown)
Paddock # 12



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R. Garcia Date 5/18/99 Unit # 3 Transect # 87½

FIRST VISIT

Species Canada Goose
Nest # 21
Status (check one)
- ☐ Active
- ☑ ~~Hatched~~
- ☐ Abandoned
- ☐ Destroyed

4 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ ~~Flooded~~ 5"

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ ~~D. 25-0%~~



COVER TYPE (circle dominant cover)

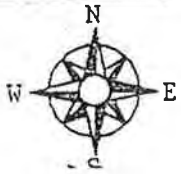
☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
☐	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☑	~~Tla~~	Cattail
☐	Sva	Bullrush
☐	Other	_____

100%

SECOND VISIT-Fate

Date 5/28/99

(check one)
- ☑ ~~Hatch~~
  - All # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☑ Coyote
  - ☐ Unknown
  - ☐ Other ____

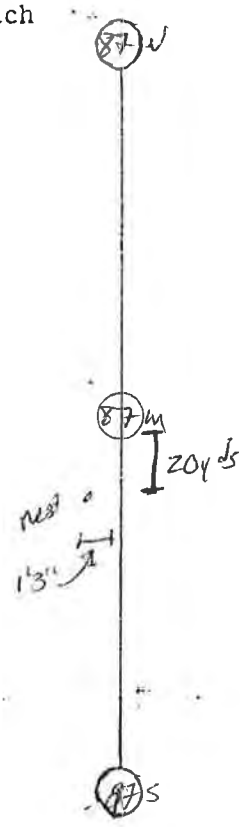


Notes

~~Nest not flagged for~~ Revisit

Location Sketch

Unit # 5
Transect # 87½
Nest # 21 is located
~~25 ft~~ in ☐ North ☐ South
of flag and
1 ft 3 in ☐ East ☑ West
of Transect line
Grazing Cell # MV5
Paddock # 12



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gacie Date 6/14/89 Unit # 3 Transect # T105 5/2

FIRST VISIT

Species Cost
Nest # NG-204
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
__ Inc. stage
1 # parasitic eggs

Dist. to standing H_2O 0 ft

COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[ ]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[x] 100%	Sva	Bullrush
[ ]	Other	_____

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2'

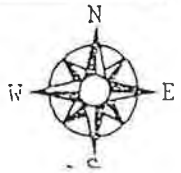
Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



SECOND VISIT-Fate

Date __/__/__

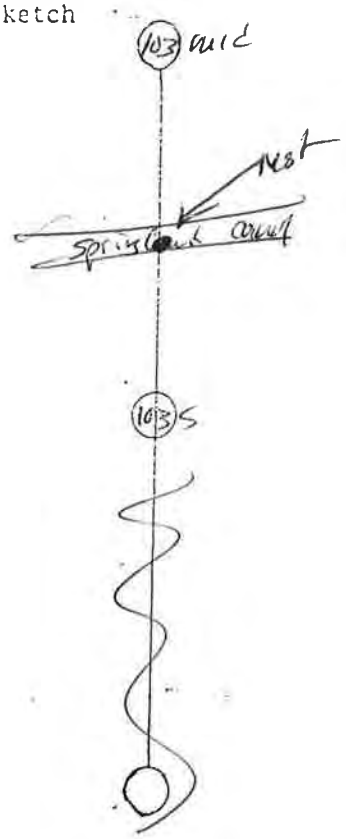
(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
Nest not flagged for re-visit

Location Sketch

Unit # 3
Transect # 103 5/2
Nest # NG-2 is located
25 ft in [ ] North [ ] South
of flag and
0 ft 3 in [ ] East [x] West
of Transect line
Grazing Cell # ____
Paddock # ____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gracie Date 6/14/99 Unit # 3 Transect # 103 5/2

FIRST VISIT

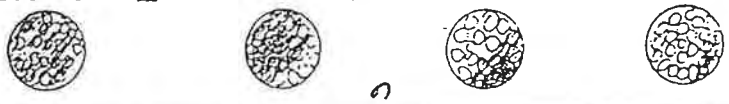
Species Mallard
Nest # 223
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 40 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



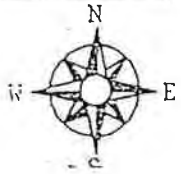
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 90% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 10% [x] Other CICA

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [x] Hatch
  - # egg hatch
  - # egg remain
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [x] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes Nest is in all Nest Quads Jba ~ 8" tall. So all structure is directly upright leaving nest exposed from above

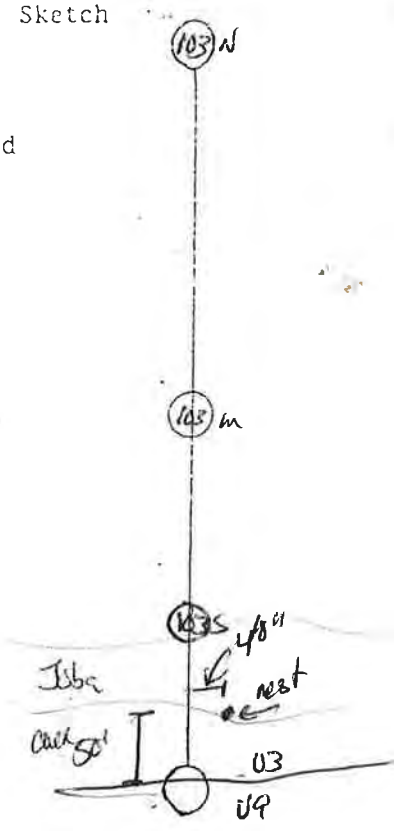
Location Sketch

Unit # 3
Transect # 103 5/2
Nest # 223 is located
25 ft 0 in
- [ ] North
- [x] South

of flag and
4 ft 0 in
- [x] East
- [ ] West

of Transect line

Grazing Cell #
Paddock #



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/15/99 Unit # 3 Transect # 187 S/2

FIRST VISIT

Species Gad/Redlead
Nest # 224
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
8 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 3"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



COVER TYPE

(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail 100%
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [x] Hatch
  - ALL # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___

N
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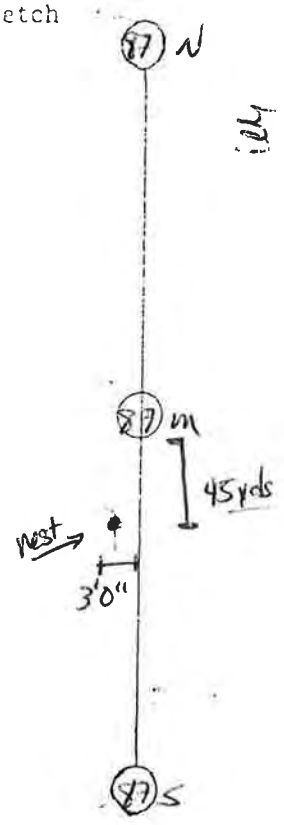
Notes

Gadwall flush all 7 8day old Redhead eggs that are covered and warm

Location Sketch



Unit # 3
Transect # 87 S/2
Nest # 224 is located
25ft 0 in [ ] North [x] South
of flag and
3ft 0 in [ ] East [x] West
of Transect line
Grazing Cell # Brown
Paddock # 12

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Green Date 6/15/95 Unit # 3 Transect # 85 N/2

FIRST VISIT

Species Mallard
Nest # 225
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
18 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



COVER TYPE

(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100% NG
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/95

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

N
W E
S

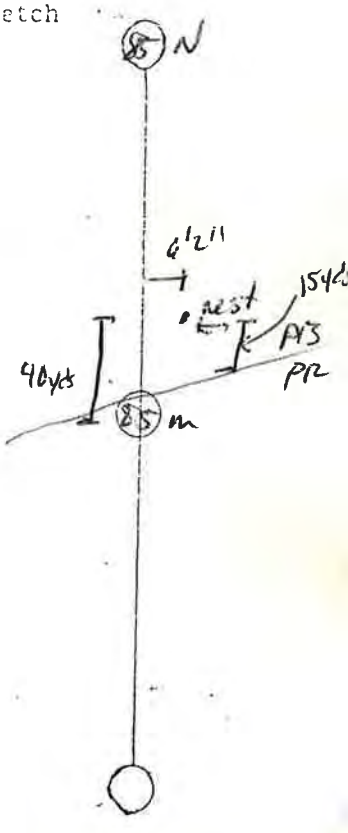
Notes
100% New growth - $\bar{x}$ height ~ 13", No Residual

Location Sketch

Unit # 3
Transect # 85 N/2
Nest # 225 is located
25 ft 0 in
- [ ] North
- [x] South

of flag and
6 ft 2 in
- [ ] East
- [ ] West

of Transect line
Grazing Cell # Brown
Paddock # 13



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. RAWINSKI Date 5/18/99 Unit # 4 Transect # 121

FIRST VISIT

Species Mallard
Nest # 3
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
4 Inc. stage
0 # parasitic eggs

Dist. to standing H_2O ~100ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



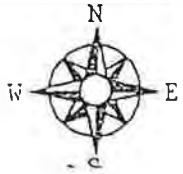
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 75%
- [ ] Cx Sedge
- [ ] Px Spikerush
- [x] Tla Cattail 25%
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

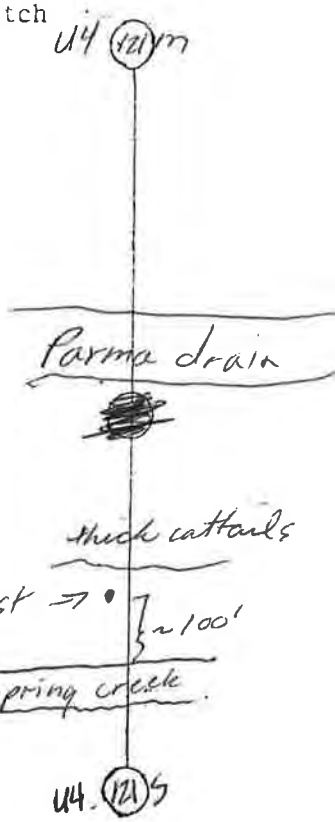
Date 6/14/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [x] Coyote/Fox
  - [ ] Unknown
  - [ ] Other _____



Notes May be hard to find. It's just before the thick cattails begun. It's under overhanging baltic rush + a few cattail stems.
~12 feet before a clumps of bulrush + cattails mixed.
Lone up'll posts to the south.

Location Sketch



Unit # 4
Transect # 121
Nest # 3 is located 25ft in [x] North [ ] South of flag and 3ft 0 in [ ] East [x] West of Transect line
Grazing Cell # —
Paddock # —

Compute Mayfield

___	Species ADU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Ravenscroft Date 6/14/99 Unit # 4 Transect # 111

FIRST VISIT

Species Mallard
Nest # 5
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
23 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 1/2 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



COVER TYPE (circle dominant cover)

[ ]	Sx	Willow	
[ ]	Sve	Greasewood	
[ ]	Crx	Rabbit brush	
[ ]	Dst	Salt grass	
[ ]	Gx	Grass species	
[ ]	MoF	Sweetclover	
[ ]	Wx	Weed species	
15% [X]	Jba	Baltic rush	
[ ]	Cx	Sedge	
[ ]	Ex	Spikerush	
85% [X]	Tla	Cattail	
[ ]	Sva	Bullrush	
[ ]	Other		

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [X] Hatch
  - All # egg hatch
  - — # egg remain
- [X] ~~Abandoned~~
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] ~~Other~~

N
W E
S

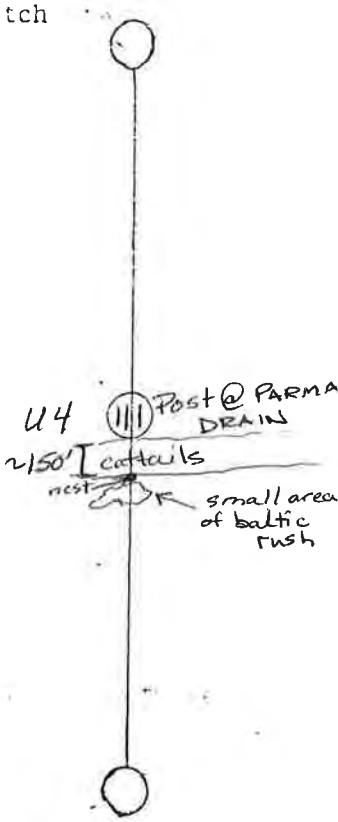
Notes Hen dumped on eggs, nest + surrounding vegetation. I cleaned the eggs.

Nest is on the south edge of cattails where there's a small area of baltic rush. Nest is mostly in cattails.

Flag is in cattails south of this small baltic rush area. It's hard to see so I also marked it with red ribbon

Location Sketch

Unit # 4
Transect # 111
Nest # 5 is located
25ft in [X] North [ ] South of flag and
0ft 0 in [ ] East [ ] West of Transect line
Grazing Cell # —
Paddock # —



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 6/14/99 Unit # 4 Transect # 109

FIRST VISIT

Species Mallard
Nest # 6
Status (check one)
- [x] Active
- [ ] Hatched
- [x] Abandoned
- [ ] Destroyed

eggs are cold, no hen

9 # eggs
21 Inc. stage
— # parasitic eggs

Dist. to standing H_2O ~350 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



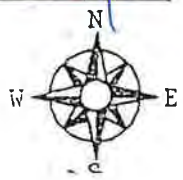
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 98% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 2% [x] Tla Cattail (around)
- [ ] Sva Bullrush
- [ ] Other White top residual

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [ ] Hatch
  - ALL # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other

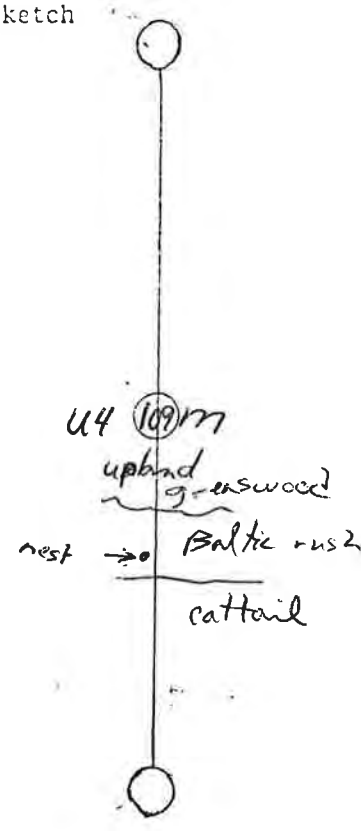


Notes Line up Posts to the South + measure from them

Nest is ~ 1 foot south of dead greasewood - just a pile of sticks now.

Location Sketch

Unit # 4
Transect # 109
Nest # 6 is located
25 ft in [x] North [ ] South
of flag and
7 ft 0 in [ ] East [x] West
of Transect line
Grazing Cell # Getz
Paddock # ~~#9~~ #8



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 6/19/99 Unit # 4 Transect # 109

FIRST VISIT

Species Gadwall
Nest # 7
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
4 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 13 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [X] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE

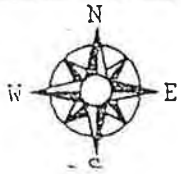
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [X] Gx Grass species (90%)
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush (10% residual mostly)
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [X] Flooded
- [X] Destroyed
  - [X] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ____



Notes Nest is ~ 13' south of spring creek.
Line up posts to the south.

Location Sketch

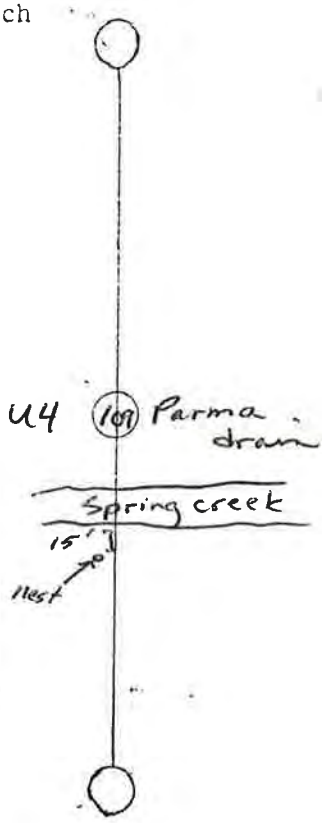
Unit # 4
Transect # 109
Nest # 7 is located
25 ft in
- [X] North
- [ ] South

of flag and
7 ft 2 in
- [ ] East
- [X] West

of Transect line

Grazing Cell # ____

Paddock # ____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 6/14/99 Unit # ~~2~~ 4 Transect # 123

FIRST VISIT

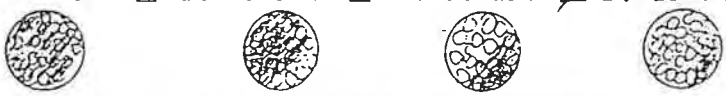
Species Mallard
Nest # 8
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
23 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



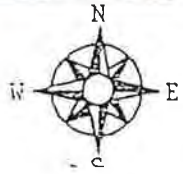
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [X] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [X] Hatch
  - 4 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nest is in short cattails, mostly residual material. I know this will change before July checks

Hen dumped on eggs + nest. I cleaned the eggs.

** live up posts to the north

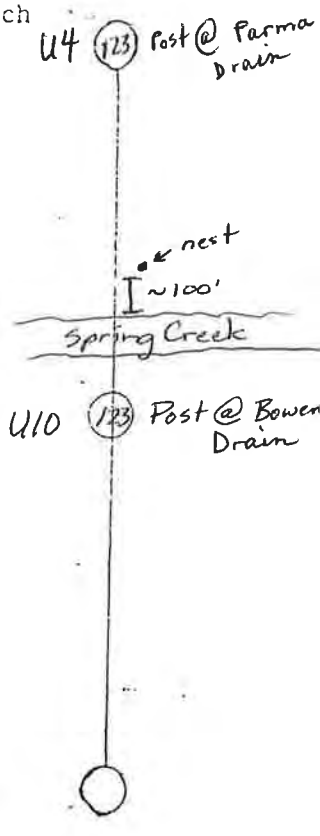
Location Sketch

Unit # 4
Transect # 123
Nest # 8 is located
25ft in
- [ ] North
- [X] South

of flag and
7ft 4 in
- [X] East
- [ ] West

of Transect line

Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. RAWINSKI Date 6/14/99 Unit # 4 Transect # 123

FIRST VISIT

Species Teal
Nest # 9
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed avian

7 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

COVER TYPE (circle dominant cover)

	☐ Sx	Willow
	☐ Sve	Greasewood
	☐ Crx	Rabbit brush
	☐ Dst	Salt grass
	☐ Gx	Grass species
	☐ MoF	Sweetclover
	☐ Wx	Weed species
80%	☒ Jba	Baltic rush
	☐ Cx	Sedge
	☐ Ex	Spikerush
	☐ Tla	Cattail
	☐ Sva	Bullrush
20%	☒ Other	whitetop

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☒ Flooded

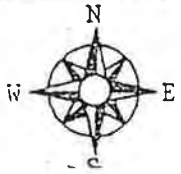
Aerial Cover (check one)
☐ A. 100–75% ☐ B. 75–50% ☐ C. 50–25% ☒ D. 25–0%



SECOND VISIT–Fate

Date 6/14/99

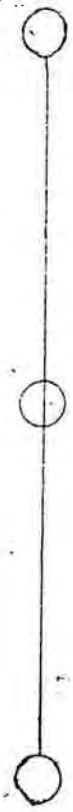
(check one)
- ☐ Hatch
  - # egg hatch
  - # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☒ Destroyed
  - ☒ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other



Notes

Location Sketch

Unit # 4
Transect # 123
Nest # ____ is located
25 ft in ☐ North ☐ South of flag and
ft in ☐ East ☐ West of Transect line
Grazing Cell # —
Paddock # —



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

V/P

Waterfowl Production Survey

Observer L. Rawinski Date 6/14/99 Unit # 4 Transect # 123

FIRST VISIT

Species Mallard
Nest # 10
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed avian

5 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 2 ft

Soil Surface (check one)
- ☐ Dry
- ☒ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☒ D. 25-0%



COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☒ Sve Greasewood
- ☐ Crx Rabbit brush
- ☒ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date / /

(check one)
- ☐ Hatch
  - # egg hatch
  - # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other

N
W E
S

Notes

Location Sketch

Unit # 4
Transect # 123
Nest # _____ is located
25 ft in ☐ North ☐ South of flag and
ft in ☐ East ☐ West of Transect line
Grazing Cell # 6 tr
Paddock # 5



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 6/14/99 Unit # 4 Transect # 123

FIRST VISIT

Species Teal
Nest # 11
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

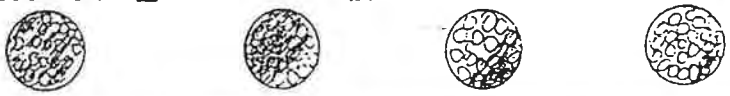
Changed status when found to piping KS, 14 Apr 03

8 # eggs
21 Inc. stage 1 egg is hatching
— # parasitic eggs

Dist. to standing H_2O 1/2 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded

Aerial Cover (check one)
[X] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%

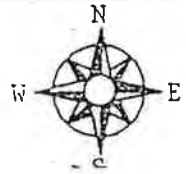


COVER TYPE (circle dominant cover)
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ____

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [X] Hatch
  - 8/21 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ____



Notes line up posts to the north.
Nest is very well hidden.
Hen dumped on eggs. I cleaned eggs.

Unit # 4
Transect # 123
Nest # 11 is located
25 ft in [ ] North [X] South of flag and
7 ft 10 in [X] East [ ] West of Transect line
Grazing Cell # 6ctz
Paddock # 4

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. RAWINSKI Date 6/14/99 Unit # 4 Transect # 121

FIRST VISIT

Species Mallard
Nest # 12
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
Inc. stage
— # parasitic eggs

Dist. to standing H_2O 1/2 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [X] C. 50-25% [ ] D. 25-0%



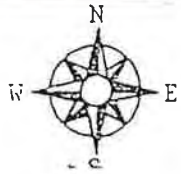
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [X] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ____

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [X] Hatch
  All # egg hatch
  # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [X] Unknown
  - [ ] Other ____



Notes Ran out of nest forms so check on flag to make sure of nest location (east or west of transect center).

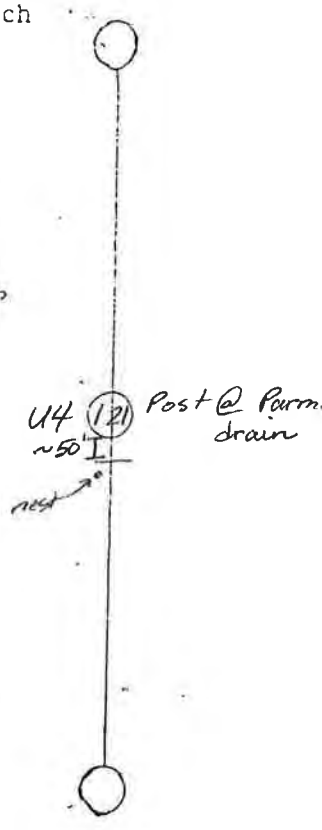
Location Sketch

Unit # 4
Transect # 121
Nest # 12 is located
25 ft in
- [X] North
- [ ] South

of flag and
6 ft 3 in
- [ ] East
- [X] West check on flag

of Transect line

Grazing Cell # —
Paddock # —



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Pawinski Date 6/15/99 Unit # 4 Transect # 123

FIRST VISIT

Species Teal
Nest # 13
Status (check one)
- ☐ Active
- ☐ Hatched
- ☒ Abandoned
- ☐ Destroyed

6 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- ☐ Dry
- ☒ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☒ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☒ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 6/15/99

(check one)
- ☐ Hatch
  - # egg hatch
  - # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other



Location Sketch



Notes _____

Unit # 4
Transect # 123
Nest # _____ is located
25 ft in ☐ North ☐ South
of flag and
ft in ☐ East ☐ West
of Transect line
Grazing Cell # Getz
Paddock # 3

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Surveys

Units 5-8

Waterfowl Production Survey

Observer R. Gorecki Date 5/20/99 Unit # 5 Transect # T12S

FIRST VISIT

Species Mourning Dove
Nest # NG-201
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 100ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE

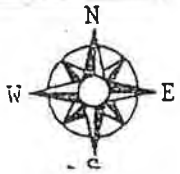
(circle dominant cover)

- [ ] Sx Willow
- [x] Sve Greasewood 100%
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date / /

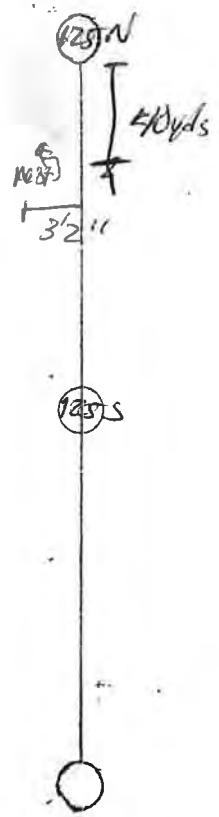
(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes Nest not flagged for revisit

Unit # 5
Transect # T12S
Nest # ___ is located
25ft in [ ] North [ ] South
of flag and
3ft 2in [ ] East [x] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer SCM Date 5/17/99 Unit # 6 Transect # 29

FIRST VISIT

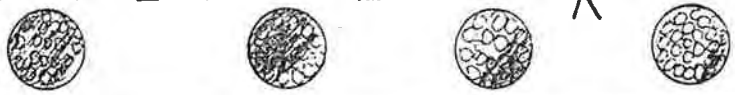
Species MALLARD
Nest # 600
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

2 # eggs
Fresh Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 1000+ ft ? can't see any

Soil Surface (check one)
- [X] Dry
- [ ] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [X] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush
- [X] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/17/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ? [X] Abandoned
- [ ] Flooded
- ? [X] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [X] Unknown
  - [ ] Other _____



final fate = 11 14 Nov 03 SCM

Notes Can't see any open water - not sure of distance to open water

Could not see evidence of a nest. No eggs or shells. may have been abandoned or predated. Hard to tell. But defmately not successful.

6/17/99

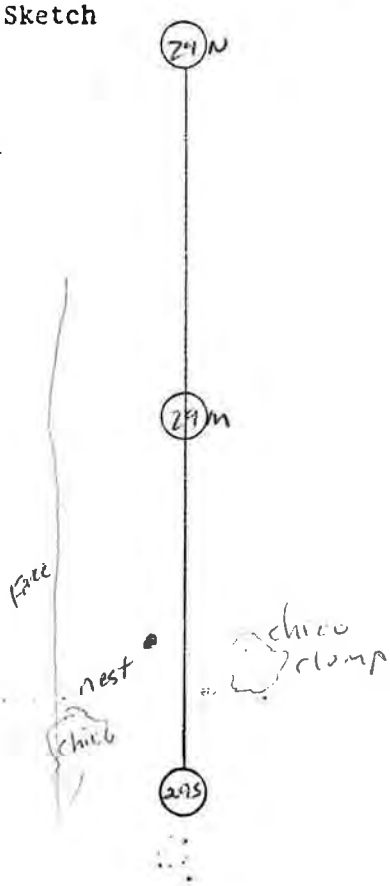
Unit # 6
Transect # 29
Nest # 600 is located
25 ft in
- [ ] North
- [X] South

of flag and
6 ft 2 in
- [ ] East
- [X] West

of Transect line

Grazing Cell # Cooley
Paddock # 1

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer SGM Date 5/17/99 Unit # 6 Transect # 33

FIRST VISIT

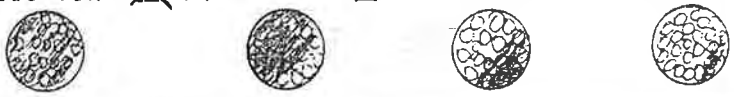
Species MALLARD
Nest # 601
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
4 Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 30ft

Soil Surface (check one)
- [X] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [X] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



COVER TYPE
(circle dominant cover)
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [X] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/17/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [X] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

mammal



Notes Nest destroyed. No eggs or shells present. Mammal predation.

6/17/99 →

Location Sketch

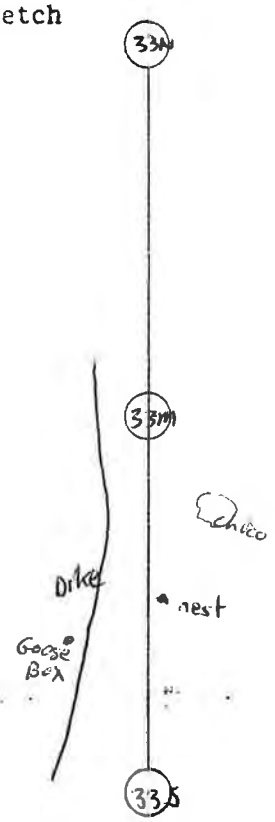
Unit # 6
Transect # 33
Nest # 601 is located
25ft in
- [ ] North
- [X] South

of flag and
1 ft 6 in
- [X] East
- [ ] West

of Transect line

Grazing Cell # COOLEY

Paddock # 3



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 6 Transect # 33

FIRST VISIT

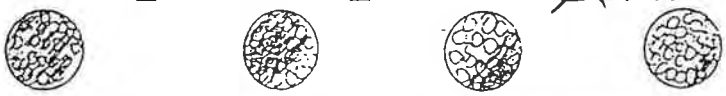
Species W. Phalarope
Nest # NG-600
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
___ Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 4 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



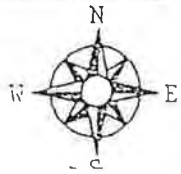
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush
- [X] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date / /

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes

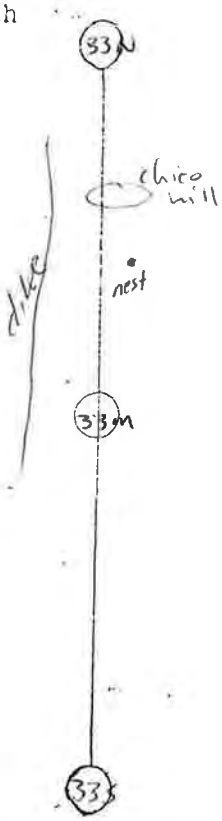
Location Sketch

Unit # 36
Transect # 33
Nest # NG-600 is located
25 ft in
- [ ] North
- [X] South

of flag and
7 ft 4 in
- [X] East
- [ ] West

of Transect line

Grazing Cell # Cooley
Paddock # 3



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 6 Transect # 33

FIRST VISIT

Species ~~[illegible]~~ Teal
Nest # 603
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
4 day Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 2 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [X] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



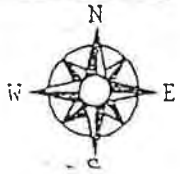
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [X] Wx Weed species
- 98% [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [X] Hatch
  - 7 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes Nest is 4' S. of a mallard nest

Note: Flag is marked gadwall but it's a teal (I think)

Location Sketch



Unit # 6
Transect # 33
Nest # 603 is located
25 ft in [ ] North [X] South
of flag and
8 ft 0 in [X] East [ ] West
of Transect line
Grazing Cell # Cooley
Paddock # 3

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 6 Transect # 33

FIRST VISIT

Species Mallard
Nest # 604
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

___ # eggs
4 6day Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 2 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [X] C. 50-25% [ ] D. 25-0%



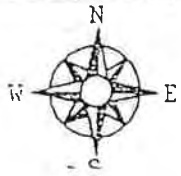
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[X]	Wx	Weed species
[X]	Jba	Baltic rush (40%)
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	___

SECOND VISIT-Fate

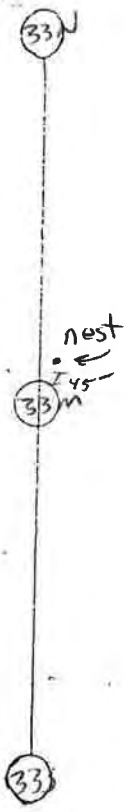
Date 8/10/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [X] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nest is 4' N of Gradwall

Location Sketch



Unit # 336
Transect # 33
Nest # 604 is located
25 ft in [ ] North [X] South
of flag and
7 ft 5 in [X] East [ ] West
of Transect line
Grazing Cell # Cooley
Paddock # 3

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 6 Transect # 35

FIRST VISIT

Species Mallard
Nest # ~~605~~ 605
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed

3 present w/ peck holes # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- ☐ Dry
- ☒ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☒ C. 50-25% ☐ D. 25-0%

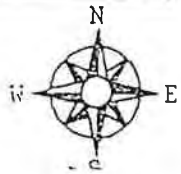


COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☒ Gx Grass species
- ☐ MoF Sweetclover
- ☒ Wx white top Weed species
- ☒ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date 6/17/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☒ Destroyed
  - ☒ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



Notes 3 shells present. Avian predation
No flag placed

Location Sketch

Unit # 6
Transect # 35
Nest # 605 is located
25 ft in ☐ North ☐ South of flag and
7 ft in ☒ East ☒ West of Transect line
No flag

Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer SGM Date 6/7/99 Unit # 6 Transect # 41

FIRST VISIT

Species Mallard
Nest # 606
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed

2 # eggs shells from 4 eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- ☐ Dry
- ☒ Moist
- ☐ Flooded

Aerial Cover (check one)
☒ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%

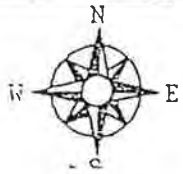


COVER TYPE (circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT–Fate

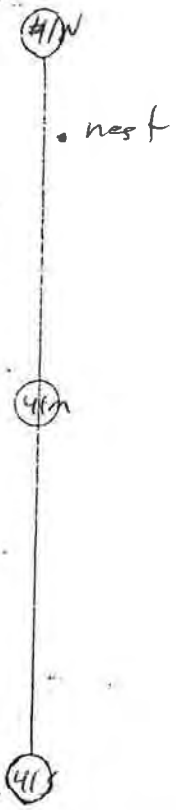
Date 6/7/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☒ Destroyed
  - ☐ Raven/magpie
  - Mammal ☒ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



Notes predated
6/7/99 looks to be mammal.
Nest bowl not real torn up
Shells from 4 eggs next to or in nest

Location Sketch



Unit # 6
Transect # 41
Nest # 606 is located 25 ft in ☐ North ☒ South of flag and 4 ft 7 in ☒ East ☐ West of Transect line
Grazing Cell # Cooley
Paddock # 6

Compute Mayfield

___ Species AOU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days
___ age when found	

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 6 Transect # 43

FIRST VISIT

Species Mallard
Nest # 607
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
17 day Inc. stage
0 # parasitic eggs

Dist. to standing H_2O ___ ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



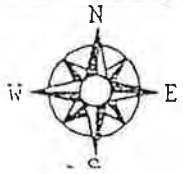
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [x] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes

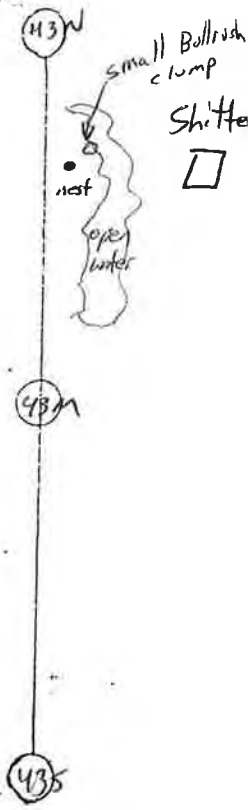
Unit # 6
Transect # 43
Nest # 607 is located
25ft in
- [x] North
- [ ] South

of flag and
4 ft 10 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # Cooley
Paddock # 7

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Schnadelbach Date 5/16/99 Unit # 7 Transect # 59

FIRST VISIT

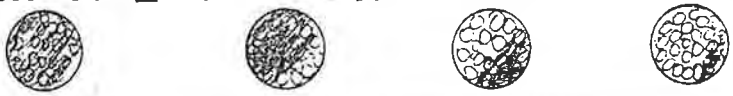
Species Mal
Nest # 502
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ Destroyed

8-10 # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☑ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☑ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date 5/16/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☑ Destroyed
  - ☑ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☑ Coyote
  - ☐ Unknown
  - ☐ Other ___

N
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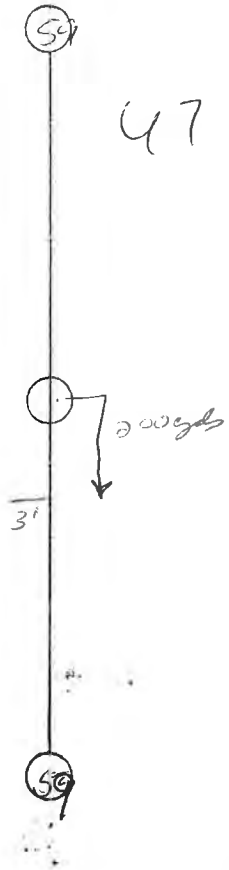
Location Sketch



Notes
Looks like it was hit by a coyote 1st then one sunday Raven. Both typical predation are evident
No Flag - predated -
Just S. East of stock pond.

Unit # 7
Transect # 59
Nest # 502 is located
25ft ~~in~~ ☐ North ☐ South
of flag and
3ft 0 in ☐ East ☑ West
of Transect line
Grazing Cell #____
Paddock #____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Schwabenbauer Date 5/16/99 Unit # 7 Transect # 61

FIRST VISIT

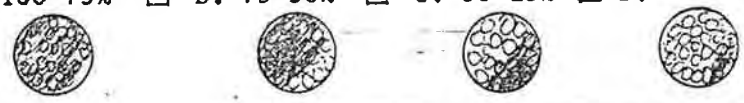
Species ? Mal
Nest # 505
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ Destroyed

7 # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 20 ft

Soil Surface (check one)
- ☐ Dry
- ☑ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☑ C. 50-25% ☐ D. 25-0%



COVER TYPE (circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☑ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 5/16/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☑ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☑ Other Fox

N
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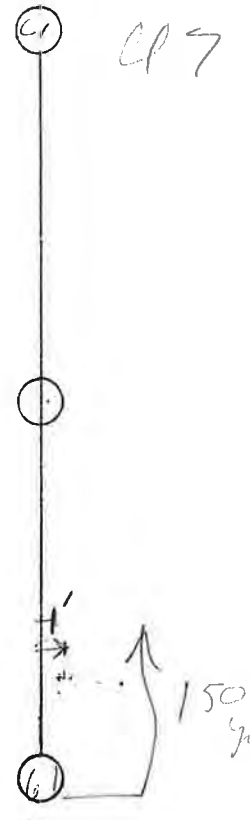
Location Sketch



Notes No flag predated. Old eggs gone - guessing it was a mallard. Hate to say it they're probably for predation/cache eggs. Probably for that predated goose nest 50 yds North

Unit # 7
Transect # 61
Nest # ___ is located
25 ft in ☐ North ☑ South of flag and
1 ft 0 in ☐ East ☑ West of Transect line
Grazing Cell #____
Paddock #_____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Schroederbeck Date 5/16/99 Unit # 7 Transect # 61

FIRST VISIT

Species C. Goose
Nest # 504
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ Destroyed

? # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 10 ft

Soil Surface (check one)
- ☐ Dry
- ☑ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ D. 25-0%



COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☑ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 5/16/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☑ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☑ ~~Coyote~~
  - ☐ Unknown
  - ☑ Other ? Fox

N
W E
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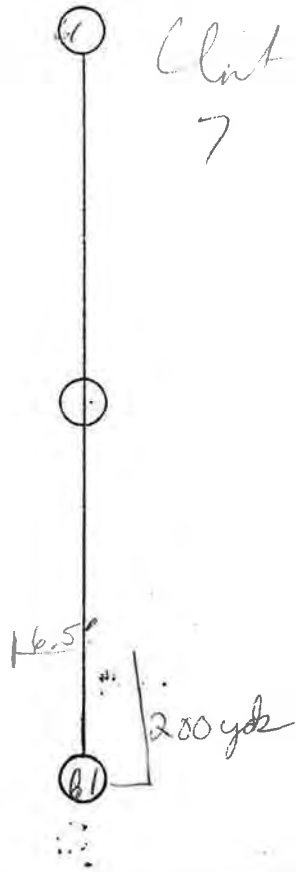
Location Sketch



Notes
No flag
paddocked

Unit # 7
Transect # 61
Nest # _____ is located
25 ft ~~in~~ ☐ North ☐ ~~South~~
of flag and
6 ft 6 in ☑ ~~East~~ ☐ West
of Transect line

Grazing Cell #_____

Paddock #_____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Schnackenberg Date 5/16/99 Unit # 7 Transect # 57

FIRST VISIT

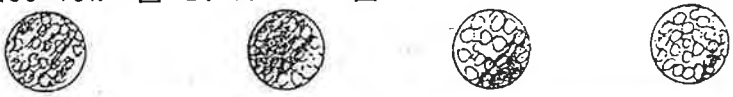
Species Wilson's Snipe
Nest # 501
Status (check one)
- ☑ Active
- ☐ Hatched
- ☐ Abandoned
- ☐ Destroyed

4 # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☑ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)

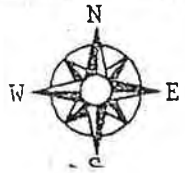
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☑ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date / /

(check one)

- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



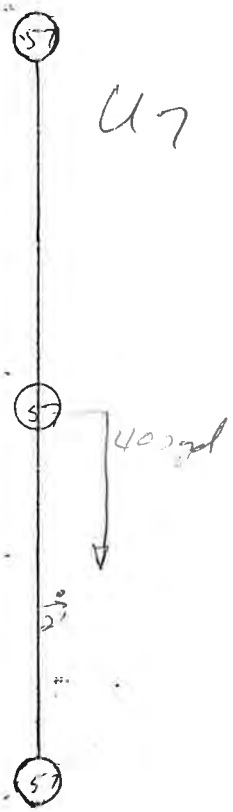
Notes ___

Unit # 7
Transect # 57
Nest # 501 is located
25 ft in ☐ North ☑ South
of flag and
2 ft 0 in ☑ East ☐ West
of Transect line

Grazing Cell # ___

Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer SGM Date 5/17/99 Unit # 7 Transect # 45

FIRST VISIT

Species MALLARD
Nest # 602
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed

1+ # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☒ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☒ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☒ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

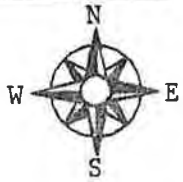
Date 5/17/99

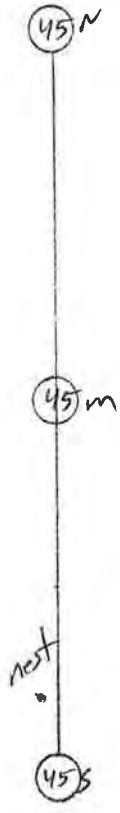
(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☒ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other _____

Notes Avian predator
# of eggs unknown (1+)
Found parts of 2 eggs

Unit # 7
Transect # 45
Nest # 602 is located
25 ft in ☐ North ☐ South of flag and
2 ft in ☐ East ☒ West of Transect line
Grazing Cell # cooley
Paddock # 10

Location Sketch





Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Schmaderbeck Date 6/14/99 Unit # 7 Transect # 59

FIRST VISIT

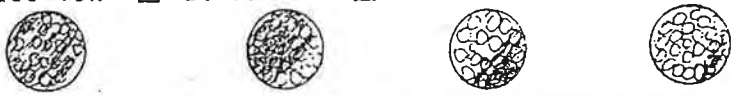
Species C. Teal
Nest # 512
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

12 # eggs
12 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 10 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

IIc = 7
IIc = 9 P

(check one)
- [x] Hatch
  - 6 # egg hatch
  - 6 # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

N
W E
S

Location Sketch



4.7

Notes _____

Unit # 7
Transect # 59
Nest # 512 is located
25 ft in
- [x] North
- [ ] South

of flag and
1 ft 0 in
- [x] East
- [ ] West

of Transect line

Grazing Cell #_____

Paddock #_____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Schnadenberg Date 6/14/99 Unit # 7 Transect # 55

FIRST VISIT

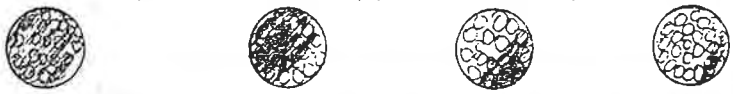
Species Mal
Nest # 510
Status (check one)
- ☐ Active
- ☑ Hatching
- ☐ Abandoned
- ☐ Destroyed

9 # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☑ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)

- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☑ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date 6/14/99

(check one)
- ☑ Hatch
  - 9 # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___

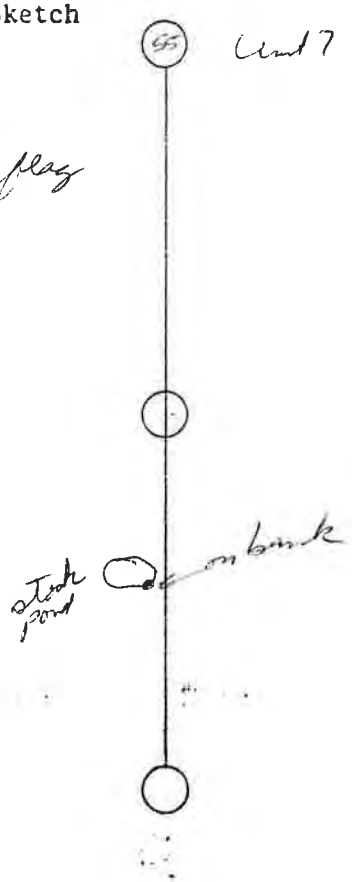


status changed to "piping" April 03

Notes
No flag - Hatching
one or two shellweak and in nest bowl other scatterings. Didn't stay long. The most part a good time to be scattering

Location Sketch

Unit # 7
Transect # 55
Nest # ___ is located
25 ft in ☐ North ☐ South
of flag and
3 ft 6 in ☑ East ☐ West
of Transect line
Grazing Cell # X
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Schmadeke Date 6/16/99 Unit # 7 Transect # 67

FIRST VISIT

Species Avocet
Nest # 515
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☐ Destroyed

3 # eggs
Lay Inc. stage ?
___ # parasitic eggs

Dist. to standing H_2O 10 ft

Soil Surface (check one)
- ☐ Dry
- ☑ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ D. 25-0%



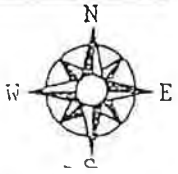
COVER TYPE
(circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☑	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
☐	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
☐	Sva	Bullrush
☐	Other	_____

SECOND VISIT-Fate

Date 1 / 1

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ____

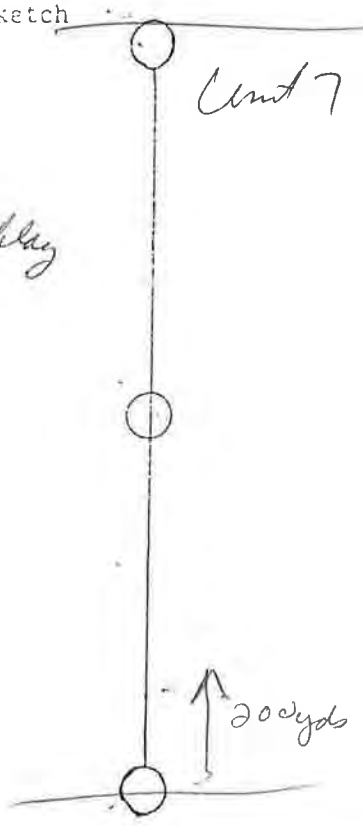


Notes

No flag
Millions of avocet getting ready to nest & waterfowl nesting at well monitored transect will not reflect avocet production as their nesting is too late to be documented

Unit # 7
Transect # 67
Nest # 515 is located
25 ft in ☐ North ☑ South of flag and no flag
ft in ☐ East ☐ West of Transect line
Grazing Cell # ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Schadebach Date 6/16/99 Unit # 7 Transect # 71

FIRST VISIT

Species Cowt
Nest # 5/6
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
? Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



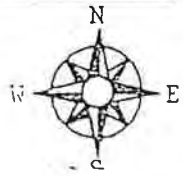
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[ ]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[x]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

SECOND VISIT-Fate

Date 1-1

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes

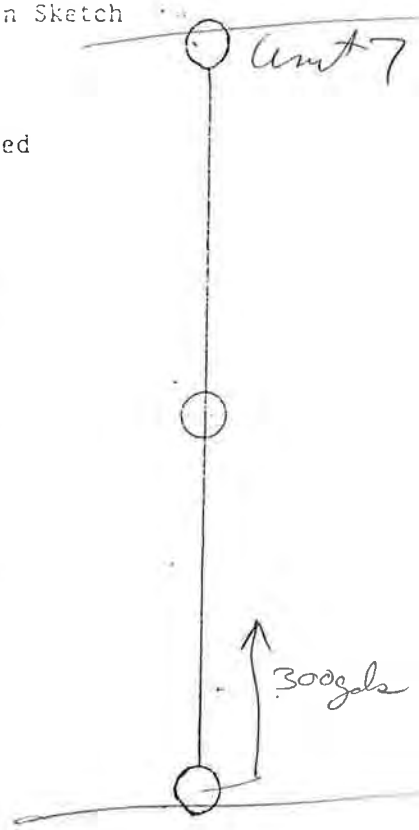
No flag

Location Sketch

Unit # 7
Transect # 71
Nest # 5/6 is located
25ft ~~in~~ [ ] North [ ] South
of flag and
2 ft 0 in [ ] East [x] West
of Transect line

Grazing Cell #____

Paddock #____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer SCM Date 6/17/99 Unit # 7 Transect # 43

FIRST VISIT

Species Gadwall
Nest # 608
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
20 Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 100 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [X] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [X] Hatch
  - 6/6 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [X] Flooded
- [ ] Destroyed
  - [X] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other

N
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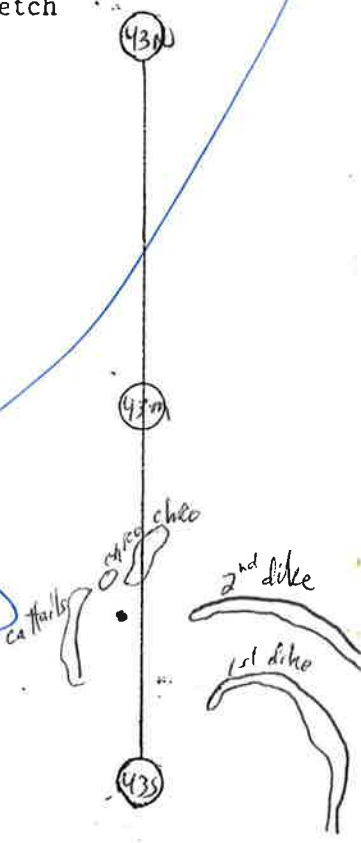
Notes Nest in old ditch w/ sedges

8/10/99 - Nest fate @ Sunday or 8/11/99

Location Sketch

Unit # 7
Transect # 43
Nest # 608 is located
25 ft in [X] North [ ] South
of flag and
6 ft 8 in [ ] East [X] West
of Transect line

Grazing Cell # ____
Paddock # ____



Nest successful

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 7 Transect # 45

FIRST VISIT

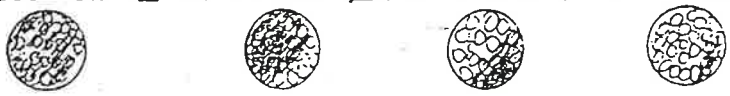
Species Ruddy Duck (Redhead)
Nest # 609
Status (check one)
- ☐ Active
- ☐ Hatched
- ☒ Abandoned
- ☐ Destroyed

3 # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☒ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☒ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☒ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

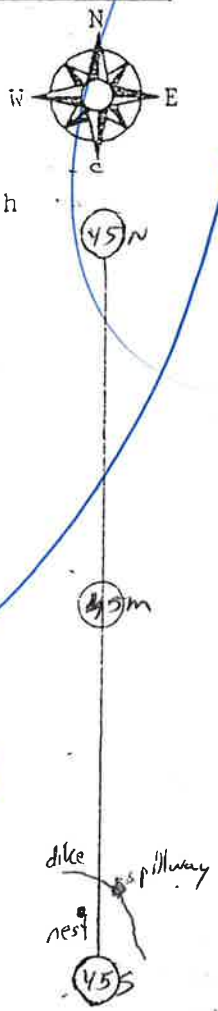
Date 8/10/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☑ Abandoned
- ☑ Flooded
- ☑ Destroyed
  - ☑ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___

Notes Nest may have been flooded out.
3 eggs whole
eggs are cold and wet
8/10/99 Nest in Same condition as 6/17/99

Unit # 7
Transect # 45
Nest # 609 is located
25 ft in ☐ North ☒ South of flag and
4 ft 0 in ☐ East ☒ West of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer SGM Date 6/17/99 Unit # 7 Transect # 49

FIRST VISIT

Species Mallard
Nest # 610
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
17 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 80 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [X] Hatch
  - 11 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [X] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

N
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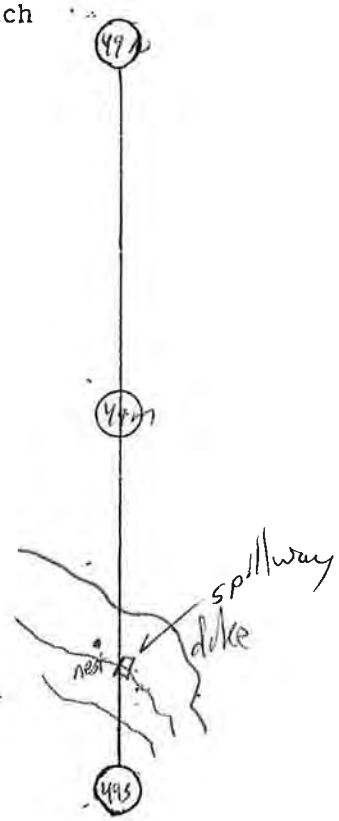
Notes _____

Unit # 7
Transect # 49
Nest # 610 is located
25 ft in [ ] North [X] South
of flag and
6 ft 10 in [ ] East [X] West
of Transect line

Grazing Cell #_____

Paddock #_____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stone Date 5/17/99 Unit # 8 Transect # 75

FIRST VISIT

Species MALL
Nest # 300
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
___ Inc. stage fresh
0 # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%

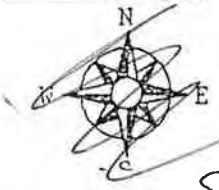


%	COVER TYPE (circle dominant cover)	
	[ ] Sx	Willow
	[ ] Sve	Greasewood
	[ ] Crx	Rabbit brush
	[ ] Dst	Salt grass
	[ ] Gx	Grass species
	[ ] MoF	Sweetclover
	[ ] Wx	Weed species
	[ ] Jba	Baltic rush
60	[x] Cx	Sedge
	[ ] Ex	Spikerush
	[ ] Tla	Cattail
	[ ] Sva	Bullrush
40	[ ] Other	old whitetop

SECOND VISIT-Fate

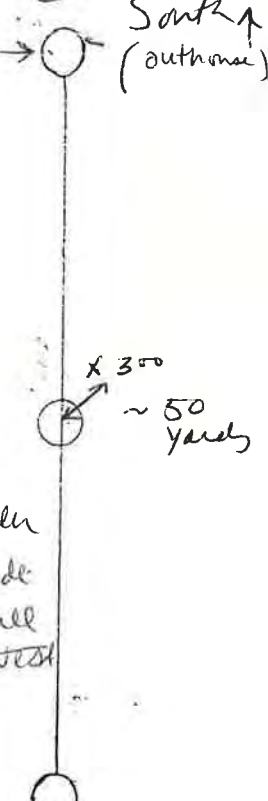
Date 6/14/99

(check one)
- [ ] Hatch
  - 0 # egg hatch
  - 4 # egg remain
- [x] Abandoned ?
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nest is ~50 yards south of center post in unit 8. 3 feet W of line. Nest in high clump of old whitetop & sedge.

Location Sketch



Unit # ___
Transect # ___
Nest # ___ is located
25 ft in
- [ ] North
- [ ] South

of flag and
ft in
- [ ] East
- [ ] West

of Transect line

Grazing Cell # ___

Paddock # ___

6-14-99. Found Nest, it has 3 Mall eggs + 1 white, smaller duck egg. All eggs cold, inside of Nest bowl is damp. A ♀ Mall flushed from near Nest but Nest eggs appear dead/inactive. Did NOT find New Nest where hen flushed but suspect one.

6-14-99 Candled eggs @ ~4 + they are dark stage

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

5/2

Observer Stone Date 6/15/99 Unit # 8 Transect # 81

Best way to get to Nest: drive dike to open pond to H2O area south of C pole. Easy way to visit is from Empire Dike.

FIRST VISIT

Species ~~Coot~~ Coot
Nest # 302
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

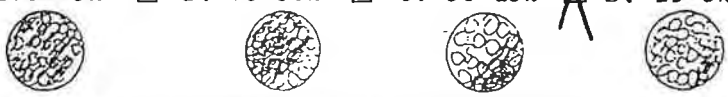
10 # eggs (Didn't candle (Raven overhead))
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Nest IN stand of bulrush

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



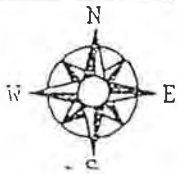
COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[ ]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[x] 100%	Sva	Bullrush
[ ]	Other	___

SECOND VISIT-Fate

Date / /

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nest in small (5 x 3 ft) pocket of bulrush

~~Nest~~ ~~Coming~~ walking N it is tough to see if you are on line due to bulrush But Nest is on Transect

Nest in small clump of bulrush near larger clumps

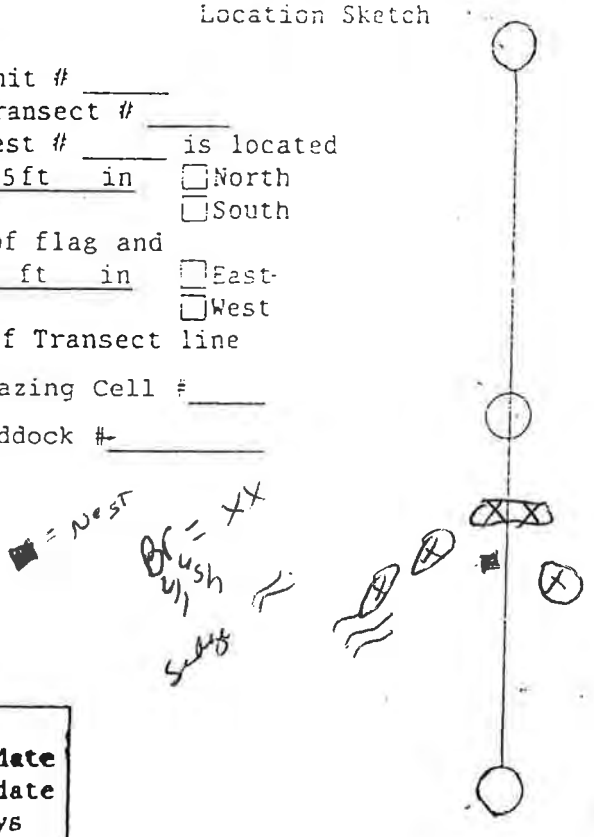
Nest ~ 3-4 ft to W of C line.

20 yds south of Flag is ~~23 ft from~~ Nest.

AT flag look N to small pocket of rush

Location Sketch

Unit # ___
Transect # ___
Nest # ___ is located
25 ft in [ ] North [ ] South of flag and
ft in [ ] East [ ] West of Transect line
Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Surveys

Unit 9

Waterfowl Production Survey

Observer Stone Date 6/16/99 Unit # 9 Transect # 101 N/2

FIRST VISIT

Species Teal
Nest # 304
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

10 # eggs
Ø Inc. stage 19 days
Ø # parasitic eggs

Dist. to standing H_2O Ø ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [X] C. 50-25% [ ] D. 25-0%



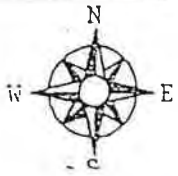
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
100 [X]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [X] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [X] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nest is 2-3 ft W of center line.

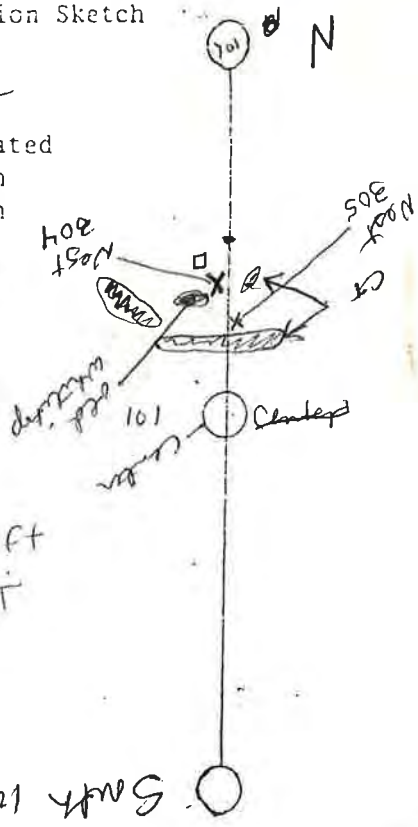
Nest is near old whitetop clump

2 flags in same location - 1 for 304 + 1 for 305

Nest 304 is ~20-25 ft N of Nest 305.

Location Sketch

Unit # 9
Transect # 101 N/2
Nest # 304 is located
25 ft in [X] North [ ] South of flag and
ft in [ ] East [ ] West of Transect line
Grazing Cell # ___
Paddock # ___



Flag is 25 ft N of Nest

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stone Date 16/ June 199 Unit # 9 Transect # 101 N/2

FIRST VISIT

Species Teal
Nest # 305
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
___ Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



COVER TYPE
(circle dominant cover)

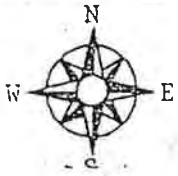
[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[X]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

100

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [X] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

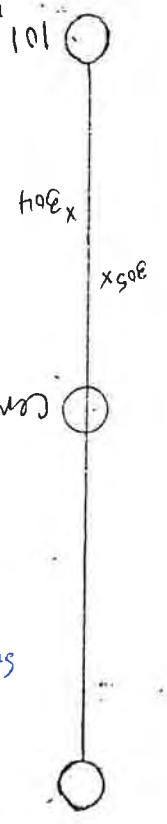


Notes ~~Nest~~ flag is with 304 flag, 2 flags @ 1 place

Flag is ~50 ft N. of 305.

Nest is ~ 1 ft east of center line. 305 is about 20 feet south of 304.

Location Sketch



Unit # 9
Transect # 101 N/2
Nest # 305 is located 25 ft in [ ] North [ ] South of flag and ___ ft ___ in [ ] East [ ] West of Transect line
Grazing Cell #____
Paddock #____

* Nest is 42 ft S of 304 and 78' S of Flag

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stine Date 6/16/99 Unit # 9 Transect # 101 S/2

FIRST VISIT

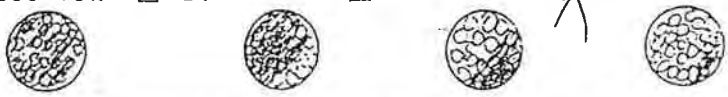
Species Mall
Nest # 306
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
___ Inc. stage Fresh
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [ ] A. 100–75%
- [ ] B. 75–50%
- [ ] C. 50–25%
- [x] D. 25–0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 99 [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 1% [ ] Other Whitetop

SECOND VISIT–Fate

Date 8/12/99

(check one)
- [x] Hatch
  - 3+ # egg hatch
  - ___ # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [ ] Raccoon
  - [x] Coyote
  - [ ] Unknown
  - [ ] Other

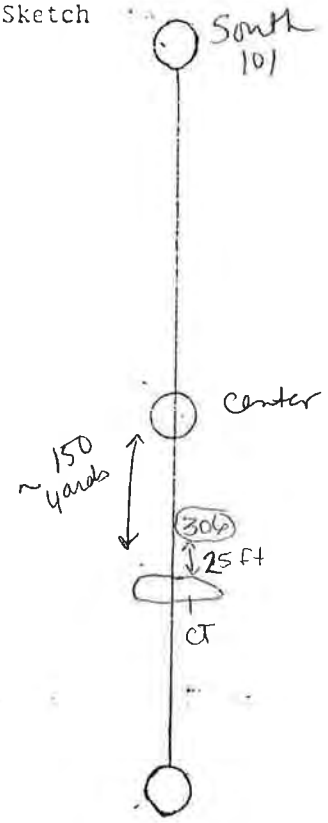
N / W / E / C

Notes As you walk south you come out of Baltic Rush and cattail into a more open area w/ clumps of Baltic Rush + spike rush – the NEST is ~ 25 ft south of the ct.

Nest is 3.5 ft W of center

Unit # 9 101 S/2
Transect # ___
Nest # 306 is located
25ft in [ ] North [x] South of flag and
3 ft 5 in [ ] East [x] West of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Ran my 12 of "25 ft" is my steps. your 25 ft is 9 of mine

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer Stone Date 6/16/99 Unit # 9 Transect # 99 S

FIRST VISIT

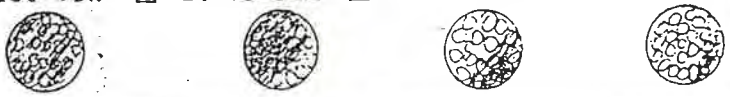
Species Teal
Nest # ~~308~~ 307
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

10 # eggs
21 Inc. stage (21 to 23)
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



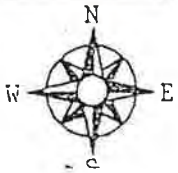
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 100 [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] ~~Sva Bulrush~~
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



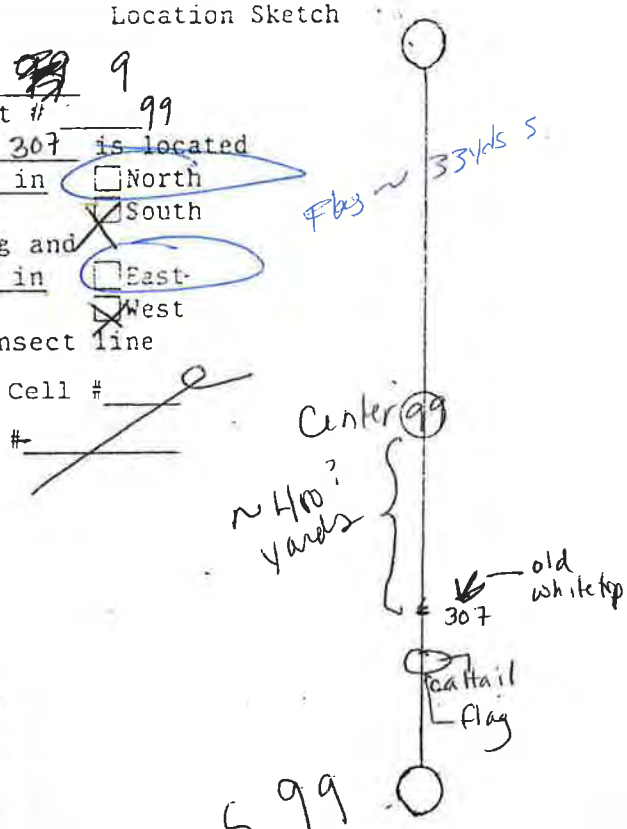
Notes Nest is 6.5 to 7 ft W of center line. It is tucked under prostrate Baltic Rush.

There is a clump of whitetop (old) in front (W) of Nest.

Nest is About 15 ft ~~So~~ North of cattail clump.

Unit # ~~99~~ 9
Transect # ___ 99
Nest # 307 is located
25 ft in [ ] North [x] South
of flag and
6~~4~~ ft 5 in [ ] East [x] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stone Date 6/16/99 Unit # 9 Transect # 99 N/2

FIRST VISIT

Species Mall
Nest # 308
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
4 Inc. stage fresh
0 # parasitic eggs + Redhead egg also

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 3"

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



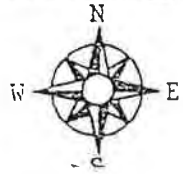
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[x]	Jba	Baltic rush 100
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	

SECOND VISIT-Fate

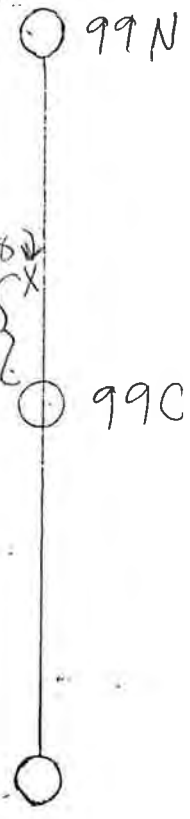
Date 8/12/99

(check one)
- [ ] Hatch
  - # egg hatch
  - # egg remain
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [x] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes Center yourself on center And South markers
Nest is 6 ft West of center line.

Location Sketch



Unit # 9 99 N/2
Transect #
Nest # 308 is located
25 ft 0 in [ ] North [x] South
of flag and
6 ft 0 in [ ] East [x] West
of Transect line
Grazing Cell #
Paddock #

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stone Date 6/16/99 Unit # 9 Transect # T99N/2

FIRST VISIT

Species Mall
Nest # 309
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed

___ # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☒ Flooded 2"

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☒ D. 25-0%

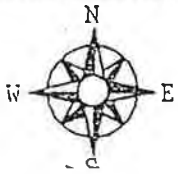


COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 6/16/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☒ Destroyed
  - ☒ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ____



Location Sketch



Notes _____

Unit # ____
Transect # ____
Nest # ____ is located
25 ft in ☐ North ☐ South
of flag and
ft in ☐ East ☐ West
of Transect line
Grazing Cell # ____
Paddock # ____

Nest About 450 yds from N post / Maker. ~1½ ft East of Center line.

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

VP

Waterfowl Production Survey

Observer R. Garcia Date 4/16/99 Unit # 9 Transect # T93 N/2

FIRST VISIT

Species Gadwall
Nest # 238
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

1 # eggs
lay Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

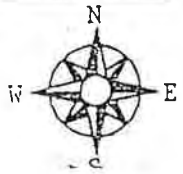
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 30% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 40% [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [x] Abandoned N/1 Egg, 30 — I.R.
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___

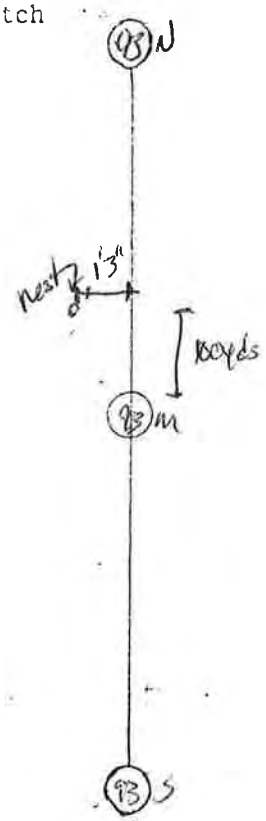
Fate = 10 IP April 14 03 KS.



Notes
~~No hen flush, looks abandoned~~ egg is cold

Unit # 9
Transect # 93 N/2
Nest # 238 is located
25 ft 0 in [ ] North [x] South
of flag and
1 ft 3 in [ ] East [x] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Garcia Date 6/16/99 Unit # 9 Transect # 193%

FIRST VISIT

Species Cinn/Bird
Nest # 239
Status (check one)
- [4] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
15d Inc. stage
3/15 # parasitic eggs (Redhead)

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [4] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [✓] C. 50-25% [ ] D. 25-0%



COVER TYPE (circle dominant cover)

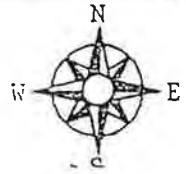
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] 10% Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/99

(check one)

- [4] Hatch
  - 8 # egg hatch
  - 3 # egg remain (Redhead)
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [✓] Unknown
  - [ ] Other _____

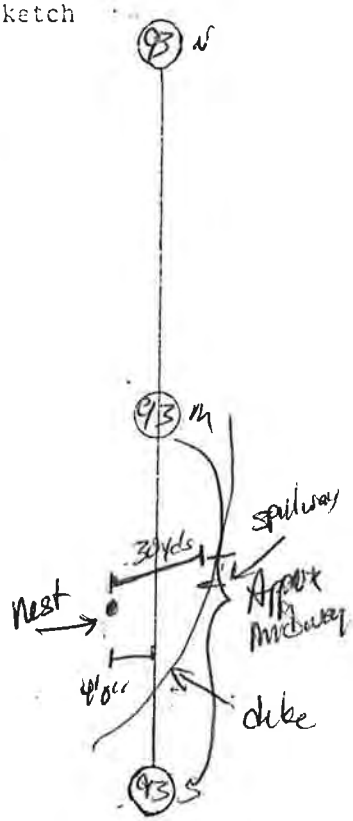


Notes

3- Redhead eggs in bowl
all eggs appear to be ~15 days inc!
* Hen dropped an egg

Location Sketch

Unit # 9
Transect # 93%
Nest # 239 is located
25 ft 0 in [ ] North [✓] South
of flag and
4 ft 0 in [ ] East [4] West
of Transect line
Grazing Cell # _____
Paddock # _____



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Greer Date 6/16/98 Unit # 9 Transect # 93 S/L

FIRST VISIT

Species Pintail
Nest # 240
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
20 Inc. stage
- # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



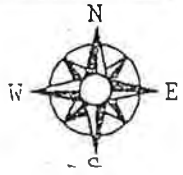
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail 100%
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/11/99

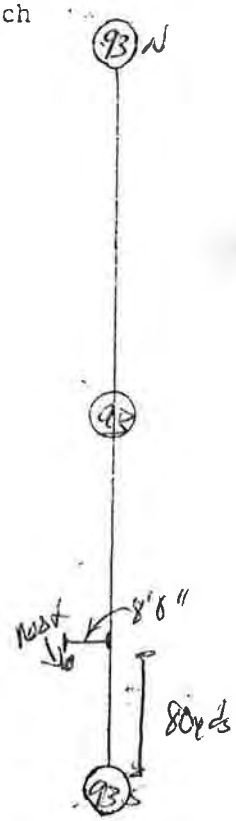
(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
Some @ least 3 eggs chwd
100% moist

Unit # 9
Transect # 93 S/L
Nest # 240 is located
25 ft 0 in [ ] North [x] South
of flag and
8 ft 0 in [ ] East [x] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/16/88 Unit # 9 Transect # 93½

FIRST VISIT

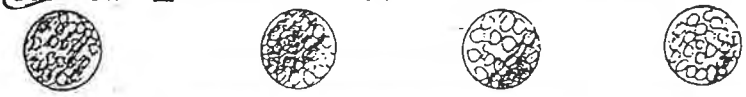
Species Cinn/Bwt
Nest # 241
Status (check one)
- [x] ~~Active~~
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

10 # eggs
15 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] ~~Flooded~~ 2"

Aerial Cover (check one)
[x] A. ~~100~~ 75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



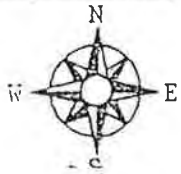
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] ~~Jba~~ Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/11/88

(check one)
- [x] ~~Hatch~~
  - 7 # egg hatch
  - 3 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

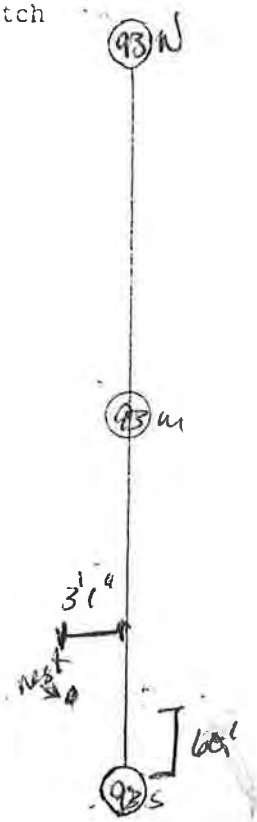


Notes

~~No hens flushed~~, eggs warm
Cud covered

Location Sketch

Unit # 9
Transect # 93½
Nest # 241 is located
25 ft 0 in [ ] North [x] ~~South~~
of flag and
3 ft 1 in [ ] East [x] ~~West~~
of Transect line
Grazing Cell # ____
Paddock # ____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gorecki Date 6/16/99 Unit # 9 Transect # 91½

FIRST VISIT

Species ~~Mallard~~ Pintail
Nest # 242
Status (check one)
- [x] ~~Active~~
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
Approx Inc. stage
3 # parasitic eggs redhead @20d

Found status = 5
April 14, 03

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] ~~Flooded~~ 1"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



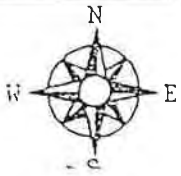
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] ~~Jba~~ Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/16/99

(check one)
- [x] ~~Hatch~~
  - 3 # egg hatch
  - 3 # egg remain
  - ~~+ Redhead~~
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes No hens flushed eggs are covered. Very little dew
~~#3 eggs (Pintail) lost dead~~
~~Nest to be flagged to Revisit~~
Will flag to determine fate on Redhead eggs

Location Sketch

Unit # 9
Transect # 91½
Nest # ~~242~~ is located
25 ft 0 in [ ] North [x] South
of flag and
6 ft 2 in [ ] ~~East~~ [ ] West
of Transect line
Grazing Cell #
Paddock #



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R Garcu Date 6/16/99 Unit # 9 Transect # 9½

FIRST VISIT

Species Mallard
Nest # 213
Status (check one)
- ☐ Active
- ☑ Hatched
- ☐ Abandoned
- ☐ Destroyed

6+ # eggs
/ Inc. stage
/ # parasitic eggs

100%

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded 2"

Aerial Cover (check one)
☐ A. 100-75% ☑ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)

- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☑ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 6/16/99

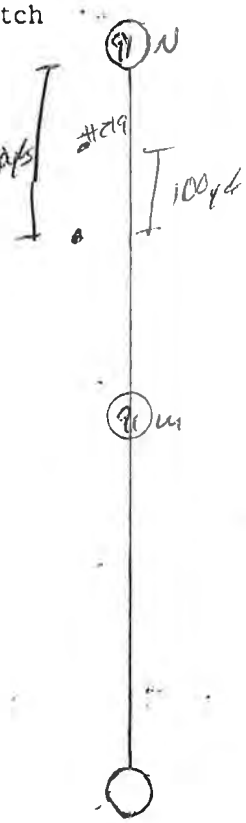
(check one)
- ☑ Hatch
  - 6+ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☑ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other _____

N
W E
S

Notes _____

Unit # 9
Transect # 9½
Nest # 213 is located
25ft in ☐ North ☐ South
of flag and
6 ft 3 in ☑ East ☐ West
of Transect line
Grazing Cell # ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R Cruzen Date 6/17/91 Unit # 7 Transect # 99%

FIRST VISIT

Species Gadwall
Nest # 244
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

2 # eggs
Rad Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [x] C. 50-25%
- [ ] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/91

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown (No eggs or evidence of
  - [ ] Other ___

N
W E
S

Notes
Centerline to North

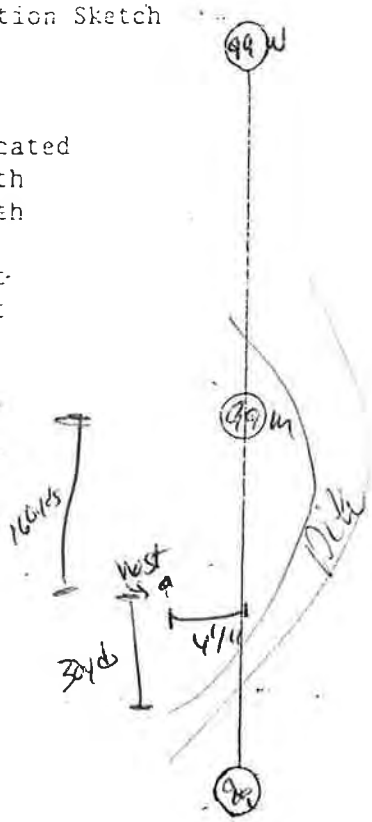
Location Sketch

Unit # 9
Transect # 99%
Nest # 244 is located
25ft 0 in
- [ ] North
- [x] South

of flag and
4ft 1 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___
Paddock # ___



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Garcia Date 6/17/99 Unit # 9 Transect # 995E

FIRST VISIT

Species Mallard
Nest # 245
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

11 # eggs
15d Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



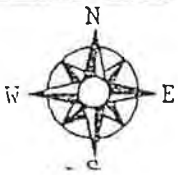
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/99

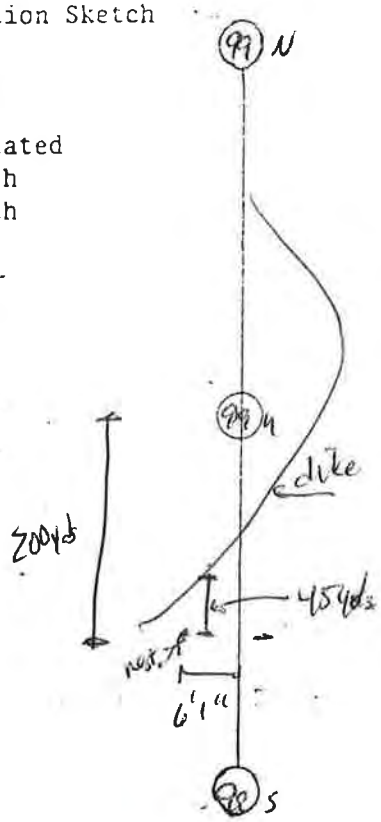
(check one)
- [x] Hatch
  - ALL # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other _____



Notes
Center line to North

Unit # 9
Transect # 995E
Nest # 245 is located
25 ft 6 in [ ] North [x] South
of flag and
6 ft 1 in [ ] East [x] West
of Transect line
Grazing Cell #____
Paddock #____

Location Sketch



Compute Mayfield

___	Species ADU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gracie Date 6/17/99 Unit # 9 Transect # 99 S/2

FIRST VISIT

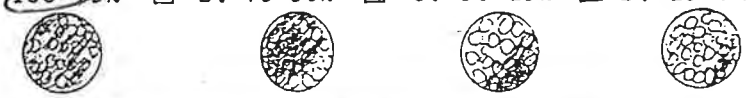
Species Cinn/Bwt
Nest # 246
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
20d Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
[x] A. ~~100-75%~~ [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



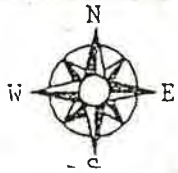
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 100% [x] ~~Jba~~ Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [x] Hatch
  - 14/1 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes
Hen resistant to flush

Nest Killdeer 707?? ~ 30yds

10' South of predated sage egg Killdeer nest on transect that Jba assuming Killdeer dec.

Location Sketch



Unit # 9
Transect # 99 S/2
Nest # 245 is located
25 ft 0 in [ ] North [x] ~~South~~
of flag and
5 ft 0 in [ ] East [x] West
of Transect line
Grazing Cell # ___
Paddock # ___

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Greer Date 6/17/98 Unit # 9 Transect # 95½

FIRST VISIT

Species Gadwall
Nest # 047
Status (check one)
- [x] ~~Active~~
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
9d Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 0 ft

COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
25% [x]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
75% [x]		Other Whitetop

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] ~~Flooded~~ 0.5"

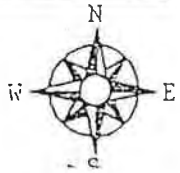
Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



SECOND VISIT-Fate

Date 8/11/99

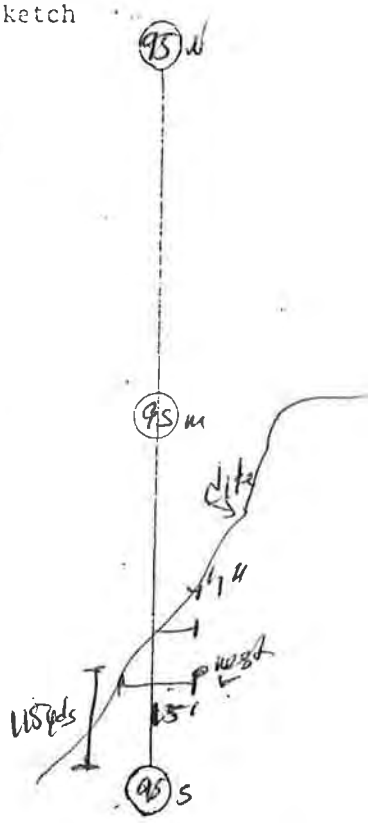
(check one)
- [x] Hatch
  - 8 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes

Unit # 9
Transect # 95½
Nest # 047 is located
25 ft 0 in [ ] North [x] South
of flag and
4 ft 1 in [x] East [ ] West
of Transect line
~~Grazing Cell #~~
Paddock #

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

VP

Waterfowl Production Survey

Observer R. Garcia Date 6/17/99 Unit # 9 Transect # 9½

FIRST VISIT

Species Mallard
Nest # 248
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
15d Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 3"

Aerial Cover (check one)
- [ ] A. 100-75%
- [x] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



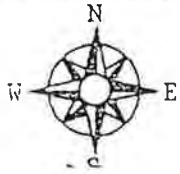
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 90%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail 10%
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/11/99

(check one)
- [x] Hatch
  - 7 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [x] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes

Nest just before hiegar 2nd rectrix evident from S Coincidence to W.

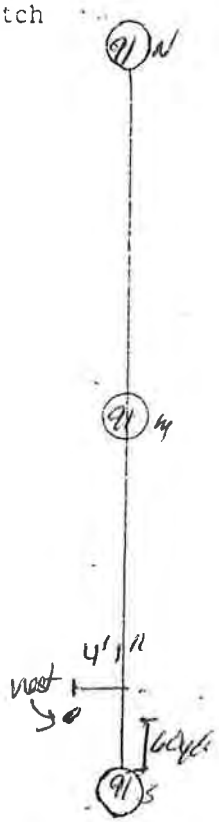
Location Sketch

Unit # 9
Transect # 9½
Nest # 248 is located
25ft 0 in
- [ ] North
- [x] South

of flag and
4ft 7 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gracie Date 6/17/99 Unit # 9 Transect # 91 N/2

FIRST VISIT

Species Mallard
Nest # 249
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
Inc. stage
__ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



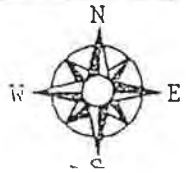
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail 100%
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/17/99

(check one)
- [x] Hatch
  - 6 # egg hatch
  - 1 # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
Nest Not Staged to Revisit

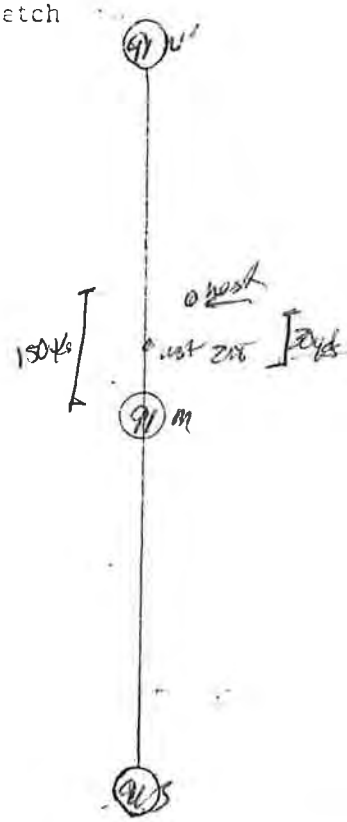
Unit # 9
Transect # 91 N/2
Nest # 249 is located
25 ft 7 in
- [ ] North
- [ ] South

of flag and
6 ft 3 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/17/99 Unit # 9 Transect # 89N/E

FIRST VISIT

Species Cinn Tbwt
Nest # 250
Status (check one)
- [x] ~~Active~~
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
~~6~~ Inc. stage
— # parasitic eggs

Dist. to standing H_2O 6 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] ~~Flooded~~ 1"

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



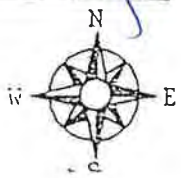
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] ~~Jba~~ Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/99

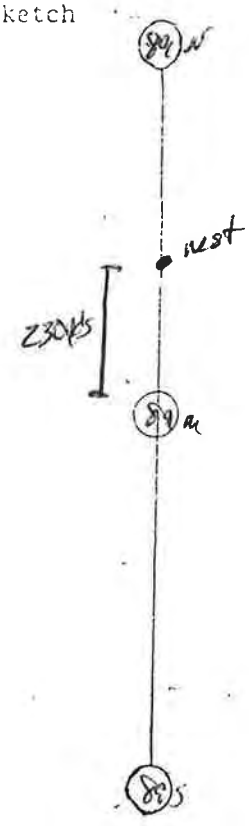
(check one)
- [x] Hatch
  - 6+ # egg hatch
  - 2 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [x] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes

Ribbon on Cattail @ flag

Location Sketch



Unit # 9
Transect # 89N/E
Nest # 250 is located
25ft 1 in
- [ ] North
- [x] ~~South~~

of flag and
0 ft 0 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # _____
Paddock # _____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gacke Date 6/17/99 Unit # 9 Transect # 89½

FIRST VISIT

Species Redwall
Nest # 251
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
layu Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



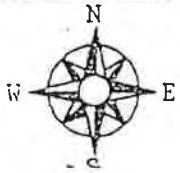
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 70% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- 30% [x] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

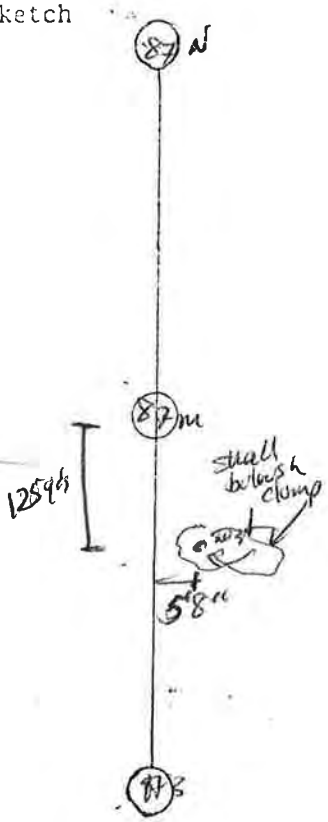
(check one)
- [x] Hatch
  - 5+# egg hatch
  - 2# egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes ___

Unit # 9
Transect # 89½
Nest # 251 is located
25ft 0 in [ ] North [x] South
of flag and
5ft 8 in [x] East [ ] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

FIELD FORM

Waterfowl Production Survey

Observer R. Grosz Date 6/17/99 Unit # 9 Transect # 89 S/2

FIRST VISIT

Species Shoveler
Nest # 252
Status (check one)
- ☑ Active
- ☐ Hatched
- ☐ Abandoned
- ☐ Destroyed

3 # eggs
laying Inc. stage
___ # parasitic eggs

Dist. to standing H_2O ___ ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



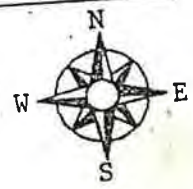
COVER TYPE (circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☑	Gx	Grass species 60%
☐	MoF	Sweetclover
☐	Wx	Weed species
☐	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
☐	Sva	Bullrush
☑	Other	Canada Thistle 40%

SECOND VISIT-Fate

Date 8/16/99 Not Relocated

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___

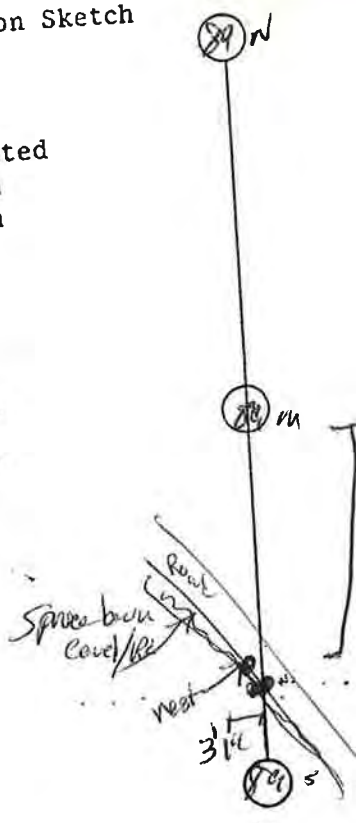


Notes
Nest on E. Bank of Spree (Levee Canal) ~ 3' W. of Creek bed (West on W. Side of Road)

X Nest 8 by 25' N. on the edge of Rd.

Unit # 9
Transect # 89 S/2
Nest # 252 is located
25 ft 0 in ☐ North ☑ South
of flag and
3 ft 1 in ☐ East ☐ West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R. Acree Date 6/17/98 Unit # 9 Transect # 87½

FIRST VISIT

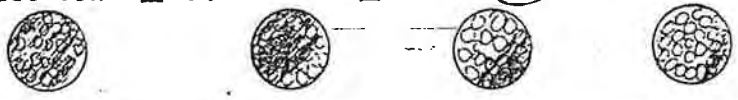
Species Mallard
Nest # 253
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
3d Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 90% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 10% [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/17/98

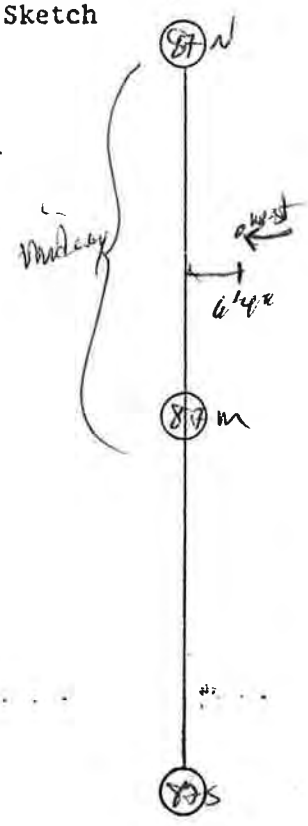
(check one)
- [x] Hatch
  - All # egg hatch
  - — # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other _____

N
W E
S

Notes
* Nest is built on top of nest 215 which was successful 8 eggs / 2 left

Unit # 9
Transect # 87½
Nest # 253 is located
25 ft 0 in [ ] North [x] South of flag and
6 ft 4 in [x] East [ ] West of Transect line
Grazing Cell # ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

9

...urvey

Observer R. Garcia ...199 Unit # 9 Transect # 107 1/2

Species Mallard
Nest # 200
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
18 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 2 ft

COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[ ]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
100% [x]		Other whitetop

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

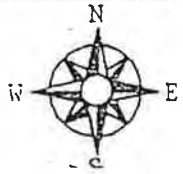
Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



SECOND VISIT-Fate

Date 6/15/99

(check one)
- [x] Hatch
  - All # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes

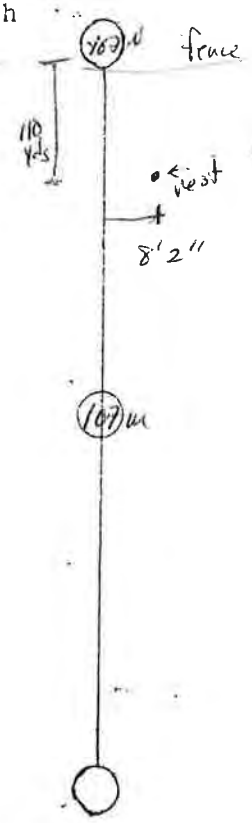
Unit # 9
Transect # 107 1/2
Nest # 800 is located
25 ft in
- [ ] North
- [x] South

of flag and
8 ft 2 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/17/99 Unit # 9 Transect # 107 5/2

FIRST VISIT

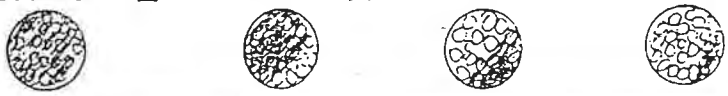
Species ~~Mallard~~ Redhead
Nest # 201
Status (check one)
- [x] ~~Active~~
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

11 # eggs
~~fresh~~ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] ~~Flooded~~ 3"

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

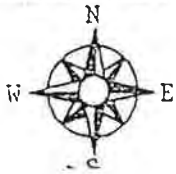
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 100% [x] ~~Jba~~ Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

(check one)

- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] ~~Destroyed~~
  - [ ] Raven/magpie
  - [x] ~~Skunk~~
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nearly stepped on hen before she flushed

Nest exactly on center line

6/15/99 14 eggs all warm but for look ~~Mallard~~ dead redhead in July Nest was covered as hen flush.
- 4 eggs look Mallard the rest look Redhead

Location Sketch

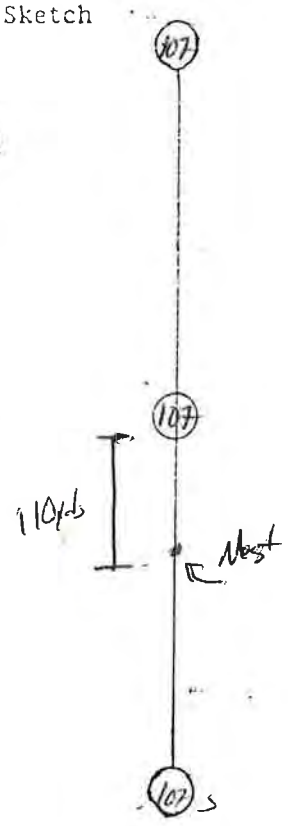
Unit # 9
Transect # 107 5/2
Nest # 201 is located
25 ft 0 in
- [ ] North
- [x] ~~South~~

of flag and
0 ft 0 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___

Paddock # ___



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Crow Date 5/17/99 Unit # 9 Transect # T105 1/2

FIRST VISIT

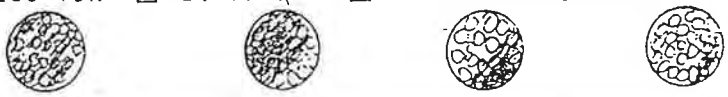
Species Mallard
Nest # 202
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ ~~Destroyed~~

5 # eggs
2 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 2 ft

Soil Surface (check one)
- ☐ Dry
- ☑ ~~Moist~~
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ ~~D. 25-0%~~



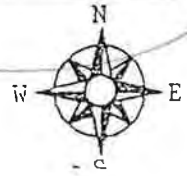
COVER TYPE
(circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
85% ☑	~~Jba~~	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
☐	Sva	Bullrush
15% ☑	~~Other~~	white top

SECOND VISIT-Fate

Date 5/17/99

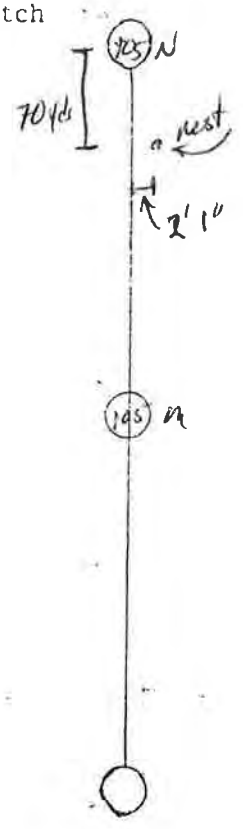
(check one)
- ☑ ~~Hatch~~
  - — # egg hatch
  - — # egg remain
- ☐ Abandoned
- ☐ ~~Flooded~~
- ☑ ~~Destroyed~~
  - ☑ ~~Raven/magpie~~
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other —



Notes Nest is on small lateral dike, exposed.

Location Sketch

Unit # 9
Transect # T105 1/2
Nest # 202 is located
~~25 ft~~ ~~in~~ ☐ ~~North~~ ☑ South
of flag and
2 ft 1 in ☑ East ☐ West
of Transect line
Grazing Cell # —
Paddock # —



Compute Mayfield

—	Species AOU	—	Initiation date
—	# eggs hatched	—	Est. hatch date
—	# eggs remain	—	Exposure days
—	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/17/99 Unit # 9 Transect # T103 N/2

FIRST VISIT

Species Mallard
Nest # 203
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

11 # eggs (incl. 1 dwarf egg)
18 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



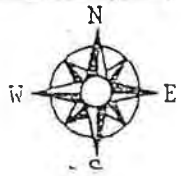
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 85% [x] ~~Jba~~ Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 15% [x] Other LECA

SECOND VISIT-Fate

Date 6/15/99

(check one)
- [x] Hatch
  - 10 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes ~~At~~ Center Line Continued to South

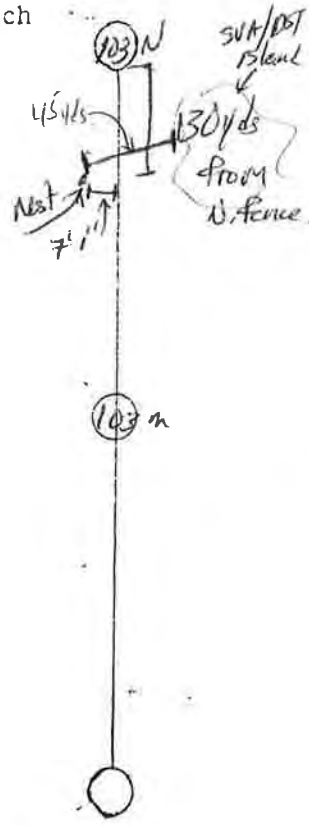
Unit # 9
Transect # T103 N/2
Nest # 203 is located
25 ft in
- [ ] North
- [x] South

of flag and
7 ft 1 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/17/99 Unit # 9 Transect # T101 S/2

FIRST VISIT

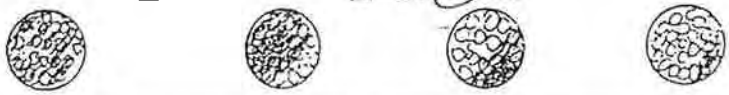
Species Mallard
Nest # 204
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
14 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1"

Aerial Cover (check one)
[ ] A. 100–75% [ ] B. 75–50% [x] C. 50–25% [ ] D. 25–0%



COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
90% [x]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
10% [x]	Other	Lola

SECOND VISIT–Fate

Date 6/16/99

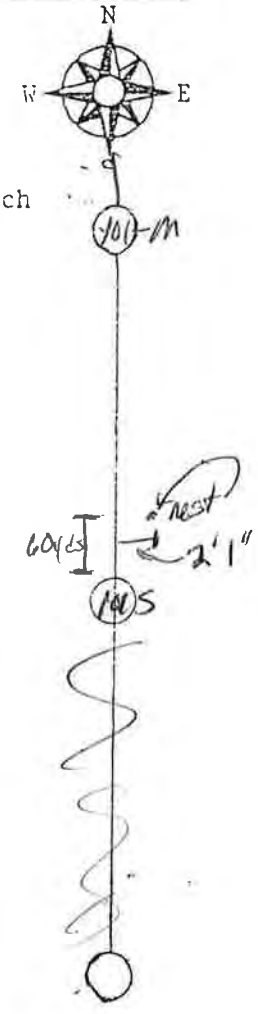
(check one)
- [x] Hatch
  - 7 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

Notes Nest is ~2-3 ft W of Center line

~~Nest is ~ 1 foot east of C line~~

Unit # ~~9~~ 9
Transect # 101 S/2
Nest # 204 is located
25ft 0 in [ ] North [x] South
of flag and
3ft 1 in [x] East [ ] West
of Transect line
Grazing Cell # ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/7/99 Unit # 9 Transect # 99 S/2

FIRST VISIT

Species Mallard
Nest # 205
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
laying Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 3"

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



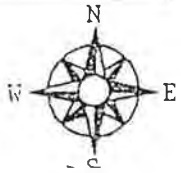
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 6/16/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - 6 # egg remain
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Notes Est Cover Height 12" Vert

Fate Visit (Storm) → 6 intact eggs floating/submerged in H_2O adjacent to Nest Bowl.

Nest Bowl is dry. Nest somewhat disturbed. Bowl edges are pulled away.

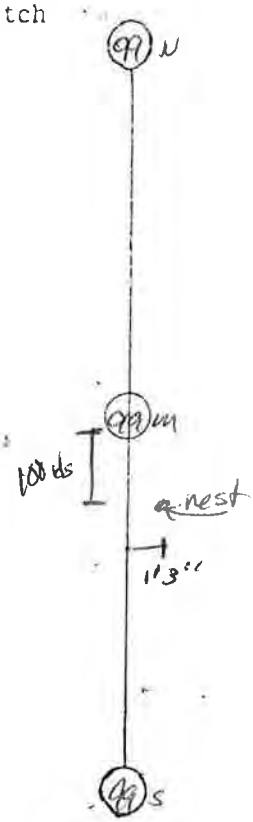
Unit # 9
Transect # 99 S/2
Nest # 205 is located
25 ft 0 in
- [ ] North
- [x] South

of flag and
1 ft 3 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gorena Date 5/17/99 Unit # 9 Transect # T99S/2

FIRST VISIT

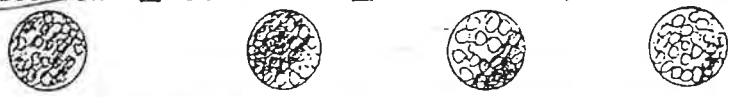
Species Mallard
Nest # 206
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

2 # eggs
Kaylens Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



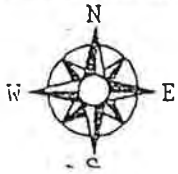
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 6/16/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [x] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes Nest in Hinal Tobe Cover. Ht. Veg ≈ 12"+

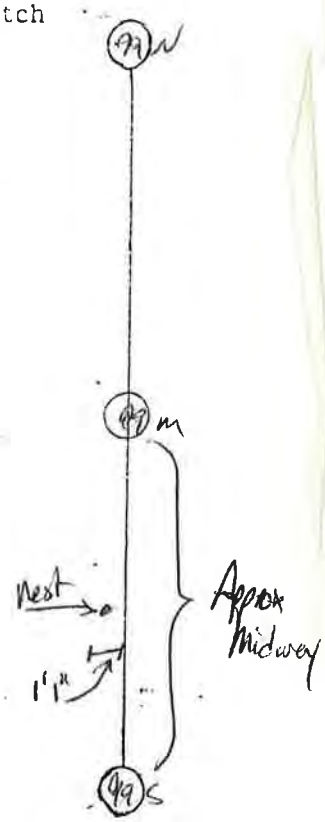
NB = ~ 12'-15'

Fate Visit → 6 intact eggs floating in water adjacent to nest bowl.

At fate visit cover was 0-25% do Ravens / predators make Nest more visible? Or change in JBA over time?

Unit # 9
Transect # T99S/2
Nest # 206 is located
25 ft / in [ ] North [x] South of flag and
1 ft 1 in [ ] East [x] West of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R Garcia Date 5/17/89 Unit # 9 Transect # 101N/2

FIRST VISIT

Species C Snipe
Nest # ~~205~~ NG-200
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
4 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 60 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



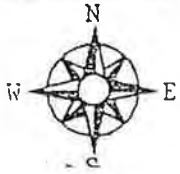
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date / /

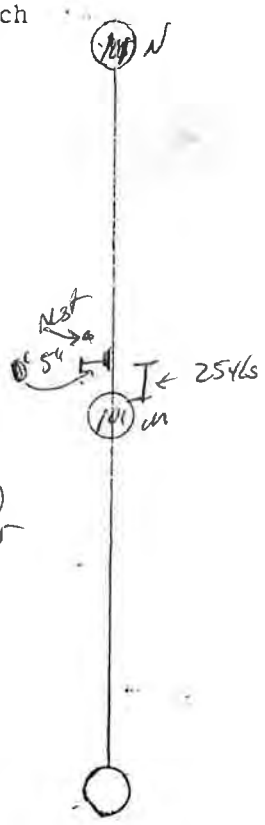
(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes
Nest in wet bot not flood
Jba
Veg height at Over nest @ 8" Robel est @ 5-6"
- Patchy Typha spp & Jba mud flat floor (divided area)
- New growth is sparse to mesic

Unit # 9
Transect # 101N/2
Nest # NG200 is located
25 ft ~~in~~ [ ] North [x] South
of flag and
0 ft 5 in [ ] East [x] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



* Nest not flagged for revisit

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer GARCIA Date 5 18 99 Unit # 9 Transect # 95

FIRST VISIT

Species MALL
Nest # 207
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs still laying
Laying Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded 3 inches

Aerial Cover (check one)
- [ ] A. 100–75%
- [ ] B. 75–50%
- [X] C. 50–25%
- [ ] D. 25–0%



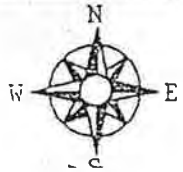
COVER TYPE (circle dominant cover) %

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [X] Jba Baltic rush 100
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT–Fate

Date 6 07 99

(check one)
- [X] Hatch
  - # egg hatch
  - # egg remain
- [ ] Abandoned
- [X] Flooded
- [X] Destroyed
  - [X] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes RAVEN Nearby (Air)

Nest 6" to W of c. line

Unit # 9
Transect # 95
Nest # _____ is located
25 ft in
- [ ] North
- [ ] South

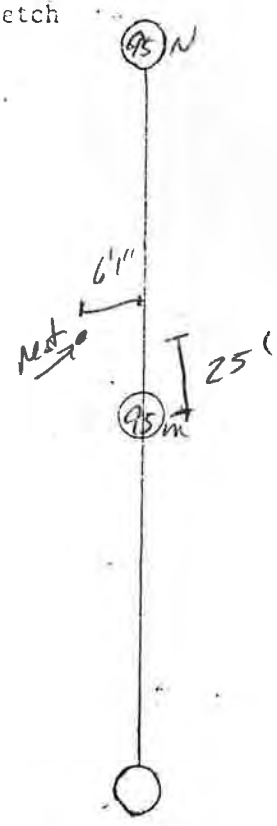
of flag and
ft in
- [ ] East
- [ ] West

of Transect line

Grazing Cell # _____

Paddock # _____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R Garcia Date 5/18/99 Unit # 9 Transect # T93 1/2

FIRST VISIT

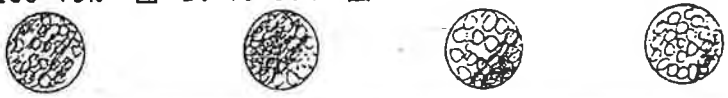
Species Mel
Nest # 208
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ Destroyed

3 # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded 4"

Aerial Cover (check one)
☑ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



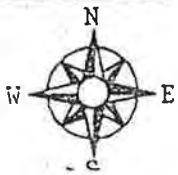
COVER TYPE (circle dominant cover)

- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- 100% ☑ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date 5/18/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☒ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___

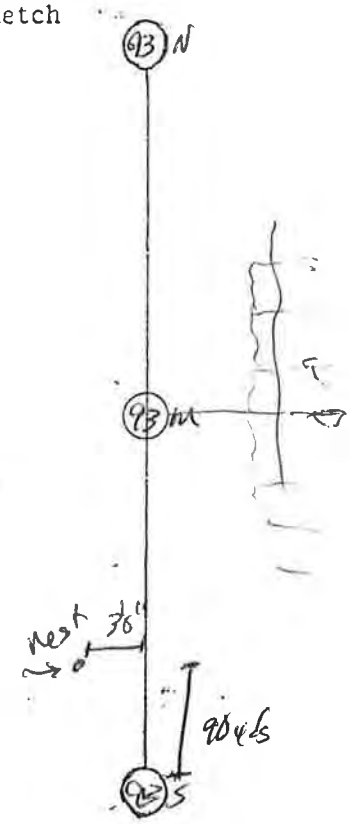


Notes

Nest not flagged for re-visit.
- Ribbon in bowl

Location Sketch

Unit # 9
Transect # T93 1/2
Nest # 208 is located
25 ft in ☐ North ☐ South
of flag and
3 ft 0 in ☐ East ☑ West
of Transect line
Grazing Cell # ___
Paddock # ___



Compute Mayfield

___ Species AOU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days
___ age when found	

FIELD FORM

Waterfowl Production Survey

Observer Garcia Date 5/18/99 Unit # 9 Transect # 935/2

FIRST VISIT

Species Mall
Nest # 209
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
4 Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 2 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [X] C. 50-25% [ ] D. 25-0%



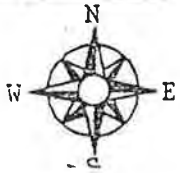
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 90 [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 10 [X] Other misc

SECOND VISIT-Fate

Date 6/16/99

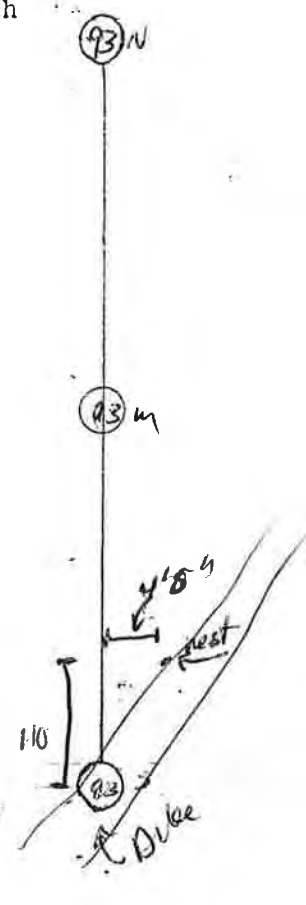
(check one)
- [X] Hatch
  - 6 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [X] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes
West on W. side of 1st small cross dike from S. end.

Unit # 9
Transect # 793 S/2
Nest # 209 is located
25 ft X in [ ] North [X] South of flag and
4 ft 6 in [X] East [ ] West of Transect line
Grazing Cell #
Paddock #

Location Sketch



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Green Date 5/19/99 Unit # 9 Transect # T85S/2

FIRST VISIT

Species Mallard
Nest # 213
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
laying Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 200ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE

(circle dominant cover)

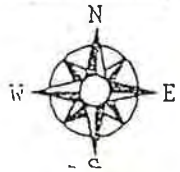
100%

- [ ] Sx Willow
- [x] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

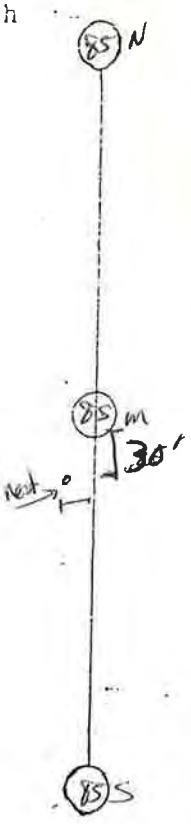
Date 6/15/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [x] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
Nest 30' South of mid marker under Greasewood to the West @ S. end of Greasewood

Location Sketch



Unit # 9
Transect # T85S/2
Nest # 213 is located
25ft 0 in
- [ ] North
- [x] South

of flag and
7 ft 1 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ____
Paddock # ____

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Cavella Date 5/19/99 Unit # 9 Transect # 78S½

FIRST VISIT

Species Pintail
Nest # 214
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 200 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [x] Sve Greasewood 70%
- [ ] Crx Rabbit brush
- [x] Dst Salt grass 30%
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 6/15/99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



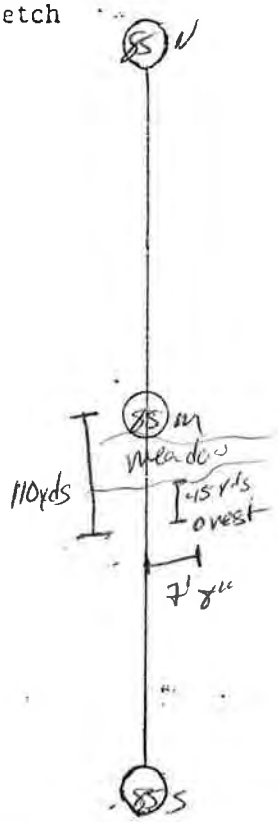
Notes ___

Unit # 9
Transect # 78S½
Nest # 214 is located
25 ft 0 in
- [ ] North
- [x] South

of flag and
7 ft 8 in
- [x] East
- [ ] West

of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R. Garcia Date 6/19/98 Unit # 9 Transect # 187½

FIRST VISIT

Species Shoveler
Nest # 215
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
Fresh Inc. stage
2 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 4"

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



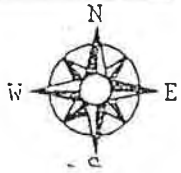
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 85% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 15% [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/17/98

(check one)
- [x] Hatch
  - 8 # egg hatch
  - 2 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes _____

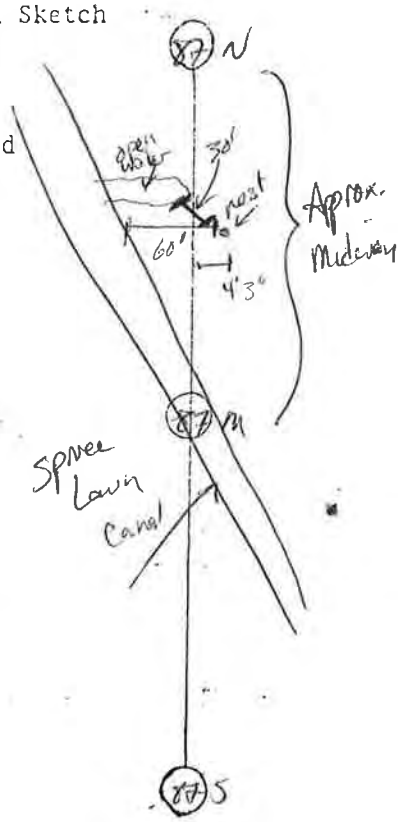
Unit # 9
Transect # 187½
Nest # 215 is located
25ft 6 in
- [ ] North
- [x] South

of flag and
4ft 3 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # _____
Paddock # _____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R. Gorrie Date 5/19/99 Unit # 9 Transect # T89 N/2

FIRST VISIT

Species Shoveler
Nest # 216
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
Late Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 3"

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



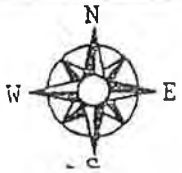
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 100% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

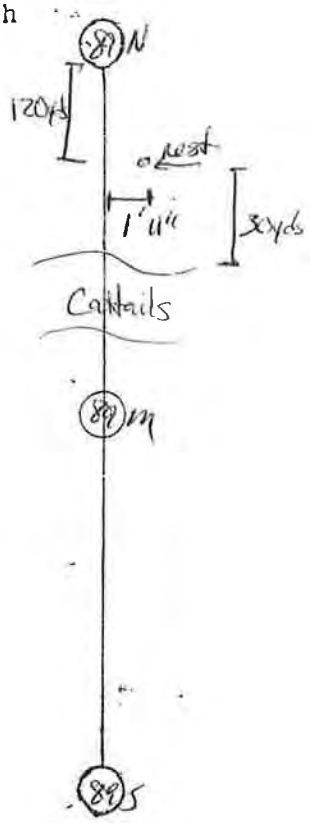
SECOND VISIT-Fate

Date 6/17/99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Location Sketch



Notes ___

Unit # 9
Transect # T89 N/2
Nest # 216 is located
25 ft 0 in [ ] North [x] South
of flag and
1 ft 11 in [x] East [ ] West
of Transect line

Grazing Cell # ___
Paddock # ___

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer R Garcia Date 5/19/99 Unit # 9 Transect # T91N/2

FIRST VISIT

Species Mallard
Nest # 217
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☐ Destroyed

4 # eggs
9 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O ___ ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%

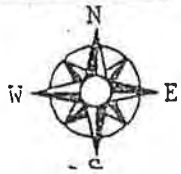


COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ ~~Tla~~ Cattail 100%
- ☐ Sva Bullrush
- ☐ Other ___

SECOND VISIT-Fate

Date 6/16/99

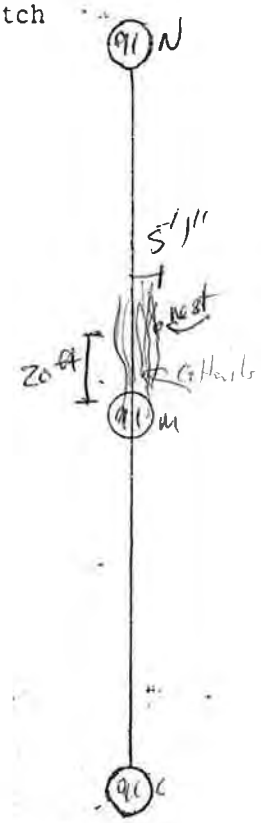
(check one)
- ☑ Hatch
  - All # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



Notes
Nest on E. edge of Cattails
about 20ft from mid N marker

Location Sketch

Unit # 9
Transect # T91N/2
Nest # 217 is located
25ft 0 in ☐ North ☑ South
of flag and
5ft 1 in ☑ East ☐ West
of Transect line
Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/19/99 Unit # 9 Transect # 19 N/k

FIRST VISIT

Species Mallard
Nest # 218
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
laying Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 10% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 90% [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

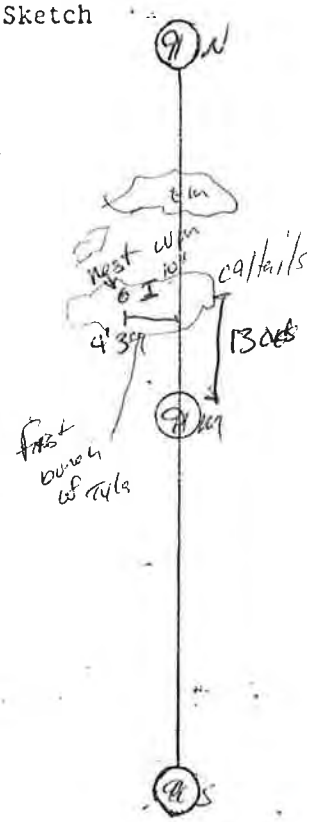
(check one)
- [x] Hatch
  - 8 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Notes 6/16/99 - 8 eggs ~22 days
- hen held tight -
6/17/99 - Pippins

Location Sketch

Unit # 9
Transect # 9 N/k
Nest # 218 is located
25 ft 0 in [ ] North [x] South of flag and
4 ft 3 in [ ] East [x] West of Transect line
Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Ron Garcia Date 5/19/98 Unit # 9 Transect # 79 N/S

FIRST VISIT

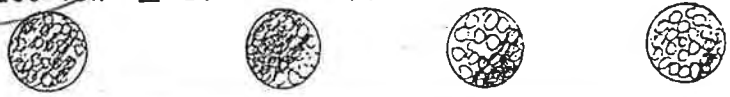
Species Mallard
Nest # 219
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

1 # eggs
Laying Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

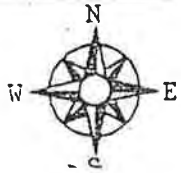
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 75% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 25% [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ____

SECOND VISIT-Fate

Date 8/12/99

(check one)

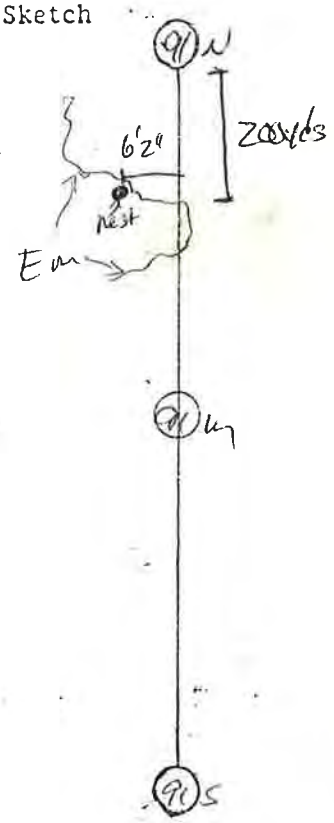
- [x] Hatch
  - 6 # egg hatch
  - 3 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [x] Other ____



Notes
Nest in 3rd cattails on transect
from N. end
6/16/99 9 eggs ~20days
nest
flag left

Location Sketch

Unit # 9
Transect # 79 N/S
Nest # 219 is located
25ft 0in [ ] North [x] South
of flag and
6ft 2in [ ] East [x] West
of Transect line
Grazing Cell # ____
Paddock # ____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

VP

Waterfowl Production Survey

Observer R. Gorein Date 6/15/99 Unit # 9 Transect # 83½

FIRST VISIT

Species Mallard
Nest # 226
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

9 # eggs
17 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 100ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



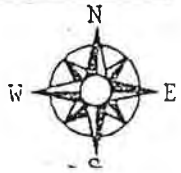
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [x] Sve Greasewood 80%
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [x] Other Annual weeds 20%

SECOND VISIT-Fate

Date 8/11/99 IT=7

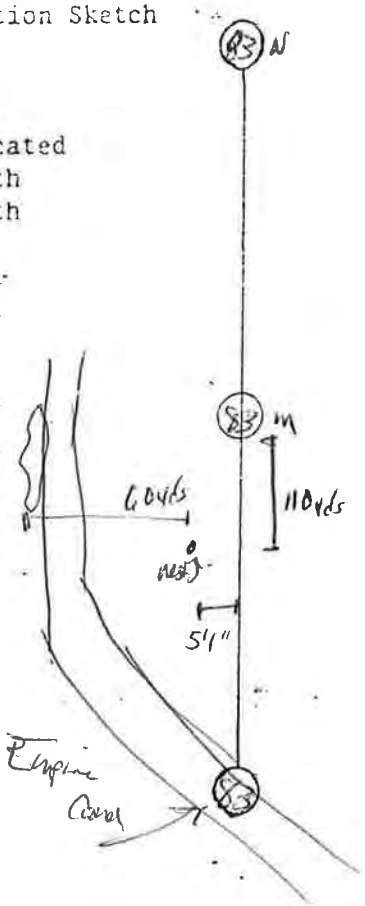
(check one)
- [x] Hatch
  - 9 # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes

Unit # 9
Transect # 83½
Nest # 226 is located
25ft 0 in [ ] North [x] South
of flag and
5ft 1 in [ ] East [x] West
of Transect line
Grazing Cell # ~~___~~
Paddock # ~~___~~

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/15/99 Unit # 09 Transect # T107S/2

FIRST VISIT

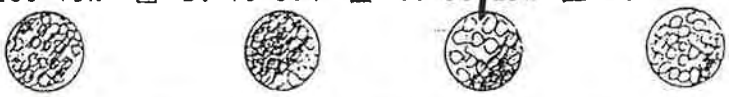
Species Mallard
Nest # 227
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
16 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [x] Dry
- [ ] Moist
- [x] Flooded 4/11

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



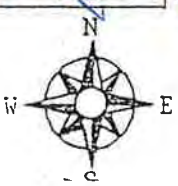
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes
Nest hatched Fabst to Flood

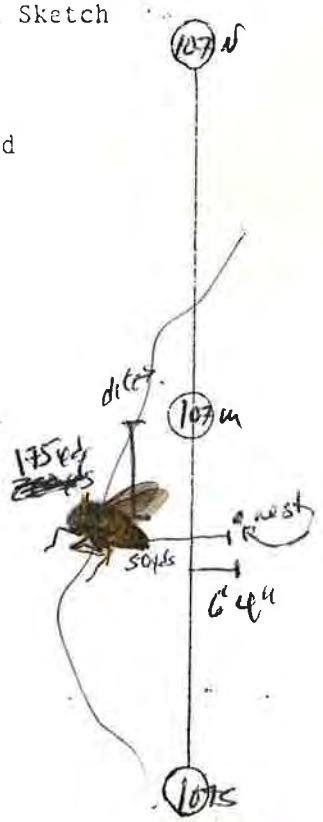
Unit # 9
Transect # T107S/2
Nest # 227 is located
25ft 0 in
- [ ] North
- [x] South

of flag and
6 ft 4 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/15/99 Unit # 9 Transect # 1075½

FIRST VISIT

Species Pintail
Nest # 228
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
lay Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 4"

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [x] C. 50-25%
- [ ] D. 25-0%



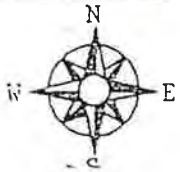
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] Jba Baltic rush 100%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/17/99

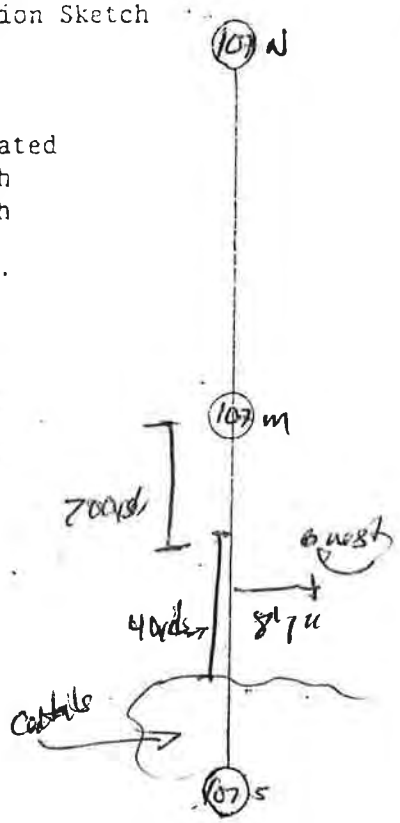
(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [x] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown 2 Remain where
  - [ ] Other ___



Notes
✓ No nest bowl here
layers on laying over Jba

Location Sketch

Unit # 9
Transect # 1075½
Nest # 228 is located
25ft 6in [ ] North [x] South
of flag and
8ft 1in [x] East [ ] West
of Transect line
Grazing Cell # ___
Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

NP

Waterfowl Production Survey

Hu Elk
9 BA Bills

Observer R Bocci Date 6/15/89 Unit # 9 Transect # 103 N/2

FIRST VISIT

Species Pubil
Nest # 229
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
layng Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 12"

Aerial Cover (check one)
[ ] A. 100-75% [x] B. (75)-50% [ ] C. 50-25% [ ] D. 25-0%



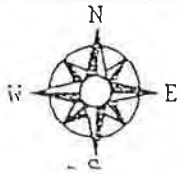
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
100% [x]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

SECOND VISIT-Fate

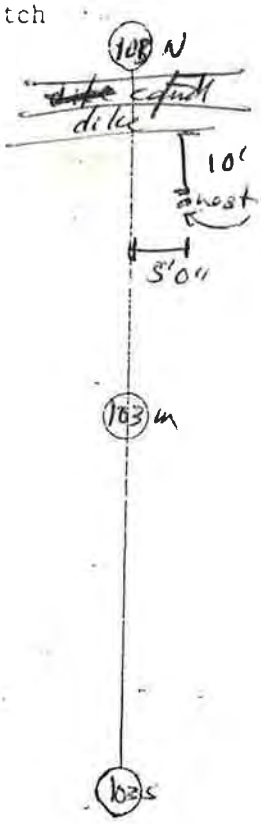
Date 8/10/89

(check one)
- [x] Hatch
  - 3 # egg hatch
  - 2 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
Hen was not on nest but was nearby

Location Sketch



Unit # 9
Transect # 103 N/2
Nest # 229 is located
25 ft 0 in
- [ ] North
- [x] South

of flag and
5 ft 0 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ____
Paddock # ____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R Garcia / Stone Date 6/15/99 Unit # 9 Transect # T103 N/2

FIRST VISIT

Species Mallard
Nest # 230
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
Inc. stage
___ # parasitic eggs

Dist. to standing H_2O ___ ft

COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 60 [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 40% [x] Other Lola

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 2"

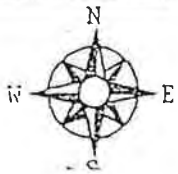
Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



SECOND VISIT-Fate

Date 8/12/99

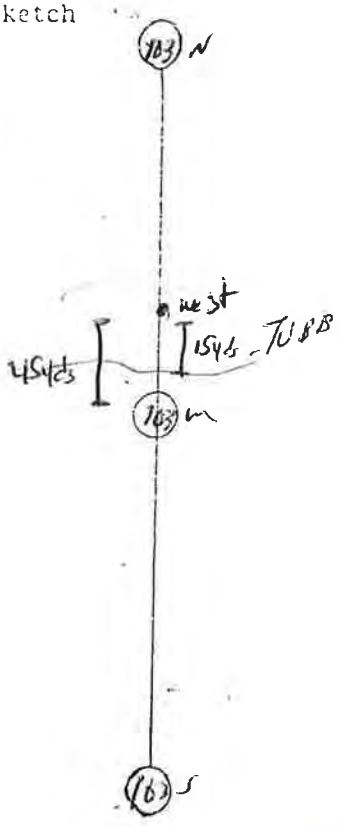
(check one)
- [x] Hatch
  - 6 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes

Unit # 9
Transect # T103 N/2
Nest # 230 is located
25 ft 0 in [ ] North [x] South
of flag and
0 ft 0 in [ ] East [x] West Corner
of Transect line
Grazing Cell #: ___
Paddock #: ___

Location Sketch



Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Surveys

Units 10-15

Waterfowl Production Survey

Observer L. Rawinski Date 5/17/99 Unit # 10 Transect # 1/3

FIRST VISIT

Species PINTAIL
Nest # 1
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
4 Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 80 ft

Soil Surface (check one)
- [X] Dry
- [ ] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [X] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%

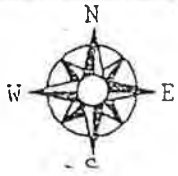


COVER TYPE (circle dominant cover)
- [ ] Sx Willow
- [X] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/15/99

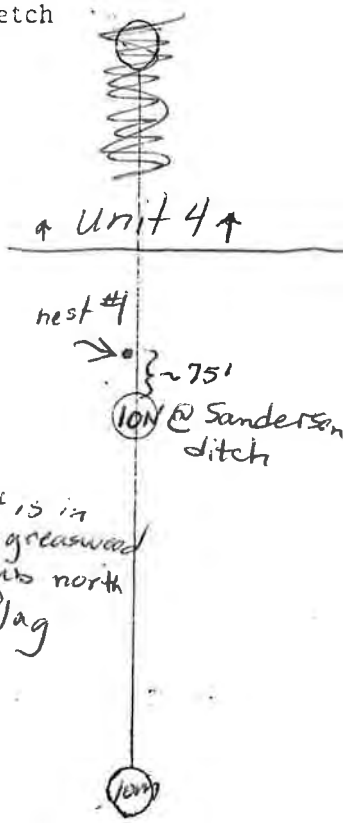
(check one)
- [X] Hatch
  - 3 # egg hatch
  - 2 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes _____

Unit # 10
Transect # 1/3
Nest # 1 is located
25 ft in [X] North [ ] South of flag and
0 ft 7 in [X] East [ ] West of Transect line
Grazing Cell # _____
Paddock # _____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. RAWINSKI Date 5/18/99 Unit # 10 Transect # 119

FIRST VISIT

Species MALLARD
Nest # ~~2~~ 2
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

2 # eggs
Fresh Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 1/2 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



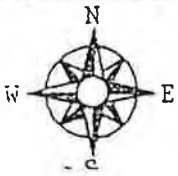
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 50% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 50% [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/16/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [x] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

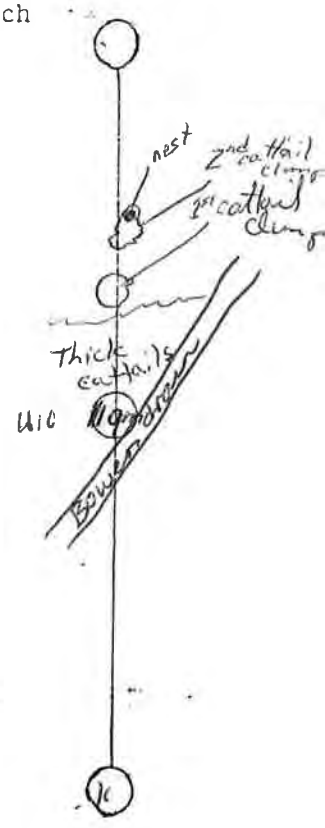


Notes Nest is in 2nd mixed cattail/baltic rush clump north of thick cattails. Nest is in NE part of this clump.

There is some type of platform nest in 1st clump. Don't mistake this for the mallard nest. Looks more like bittern nest.

Unit # 10
Transect # 119
Nest # 2 is located 25ft in ~~[illegible]~~ [x] South of flag and 8 ft 3 in [x] East [ ] West of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 6/15/99 Unit # 10 Transect # 115

FIRST VISIT

Species Gadwall
Nest # 16
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
4 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 2½ ft

COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 60% [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 40% [X] Other Whitetop

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

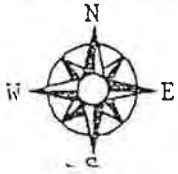
Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [X] C. 50-25% [ ] D. 25-0%



SECOND VISIT-Fate

Date 8/12/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [X] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



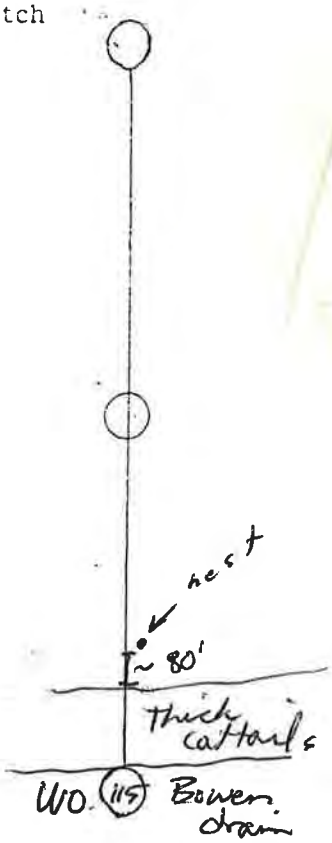
Notes Line posts up to north.

Nest is well hidden + hard to describe its location.

Its where whitetop, baltic rush + salt grass are all present. Approx 80-100' north of last cattails on transect.

Unit # 10
Transect # 115
Nest # 16 is located
25 ft in [X] North [ ] South
of flag and
5 ft 0 in [X] East [ ] West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

VP

Waterfowl Production Survey

Observer L. Rawinski Date 6/15/99 Unit # 10 Transect # 115

FIRST VISIT

Species Ruddy (Redhead?)
Nest # 15
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
8 Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [X] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [X] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] ve Greasewood
- [ ] k Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 70% [X] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 30% [X] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/12/99

(check one)
- [ ] Hatch
  - # egg hatch
  - # egg remain
- [X] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other

N W E C

Notes Nest is on the north edge of thick cattails. It is built in and of baltic rush just on the edge of the cattails.

Flag is too short so I have flagged cattails w/ red ribbon as well.

One more small "finger" of cattails just north of nest.

Location Sketch

Unit # 10
Transect # 115
Nest # 15 is located
25 ft in
- [ ] North
- [X] South

of flag and
0 ft in
- [ ] West

of Transect line

Grazing Cell # —
Paddock # —



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R Garcia Date 5/20/94 Unit # 11 Transect # T125 N/2

FIRST VISIT

Species Mallard
Nest # 220
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
lay/in Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 200 30 ft

Soil Surface (check one)
- [x] Dry
- [ ] Moist
- [ ] Flooded

Aerial Cover (check one)
[x] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE (circle dominant cover)

100%
- [ ] Sx Willow
- [x] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

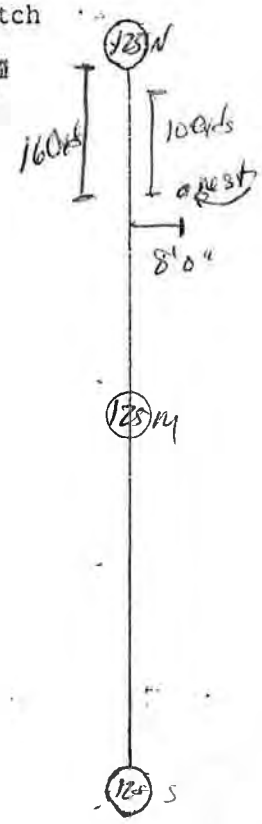
Date 6/22/94

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Notes
West almost directly East of 1st N brace in Boundary Fence to West. Be of pump

Location Sketch



Unit # 11
Transect # T125 N/2
Nest # 220 is located
25 ft 0 in [ ] North [x] South
of flag and
8 ft 0 in [x] East [ ] West
of Transect line
Grazing Cell # ___
Paddock # ___

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

FIELD #UKM

Waterfowl Production Survey

Observer R. Garcia Date 6/22/99 Unit # 11 Transect # T135 N/2

FIRST VISIT

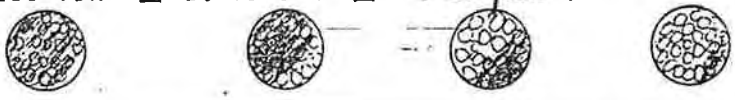
Species Gadwall
Nest # 255
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
Inc. stage
1 # parasitic eggs

Dist. to standing H_2O 100ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[x] 80%	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[x] 20%	Other	Lela

SECOND VISIT-Fate

Date 8/12/99

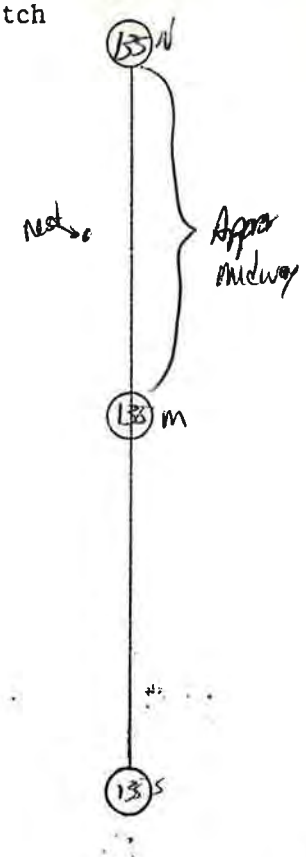
(check one)
- [x] Hatch
  - All # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes

* Nest is directly East of Corrals in Unit

Location Sketch



Unit # 11
Transect # T135 N/2
Nest # 255 is located
25ft 0 in [ ] North [x] South
of flag and
5ft 0 in [ ] East [x] West
of Transect line
Grazing Cell #
Paddock #

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R. Garcia Date 6/22/99 Unit # 11 Transect # T135 N/2

FIRST VISIT

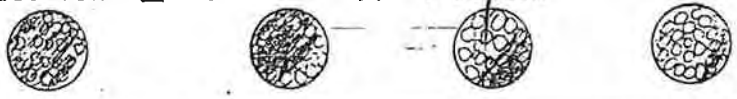
Species Brt/Cinn
Nest # 256
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
kyrds Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 3 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
60% [x]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
40% [x]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

SECOND VISIT-Fate

Date 8-2-99

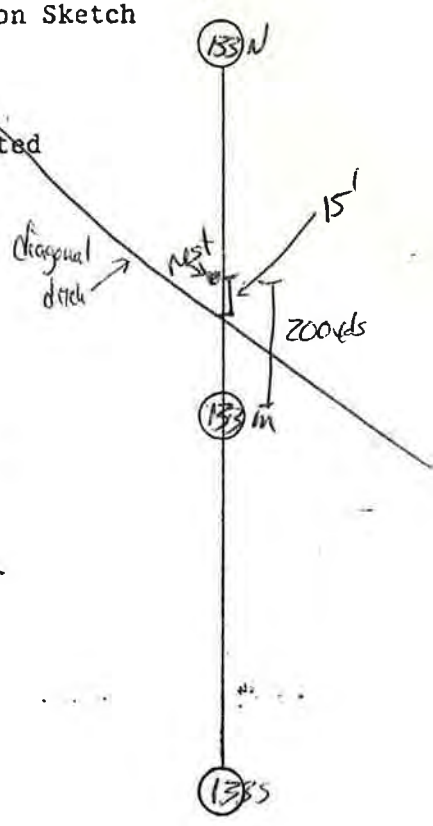
(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [x] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other _____



Notes _____

Location Sketch

Unit # 11
Transect # T135 N/2
Nest # 256 is located
25ft 0 in [ ] North [x] South
of flag and
0ft 5 in [ ] East [x] West
of Transect line
Grazing Cell #_____
Paddock #_____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R Ecrie Date 6/16/88 Unit # 12 Transect # 81N

FIRST VISIT

Species CAGO
Nest # 700 ???
Status (check one)
- ☐ Active
- ☐ Hatched
- ☑ Abandoned
- ☐ Destroyed

5 # eggs
___ Incl. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ D. 25-0%



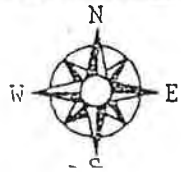
COVER TYPE
(circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
☐	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
☑	Sva	Bullrush 100%
☐	Other	___

SECOND VISIT-Fate

Date / /

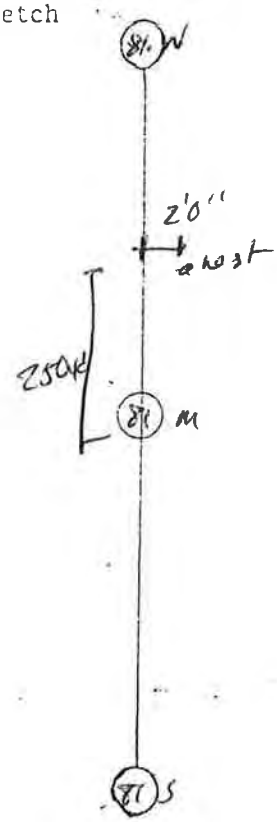
(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



Notes

Unit # 17
Transect # 81N
Nest # 72 is located
25 ft in ☐ North ☐ South
of flag and
2 ft 0 in ☑ East ☐ West
of Transect line
Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Maria Carreon Date 5/17/99 Unit # 14 Transect # 31

FIRST VISIT

Species ~~[redacted]~~ geese
Nest # 100 eggshells
Status (check one)
- ☐ Active
- ☑ Hatched
- ☐ Abandoned
- ☐ Destroyed

0 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 3 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ D. 25-0%



COVER TYPE (circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☑ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

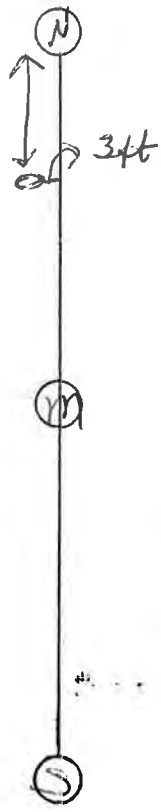
Date 5/17/99

(check one)
- ☑ Hatch
  - all # egg hatch
  - — # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other _____



Notes in the pond, lance, egg shells, tracks, Blue may goose nest

Location Sketch



Unit # 14
Transect # 31
Nest # 101 is located
25 ft in ☐ North ☑ South
of flag and
3 ft in ☐ East ☑ West
of Transect line
Grazing Cell # 5
Paddock # 3 Ogden

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Maria Carreon Date 6/14/99 Unit # 14 Transect # 31

FIRST VISIT

Species Coot
Nest # 104WG
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
21 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [x] C. 50-25% [ ] D. 25-0%



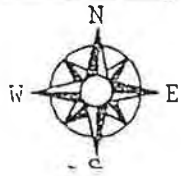
COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [x] Gx Grass species 100%
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 1 / 1

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes _____

Location Sketch

Unit # 14
Transect # 31
Nest # 104 is located
25 ft in
- [ ] North
- [x] South

of flag and
10 ft in
- [ ] East
- [x] West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Maria Carreon Date 6/14/99 Unit # 14 Transect # 33

FIRST VISIT

Species Mallard
Nest # 105
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
Fresh Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



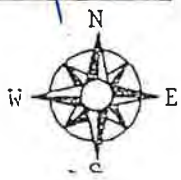
COVER TYPE
(circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[x] 100%	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [x] Hatch
  - 6+ # egg hatch
  - 0 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [x] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes Nest was well covered the female was note there. Estamate on has day from the midal marker because it is missing

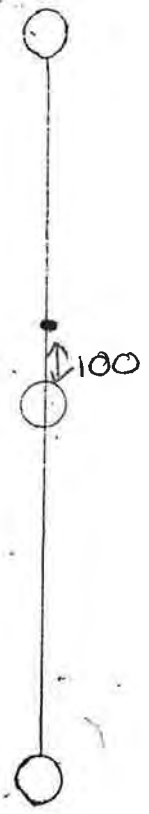
Location Sketch

Unit # 14
Transect # 33
Nest # 105 is located
25 ft in
- [x] North
- [ ] South

of flag and
0 ft in
- [ ] East
- [ ] West

of Transect line

Grazing Cell # 16
Paddock # Ridge



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Maria Carreon Date 6/15/99 Unit # 14 Transect # 37

FIRST VISIT

Species Mallard
Nest # 106
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

5 # eggs
21 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 500 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



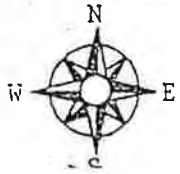
COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
25 [x]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
[ ]	Tla	Cattail
[ ]	Sva	Bullrush
75 [x]	Other	whitetop

SECOND VISIT-Fate

Date 8/10/99

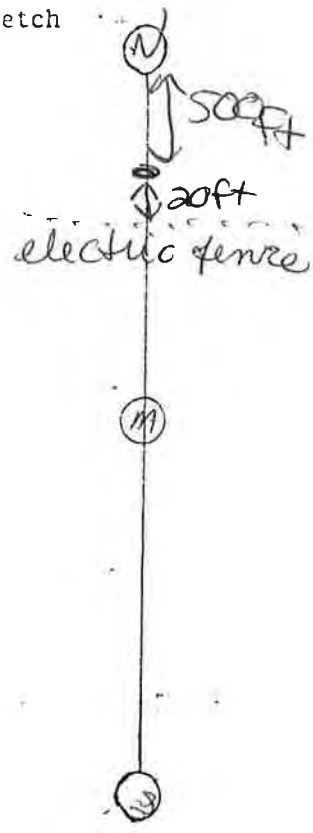
(check one)
- [x] Hatch
  - ALL # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Notes adjacent nest is empty about 2 yr old. Soil surface very wet

Unit # 14
Transect # 35
Nest # 106 is located
25 ft in [ ] North [x] South
of flag and
0 ft in [ ] East [ ] West
of Transect line
Grazing Cell # 7
Paddock # Bigler

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Maria Carreon Date 5/19/99 Unit # 15 Transect # 53

FIRST VISIT

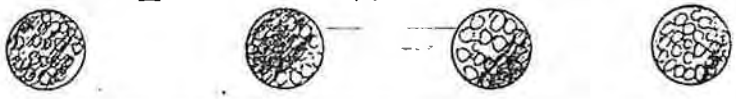
Species gere
Nest # 102
Status (check one)
- ☐ Active
- ☑ Hatched
- ☐ Abandoned
- ☐ Destroyed

4 # eggs chicks
Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 6 ft

Soil Surface (check one)
- ☐ Dry
- ☑ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☑ D. 25-0%



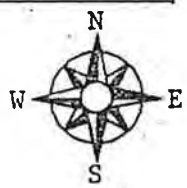
COVER TYPE
(circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
☐	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
☐	Sva	Bullrush
☐	Other	

SECOND VISIT-Fate

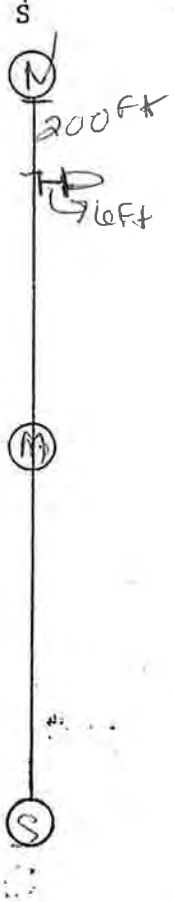
Date 5/19/99

(check one)
- ☑ Hatch
  - all # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___



Notes scared the mom one chick stayed at the nest & the other 3 ran out to the mom.

Location Sketch



Unit # 15
Transect # 53
Nest # 102 is located
25 ft in ☐ North ☑ South
of flag and
6 ft in ☑ East ☐ West
of Transect line
Grazing Cell # 3
Paddock # C01

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Maria Carreon Date 5/19/99 Unit # 15 Transect # 53

FIRST VISIT

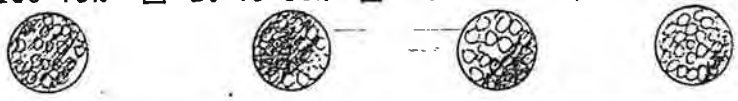
Species ?
Nest # 101
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ Destroyed

0 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 30 ft

Soil Surface (check one)
- ☑ Dry
- ☐ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☑ C. 50-25% ☐ D. 25-0%



COVER TYPE
(circle dominant cover)

- ☐ Sx Willow
- ☐ Sye Greasewood
- ☑ Crx Rabbit brush 25
- ☐ Dst Salt grass 15
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other ____

SECOND VISIT-Fate

Date 5/19/99

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☑ Destroyed
  - ☐ Raven/magpie
  - ☑ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ____



Notes nest torn apart ~~but shells only eaten~~ shells mixed w/ contents of the nest might have been a skunk

Location Sketch

Unit # 15
Transect # 53
Nest # 101 is located
25 ft in ☑ North ☐ South
of flag and
0 ft in ☐ East ☐ West
of Transect line
Grazing Cell # 2
Paddock # C01



Compute Mayfield

___ Species AOU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days
___ age when found	

Waterfowl Production Surveys

Units 17-24

Waterfowl Production Survey

Observer R. Greer Date 6/16/89 Unit # 17 Transect # 89

FIRST VISIT

Species Gadwall
Nest # ~~243~~ 257 ← changed # for data entry - there were 2 of #243. 1000

Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☑ ~~Destroyed~~

6 # eggs
\+ Inc. stage
\+ # parasitic eggs

Dist. to standing H_2O 50ft

Soil Surface (check one)
- ☐ Dry
- ☑ ~~Moist~~
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☑ C. 50-25% ☐ D. 25-0%



COVER TYPE (circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☑ ~~Gx~~ Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 6/16/89

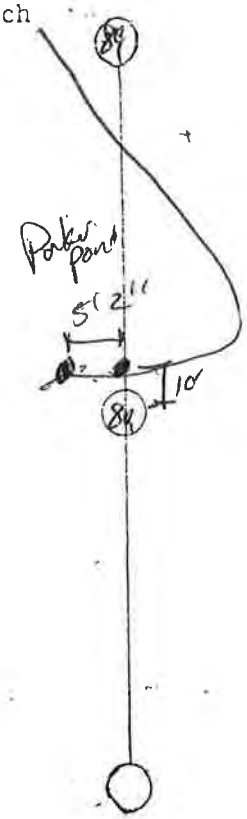
(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☑ ~~Destroyed~~
  - ☐ Raven/magpie
  - ☑ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☑ Other mislaid ??

N / W / E / S

Notes _____

Unit # 17
Transect # 89
Nest # ~~243~~ is located
~~25ft 0 in~~ ☐ ~~North~~ ☐ South
of flag and
5 ft 2 in ☐ East ☑ ~~West~~
of Transect line
Grazing Cell # ____
~~Paddock #~~ ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Steve Gorecki Date 6/14/99 Unit # 17 Transect # 79 N/2

FIRST VISIT

Species Pintail
Nest # 231
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
18 Inc. stage
+ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1.5"

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



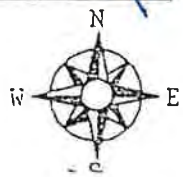
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] ~~Sva~~ Bullrush 100%
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [x] Hatch
  - ALL # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes
Nest N. end of 1st Bullrush path intersected on transect from S.

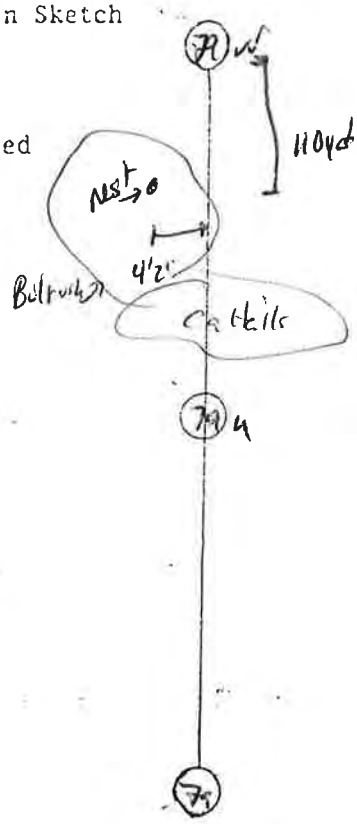
Unit # 17
Transect # 79 N/2
Nest # 231 is located
25 ft 0 in
- [ ] North
- [x] ~~South~~

of flag and
4 ft 2 in
- [ ] East
- [x] ~~West~~

of Transect line

Grazing Cell # 4
Paddock # _____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Stone/Garcia Date 6/16/99 Unit # 17 Transect # 79½

FIRST VISIT

Species Brnt/Cinn
Nest # 232
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

1 # eggs
lay Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 0.5"

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



COVER TYPE (circle dominant cover)

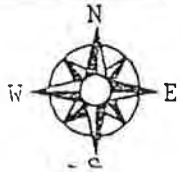
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [x] ~~Jba~~ Baltic rush 90%
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] ~~Tla~~ Cattail 10%
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

Date 8/10/99

(check one)

- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [x] Abandoned w/2 eggs
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes ___

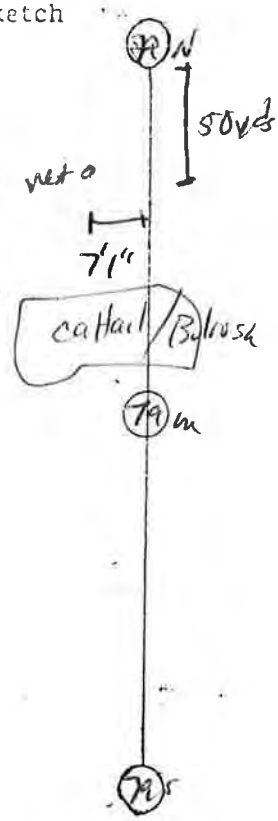
Unit # 17
Transect # 79½
Nest # 232 is located
25ft 0 in
- [ ] North
- [x] South

of flag and
7ft An
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Gaeri Date 6/16/99 Unit # 17 Transect # 81 N/2

FIRST VISIT

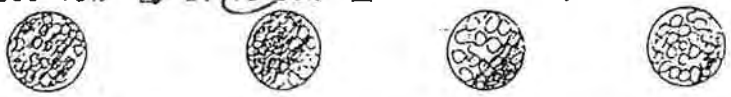
Species Ruddy
Nest # 233
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs ← difficult to count assumed still laying because of lack of down
~~Live~~ Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1'

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



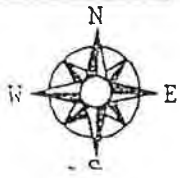
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] Sva Bullrush 100%
- [ ] Other ___

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Location Sketch



Notes

Almost straight west of S. end of tall willows on riparian corridor

Straight E of 3 powerpole thru pair of trees to west w/ first one being in the trees

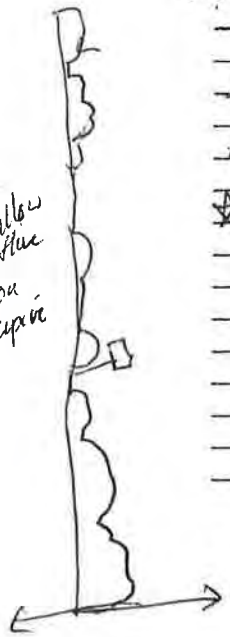
☆ No hen @ this land eggs taken

Unit # 17
Transect # 81 N/2
Nest # 233 is located
10 ~~ft~~ 0 in
- [ ] North
- [x] South

of flag and
5 ft 4 in
- [ ] East
- [ ] West

of Transect line

Grazing Cell #___
Paddock #___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/16/99 Unit # 17 Transect # 8½

FIRST VISIT

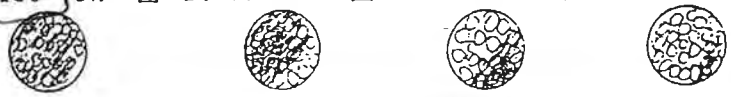
Species Gadwall
Nest # 234
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
layers Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1'

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] Sva Bullrush 100%
- [ ] Other ___

SECOND VISIT-Fate

Date 8/10/99

(check one)
- [x] Hatch
  - 7 # egg hatch
  - 1 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [x] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes
Nest is Appox 40' N. of #233
Date flushed w/hen

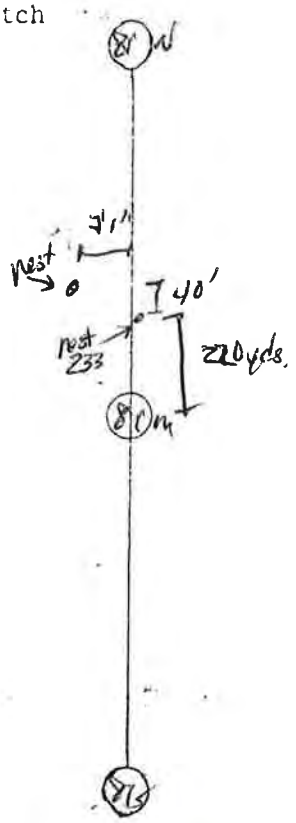
Unit # 17
Transect # 8½
Nest # 234 is located
10 ft ___ in
- [ ] North
- [x] South

of flag and
7 ft 2 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___
Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Cruz Date 6/16/99 Unit # 17 Transect # 83½

FIRST VISIT

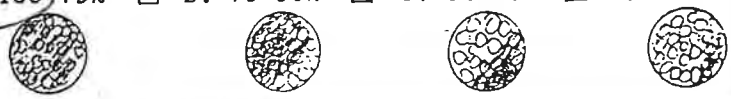
Species Mallard
Nest # 235
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
17d Inc. stage
— # parasitic eggs

Dist. to standing H_2O 0 ft 100%

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] ~~Sva~~ Bullrush
- [ ] Other _____

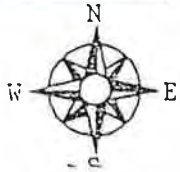
SECOND VISIT-Fate

Date 8/10/99

(check one)

not relocated

- [ ] Hatch
  - # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



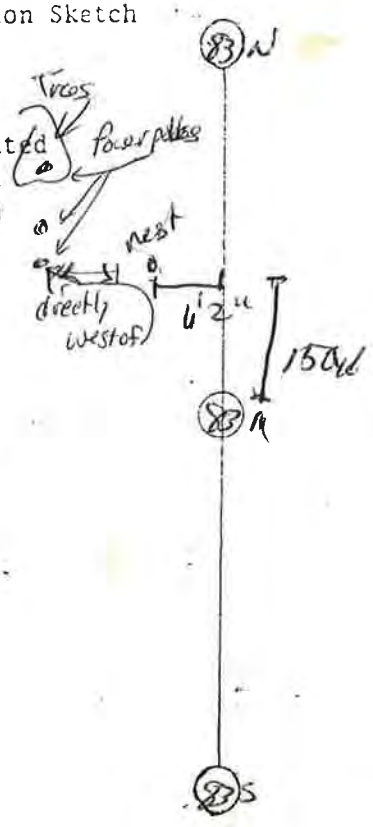
Notes

* No Vehicle @ S. Marker to line up Flags probably the only way to find Center line just Here. wouldn't know if I was on Center w/o it

* Flagged @ nest w/ Ribbon

Location Sketch

Unit # 17
Transect # 83½
Nest # 235 is located
~~25ft~~ ~~in~~ ~~North~~ ~~Flagged @ west~~ ~~South~~ of flag and
6ft 2in ☐ East ☐ West
of Transect line
Grazing Cell # ____
Paddock # ____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/16/99 Unit # 17 Transect # 83½

FIRST VISIT

Species Ruddy
Nest # 236
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
20± Inc. stage no chicks in eggs would but eggs look @ 20±d
— # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 1'

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [x] Sva Bullrush 100%
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10/99

(check one) Nest relocated

- [ ] Hatch
  - # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

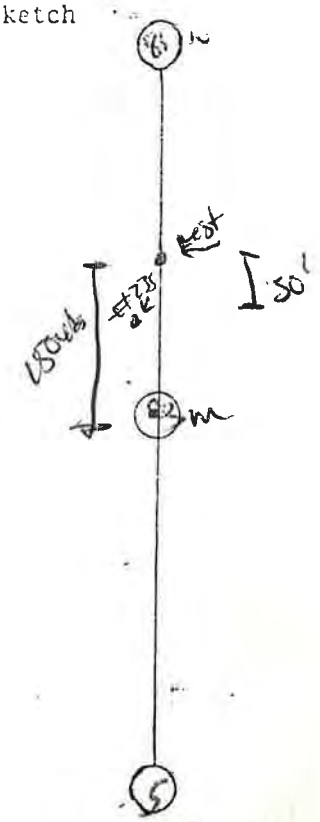


Notes

* Flagged @ nest on Cell-line

* No hen flush but eggs warm

Location Sketch



Unit # 17
Transect # 83½
Nest # 234 is located
25ft 0 in
- [ ] North
- [x] South

of flag and
0 ft 0 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # _____

Paddock # _____

Direction Mo

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 6/16/99 Unit # 17 Transect # 83 N/2

FIRST VISIT

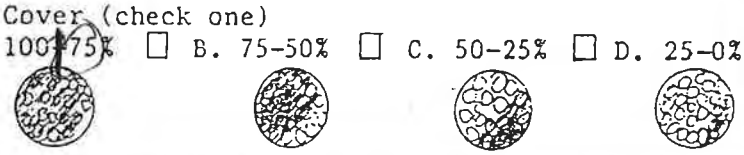
Species Ruddy
Nest # 237
Status (check one)
- ☐ Active
- ☒ ~~Hatched~~
- ☐ Abandoned
- ☐ Destroyed

All 7~~4~~ # eggs
- ☐ Inc. stage
- ☐ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☒ ~~Flooded~~

Aerial Cover (check one)
☒ A. 100~~75~~% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



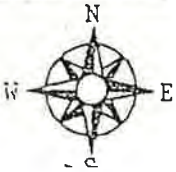
COVER TYPE
(circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
☐	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
100% ☒	Sva	Bullrush
☐	Other	

SECOND VISIT-Fate

Date 6/16/99

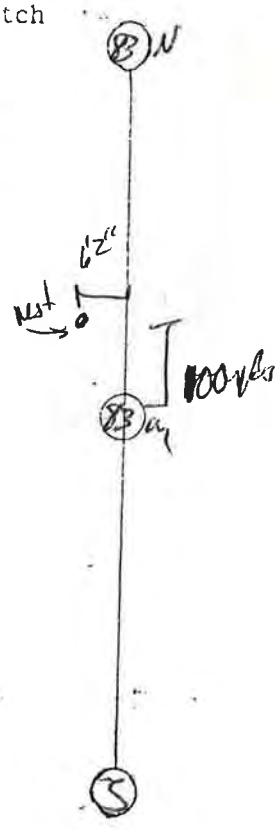
(check one)
- ☒ Hatch
  - All # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other



Notes
* Ribbon in Bowl

Location Sketch

Unit # 17
Transect # 83 N/2
Nest # 237 is located
25 ft in ☐ North ☐ South
of flag and
6 ft 7 in ☐ East ☒ West
of Transect line
Grazing Cell #
Paddock #



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer Maria Carreon Date 5/20/99 Unit # 18 Transect # 15

FIRST VISIT

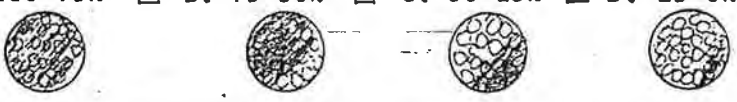
Species Mallard?
Nest # 103
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
E Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [x] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [x] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/17/99 8/11/99

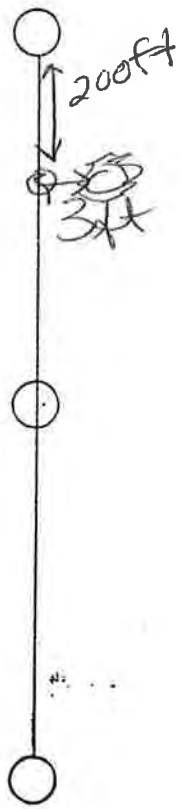
(check one)
- [ ] Hatch active
  - 0 # egg hatch
  - 8 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

Hatch all



Notes eggs well cold and light creme shell and small

Location Sketch



Unit # 18
Transect # 95
Nest # 103 is located
25ft in
- [ ] North
- [x] South

of flag and
5 ft in
- [x] East
- [ ] West

of Transect line

Grazing Cell #_____

Paddock #_____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/20/99 Unit # 18 Transect # T107S/L

FIRST VISIT

Species Mallard
Nest # 221
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

3 # eggs
Tapes Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 6"

Aerial Cover (check one)
- [x] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [ ] D. 25-0%



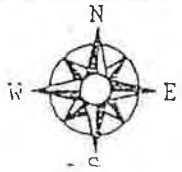
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail 100%
- [ ] Sva Bullrush
- [ ] Other ___

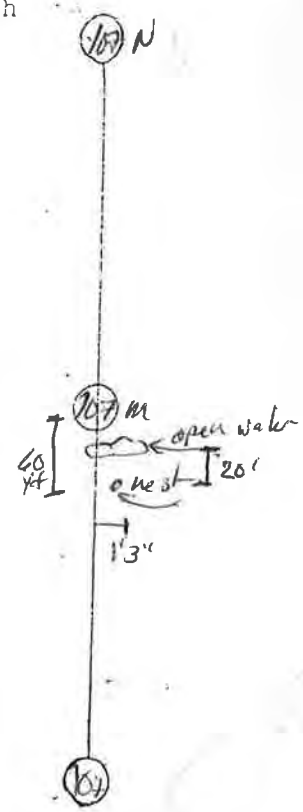
SECOND VISIT-Fate

Date 6/17/99

(check one)
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [x] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [x] Unknown
  - [ ] Other ___



Location Sketch



Notes

Nest ~ 30yds S. of Goose Structure Flag in small open water area just S. of Goose Str.

6/16/99 - 7 eggs look to be ~ 21 days old - No hen flush - nest bowl and eggs in standing H_2O

flag left should re check in July

Unit # 18
Transect # T107S/L
Nest # 221 is located
25 ft 0 in
- [ ] North
- [x] South

of flag and
1 ft 3 in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___
Paddock # ___

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

18 U 2/N

Observer Stone Date 5/20/99 Unit # 97 Transect # 97

FIRST VISIT

Species MALL
Nest # 301
Status (check one)
- [X] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

6 # eggs
21+ Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [X] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [X] C. 50-25% [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- 100 [X] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 6/17/99

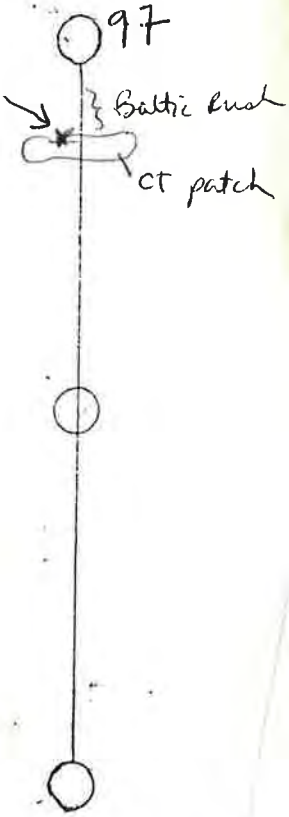
(check one)
- [X] Hatch
  - ___ # egg hatch
  - 0 # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____



Notes Nest @ edge of ct patch ~8 feet W of center line. Nest in base of ct

~~West~~ Flag is 25 ft South of Nest

Location Sketch



Unit # _____
Transect # _____
Nest # _____ is located
25 ft in [ ] North [ ] South of flag and
ft in [ ] East [ ] West of Transect line
Grazing Cell # _____
Paddock # _____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/2/18 Unit # 18 Transect # 107 S/2

FIRST VISIT

Species Yellow-headed Blackbird
Nest # NB203
Status (check one)
- ☑ Active
- ☐ Hatched
- ☐ Abandoned
- ☐ Destroyed

6 # eggs
+ Inc. stage
+ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ Flooded 1.5'

Aerial Cover (check one)
☐ A. 100-75% ☑ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



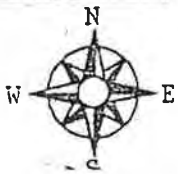
COVER TYPE (circle dominant cover)

- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☑ Tla Cattail 100%
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date / /

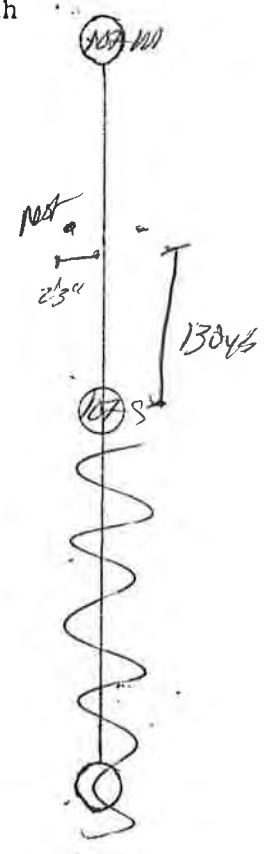
(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ____



Notes No new hyb growth
New Coll still present
~~Nest not flagged for revisit~~

Unit # 18
Transect # 107 S/2
Nest # NB203 is located
25 ft in ☐ North ☐ South
of flag and
2 ft 3 in ☐ ~~East~~ ☑ West
of Transect line
~~Grazing Cell #~~ ____
Paddock # ____

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer R. Garcia Date 5/20/99 Unit # 18 Transect # T105 N/2

FIRST VISIT

Species Can. Goose
Nest # ZZZ
Status (check one)
- ☐ Active
- ☑ ~~Ha~~tched
- ☐ Abandoned
- ☐ Destroyed

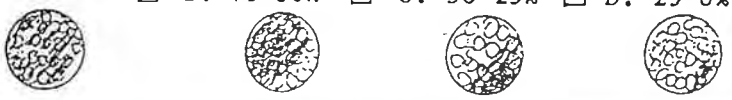
All # eggs
\+ Inc. stage
\+ # parasitic eggs

100%

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☑ ~~Fl~~ooded 6"

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☐ D. 25-0%



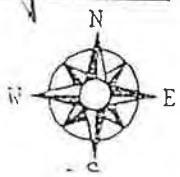
COVER TYPE
(circle dominant cover)

- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☐ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☑ ~~Fl~~a Cattail
- ☐ Sva Bullrush
- ☐ Other _____

SECOND VISIT-Fate

Date 5/20/99

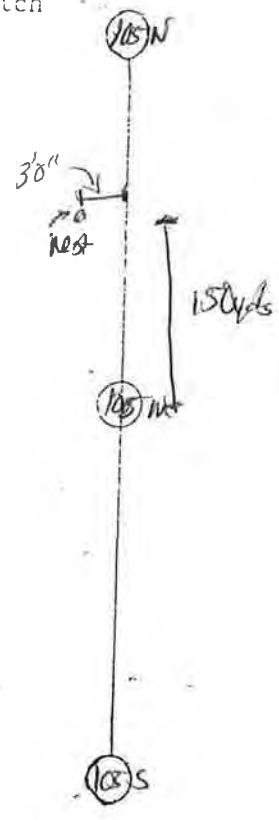
(check one)
- ☑ ~~H~~atch
  - All # egg hatch
  - # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other _____



Notes Nest not flagged for revisit.
Ribbon in bowl

Location Sketch

Unit # 18
Transect # T105 N/2
Nest # ZZZ is located
~~25 ft~~ ~~in~~ ☐ ~~North~~ ☐ South
of flag and
3 ft 0 in ☐ East ☑ ~~West~~
of Transect line
Grazing Cell # _____
Paddock # _____



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

FIELD FORM

Waterfowl Production Survey

Observer R. Garcia Date 6/17/98 Unit # 98 Transect # 107½

FIRST VISIT

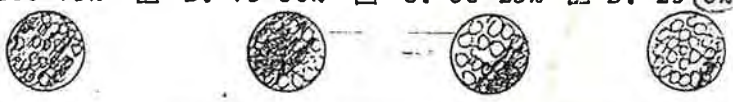
Species Mallard
Nest # 254
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded 18"-23"

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [x] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other ___

SECOND VISIT-Fate

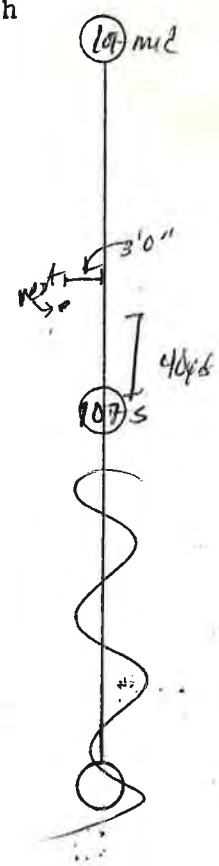
Date 7/15/98

(check one) Not Relocated
- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes
Nest Flagged w/ Ribbon
3'N and 3' East

Location Sketch



Unit # 18
Transect # 107½
Nest # 254 is located
3 ft 0 in
- [ ] North
- [x] South

of flag and
3 ft 0 in
- [ ] East
- [x] West

of Transect line

Grazing Cell # ___

Paddock # ___

Compute Mayfield

___ Species AOU
___ # eggs hatched
___ # eggs remain
___ age when found
___ Initiation date
___ Est. hatch date
___ Exposure days

Waterfowl Production Survey

Observer Stone Date 6/17/99 Unit # 18 Transect # ~~100~~ 101 S/2

FIRST VISIT

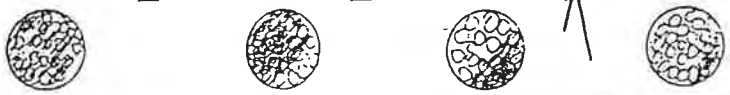
Species Mall
Nest # 310
Status (check one)
- ☐ Active ? or recently flooded
- ☐ Hatched
- ☐ Abandoned
- ☐ Destroyed

8 # eggs
7 Inc. stage fresh
0 # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- ☐ Dry
- ☐ Moist
- ☒ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☐ C. 50-25% ☒ D. 25-0%



% COVER TYPE (circle dominant cover)

☐	Sx	Willow
☐	Sve	Greasewood
☐	Crx	Rabbit brush
☐	Dst	Salt grass
☐	Gx	Grass species
☐	MoF	Sweetclover
☐	Wx	Weed species
97 ☑	Jba	Baltic rush
☐	Cx	Sedge
☐	Ex	Spikerush
☐	Tla	Cattail
☐	Sva	Bullrush
3 ☑	Other	Whitetop

SECOND VISIT-Fate

Date 8/17/98

(check one)
- ☑ Hatch
  - All # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other ___

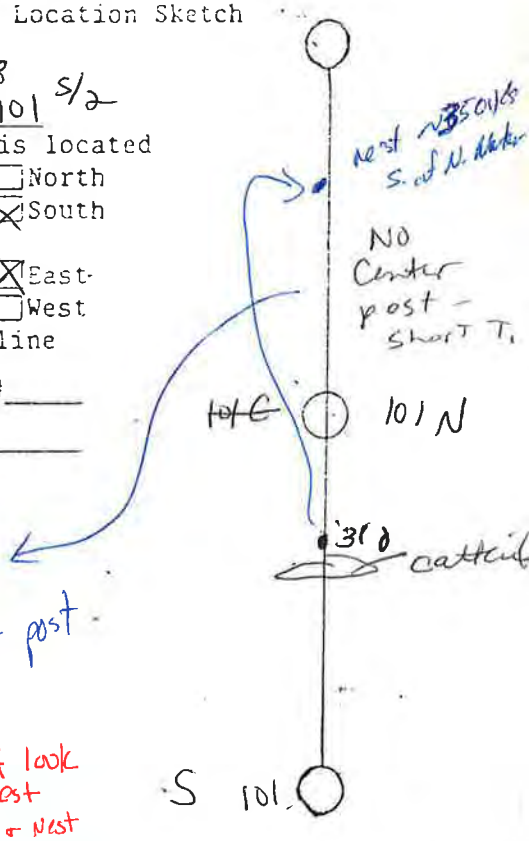


Notes Hen flushed off/near nest But bowl is water in it and eggs feel damp. Sides of bowl wet - from rain or flooding?

Nest is on center line.

Location Sketch

Unit # ~~310~~/8 S/2
Transect # 101
Nest # 310 is located 25ft in ☐ North ☒ South of flag and 0 ft 0 in ~S ☒ East ☐ West of Transect line
Grazing Cell # ___
Paddock # ___



Yes, there is a center post.

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Doesn't look like nest found or nest checked are Stone nest.

Waterfowl Production Survey

Observer Maria Carreon Date 6/17/99 Unit # 18 Transect # 91

FIRST VISIT

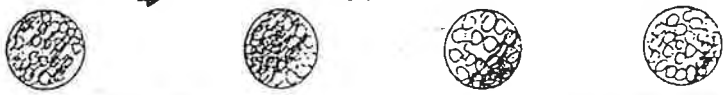
Species Mallard?
Nest # 108
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
21 Inc. stage
/ # parasitic eggs

Dist. to standing H_2O 3 ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [x] B. 75-50% [ ] C. 50-25% [ ] D. 25-0%



COVER TYPE

(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- 1% [x] Wx Weed species
- 99% [x] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date 8/10th-99

(check one) Not Relocated

- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

N
W E
S

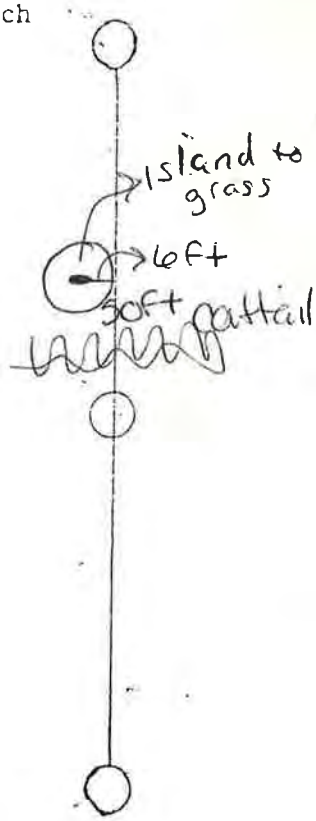
Notes eggs must be very close to hatching because I stood by the nest a good while and it wasn't till I spoke that the hen flushed

Unit # 18
Transect # 91
Nest # 108 is located
25 ft in [x] North [ ] South
10 of flag and
10 ft in [ ] East [x] West
of Transect line

Grazing Cell # _____

Paddock # _____

Location Sketch



Compute Mayfield

___	Species ADU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer Maria Carreon Date 6/17/99 Unit # 18 Transect # 93

FIRST VISIT

Species Mallard
Nest # 109
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

10 # eggs
19 Inc. stage
/ # parasitic eggs
Dist. to standing H_2O 500ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [x] C. 50-25%
- [ ] D. 25-0%



COVER TYPE
(circle dominant cover)

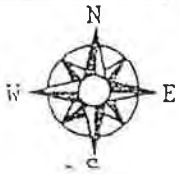
- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [x] ~~Ex Spikerush~~ 85%
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other Whitetop 15%

more no visible Hed

SECOND VISIT-Fate

Date 8/11/99

(check one)
- [x] Hatch
  - All # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [x] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes flush at the very last minute nest is very far away from any water

Location Sketch

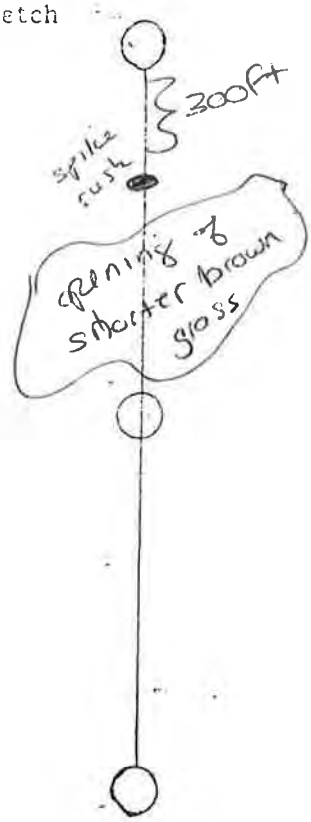
Unit # 18
Transect # 93
Nest # 109 is located
25 ft in
- [x] North
- [ ] South

of flag and
0 ft in
- [ ] East
- [ ] West

of Transect line

Grazing Cell # ___

Paddock # ___



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

VP

Waterfowl Production Survey

Observer Maria Carrion Date 6/17/99 Unit # 18 Transect # 93

FIRST VISIT

Species mallard
Nest # 110
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

8 # eggs
23 Inc. stage
/ # parasitic eggs

Dist. to standing H_2O 4/ ft

Soil Surface (check one)
- [ ] Dry
- [x] Moist
- [ ] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



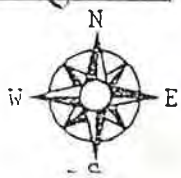
COVER TYPE (circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- 90% [x] Jba Baltic rush
- [ ] Cx Sedge
- 50 [x] ~~Ex Spikerush~~
- [ ] Tla Cattail
- [ ] Sva Bullrush
- 10% [ ] Other Willow

SECOND VISIT-Fate

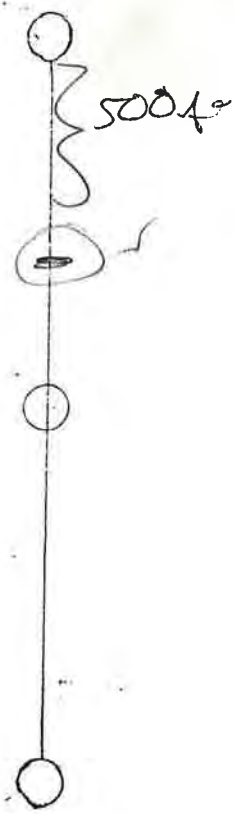
Date 8/11/99

(check one)
- [x] Hatch
  - ## # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other



Notes I actually saw the female on the nest before she moved the eggs are probably ready to hatch she stayed near the nest quaking and flopping trying to get my attention

Location Sketch



Unit # 18
Transect # 93
Nest # 110 is located
25 ft in [ ] North [ ] ~~South~~ of flag and
0 ft in [ ] East [ ] West of Transect line
Grazing Cell #
Paddock #

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer María Carreon Date 6/17/99 Unit # 18 Transect # 93

FIRST VISIT

Species Mallard
Nest # 111
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

7 # eggs
27 Inc. stage
___ # parasitic eggs

Dist. to standing H_2O 0 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
- [ ] A. 100-75%
- [ ] B. 75-50%
- [ ] C. 50-25%
- [x] D. 25-0%



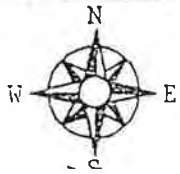
COVER TYPE (circle dominant cover)

[ ]	Sx	Willow
[ ]	Sve	Greasewood
[ ]	Crx	Rabbit brush
[ ]	Dst	Salt grass
[ ]	Gx	Grass species
[ ]	MoF	Sweetclover
[ ]	Wx	Weed species
[ ]	Jba	Baltic rush
[ ]	Cx	Sedge
[ ]	Ex	Spikerush
100% [x]	Tla	Cattail
[ ]	Sva	Bullrush
[ ]	Other	_____

SECOND VISIT-Fate

Date 8/11/99
(check one) NA Relocated

- [ ] Hatch
  - ___ # egg hatch
  - ___ # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other ___



Notes entirely surrounded by cattails

Unit # 18
Transect # 93
Nest # ___ is located
25 ft in
- [ ] North
- [ ] South

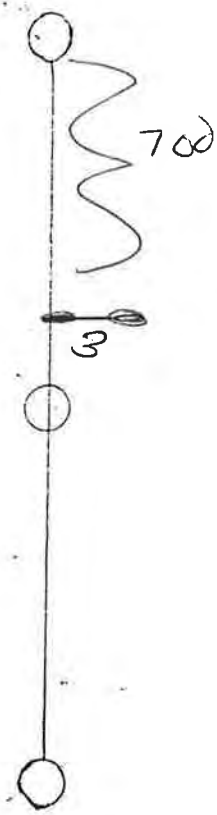
of flag and
3 ft in
- [x] East
- [ ] West

of Transect line

Grazing Cell # ___

Paddock # ___

Location Sketch



Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 5/18/99 Unit # 24 Transect # 12

FIRST VISIT

Species BN Shit
Nest # NG1
Status (check one)
- [x] Active
- [ ] Hatched
- [ ] Abandoned
- [ ] Destroyed

4 # eggs
— Inc. stage
0 # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- [ ] Dry
- [ ] Moist
- [x] Flooded

Aerial Cover (check one)
[ ] A. 100-75% [ ] B. 75-50% [ ] C. 50-25% [x] D. 25-0%



COVER TYPE
(circle dominant cover)

- [ ] Sx Willow
- [ ] Sve Greasewood
- [ ] Crx Rabbit brush
- [ ] Dst Salt grass
- [ ] Gx Grass species
- [ ] MoF Sweetclover
- [ ] Wx Weed species
- [ ] Jba Baltic rush
- [ ] Cx Sedge
- [ ] Ex Spikerush
- [ ] Tla Cattail
- [ ] Sva Bullrush
- [ ] Other _____

SECOND VISIT-Fate

Date / /

(check one)
- [ ] Hatch
  - # egg hatch
  - # egg remain
- [ ] Abandoned
- [ ] Flooded
- [ ] Destroyed
  - [ ] Raven/magpie
  - [ ] Skunk
  - [ ] Raccoon
  - [ ] Coyote
  - [ ] Unknown
  - [ ] Other _____

N
W E
S

Location Sketch

Notes _____

Unit # _____
Transect # _____
Nest # _____ is located
25 ft in
- [ ] North
- [ ] South

of flag and
ft in
- [ ] East
- [ ] West

of Transect line

Grazing Cell # _____

Paddock # _____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Waterfowl Production Survey

Observer L. Rawinski Date 6/15/99 Unit # 24 Transect # 123

FIRST VISIT

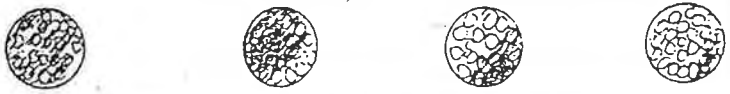
Species Mallard
Nest # 14
Status (check one)
- ☐ Active
- ☐ Hatched
- ☐ Abandoned
- ☒ Destroyed - AVIAN

6 # eggs
— Inc. stage
— # parasitic eggs

Dist. to standing H_2O 1 ft

Soil Surface (check one)
- ☐ Dry
- ☒ Moist
- ☐ Flooded

Aerial Cover (check one)
☐ A. 100-75% ☐ B. 75-50% ☒ C. 50-25% ☐ D. 25-0%

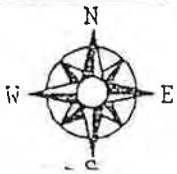


COVER TYPE
(circle dominant cover)
- ☐ Sx Willow
- ☐ Sve Greasewood
- ☐ Crx Rabbit brush
- ☐ Dst Salt grass
- ☐ Gx Grass species
- ☐ MoF Sweetclover
- ☐ Wx Weed species
- ☒ Jba Baltic rush
- ☐ Cx Sedge
- ☐ Ex Spikerush
- ☐ Tla Cattail
- ☐ Sva Bullrush
- ☐ Other _____

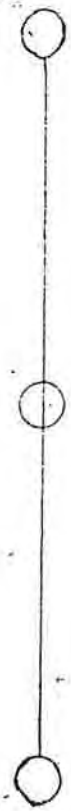
SECOND VISIT-Fate

Date / /

(check one)
- ☐ Hatch
  - ___ # egg hatch
  - ___ # egg remain
- ☐ Abandoned
- ☐ Flooded
- ☐ Destroyed
  - ☐ Raven/magpie
  - ☐ Skunk
  - ☐ Raccoon
  - ☐ Coyote
  - ☐ Unknown
  - ☐ Other _____



Location Sketch



Notes _____

Unit # _____
Transect # _____
Nest # _____ is located
25 ft in ☐ North ☐ South
of flag and
ft in ☐ East ☐ West
of Transect line
Grazing Cell # _____
Paddock # _____

Compute Mayfield

___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days
___	age when found		

Duck Nest Transect Surveys

Monte Vista National Wildlife Refuge
Duck Nest Transect Survey
Summary 19 99

May Walk ✓ June Walk _____ Page 1 of _____ ( ) = # eggs with final fate

Nest#	Unit	Species	Found Status	# of Eggs	Inc. Stage	Est. initiate	Age Found	Date Found	Fate Date	Est. Hatch	Nest Fate	Exp. Days
503	1	1320	0	10	00	126	10	136	Not Relocated			-
4	1	1320	0	5	4	127	9	136	167	158	3	8.8
210	3	1460	0	4	00	134	4	138	166	165	1	27
212	3	1430	0	7	0	131	7	138	166	156	3	7.2
3	4	1320	0	8	4	126	12	138	165	160	3	8.8
600	6	1320	0	2	0	135	2	137	168	170	3	13.2
601	6	1320	0	8	4	125	12	137	167	159	3	8.8
602	6	1320	77	1	-	-	-	137	137	-	3	-
502	7	1320	77	8-10	-	-	-	136	136	-	3	-
505	7	1320	77	-	-	-	-	136	136	-	3	-
300	8	1320	0	3	0	134	3	137	165	169	3	12.8
213	9	1320	0	7	0	132	7	139	166	167	3	11.2
214	9	1430	0	9	8	122	17	139	166	155	1	16
215	9	1420	0	8	0	131	8	139	168	163	1	24
216	9	1420	0	9	0	130	9	139	168	163	1	24
217	9	1320	0	6	9	124	15	139	167	166	1	27
218	9	1320	0	7	0	132	7	139	224	167	1	28
219	9	1320	0	1	0	138	1	139	224	173	1	34
208	9	1320	77	3	-	-	-	138	138	-	3	-
209	9	1320	0	7	4	126	12	138	167	159	1	21
207	9	1320	0	8	0	130	8	138	168	165	3	10.8
206	9	1320	0	2	0	135	2	137	167	170	3	13.2
205	9	1320	0	4	0	133	4	137	167	168	3 Flood	12.4
204	9	1320	0	8	14	115	22	137	167	149 (148)	1 (7)	12
203	9	1320	0	11	18	108	29	137	166	145	1	8

25 Nests

$E^0 = 328.2$

Monte Vista National Wildlife Refuge
Duck Nest Transect Survey
Summary 19 99

May Walk ✓ June Walk _____ Page 2 of 2

Nest#	Unit	Species	Found Status	# of Eggs	Inc. Stage	Est. initiate	Age Found	Date Found	Fate Date	Est. Hatch	Nest Fate	Exp. Days
202	9	1320	77	5+	–	–	–	137	137	–	3	–
200	9	1320	0	8	18	111	26	137	166	145 146	1 (8)	9
201	9	1460	0	11	0	126	11	137	224	162	3	10
2	10	1320	0	2	0	136	2	138	167	171	3	11.2
1	10	1430	0	5	4	128	9	137	166	155 157	1 (3)	20
220	11	1320	0	7	0	133	7	140	173	168	3	11.2
101	15	UNK	77	1+?	–	–	–	139	139	–	3	–
103	18	1320	0	3	0	137	3	140	223	172	1	32
301	18	1320	0	6	21	113	27	140	168	145	1	5
221	18	1320	0	3	0	137	3	140	168	172	3 Flood	12.8
207												

3 hatched

10

D: 6
S: 4

E: 111.2

Monte Vista National Wildlife Refuge
Duck Nest Transect Survey
Summary 19 99

May Walk _____ June Walk ✓ Page 1 of 3

Nest#	Unit	Species	Found Status	# of Eggs	Inc. Stage	Est. initiate	Age Found	Date Found	Fate Date	Est. Hatch	Nest Fate	Exp. Days
111	1	1320	0	10	1	154	11	165	222	190	1	25
112	1	1350	0	5	0	160	5	165	222	195	3	12
513	1	1350	0	8	0	159	8	167	222	194	3	10.8
514	1	1320	0	6	0	161	6	167	222	196	3	11.6
303	2	1320	6 DEST	4+	–	–	–	166	166	–	3	–
225	3	1320	0	4	18	144	22	166	224	174	1	8
224	3	1460	0	7	8	151	15	166	224	183	1	17
223	3	1320	0	9	0	156	9	165	222	191	3	10.4
6	4	1320	0	9	21	135	30	165	224	170	1	5
7	4	1350	0	9	4	152	13	165	224	186	3	8.4
5	4	1320	0	7	23	135	30	165	224	168	1	3
12	4	1320	0	6	17	142	23	165	224	174	1	9
8	4	1320	0	5	23	137	28	165	224	168	1	3
9	4	1410	6	7±	–	–	–	165	165	–	3	–
10	4	1320	6	5±	–	–	–	165	165	–	3	–
11	4	1410	0	8	21	136	29	165	224	170	1	5
13	4	1410	6 AB	6	–	–	–	166	166	–	2	–
603	6	1410	0	7	4	157	11	168	222	188	1	20
604	6	1320	0	4	8	156	12	168	222	186	3	7.2
605	6	1320	6 DEST	3+	–	–	–	168	168	–	3	–
606	6	1320	6 DEST	4+	–	–	–	168	168	–	3	–
607	6	1320	0	5	17	146	22	168	222	177	3	4.5
608	7	1350	0	6	20	142	26	168	222	174	1	6
609	7	1460	6 AB	3	–	–	–	168	168	–	2	–
610	7	1320	0	6	17	145	23	168	222	177	1	9

U = 14
E = 174.9
S = 11

Monte Vista National Wildlife Refuge
Duck Nest Transect Survey
Summary 19 99

May Walk_____ June Walk ✓ Page 2 of 3

Nest#	Unit	Species	Found Status	# of Eggs	Inc. Stage	Est. initiate	Age Found	Date Found	Fate Date	Est. Hatch	Nest Fate	Exp. Days
512	7	1410	0	12	12	141	24	165	222	177	1	12
510	7	1320	6 HATCH	9	term	—	—	165	165	—	1	—
226	9	1320	0	9	17	140	26	166	223	175	1	9
253	9	1320	0	6	3	159	9	168	224	191	1	23
250	9	1410	0	6	0	162	6	168	224	196	1	28
251	9	1350	0	5	0	163	5	168	224	198	1	30
252	9	1420	0	3	0	165	3	168	222	199	NRL	—
242	9	1430	0	8/3P	23	136		167	168	168	1/3P HU	1
243	9	1320	6 HATCH	6+	-	-	-	167	167	—	1	—
248	9	1320	0	2	15	151	17	168	223	179	1	11
249	9	1320	0	7	24	134	33	168	168	169	1	1
238	9	1350	4 IR	1	0	166	1	167	224	201	2 IR	—
239	9	1410	0	8/3P	15	144	23	167	224	176	1/3P HU	9
240	9	1430	0	6	20	141	26	167	223	171	1	4
241	9	1410	0	10	15	142	25	167	223	176	1	9
247	9	1350	0	9	4	155	13	168	223	189	1	21
244	9	1350	0	2	0	166	2	168	224	201	3	13.2
245	9	1320	0	11	15	142	26	168	224	179	1	11
246	9	1410	0	7	20	141	27	168	224	172	1	4
307	9	1410	0	10	21	136	31	167	224	170	1	3
308	9	1320	0	8/1P	4	155	12	167	224	189	3	8.8
309	9	1320	6 DEST	1+	—	—	—	167	167	—	3	—
304	9	1410	0	10	19	138	29	167	224	172	1	5
305	9	1410	0	8	0	159	8	167	224	193	1	26
306	9	1320	0	4	0	163	4	167	224	198	1	31

E = 260 U = 3 S = 20 Other = 2 Used = 20

Monte Vista National Wildlife Refuge
Duck Nest Transect Survey
Summary 19 99

May Walk_____ June Walk ✓ Page 3 of 3

Nest#	Unit	Species	Found Status	# of Eggs	Inc. Stage	Est. initiate	Age Found	Date Found	Fate Date	Est. Hatch	Nest Fate	Exp. Days
229	9	1430	0	5	0	161	5	166	222	193	1	27
230	9	1320	0	7	17	142	24	166	224	175	1	9
227	9	1320	0	7	16	143	23	166	224	176	1	10
228	9	1430	0	3	0	163	3	166	224	195	3	11.6
16	10	1350	0	7	4	155	11	166	224	187	3	8.4
15	10	1460	0	8	8	150	16	166	224	183	2	6.8
255	11	1350	0	8	0	168	8	173	224	201	1	28
256	11	1410	0	8	0	168	8	173	224	200	3	10.8
105	14	1320	0	3	0	162	3	165	222	197	1	32
106	14	1320	0	5	21	140	26	166	222	171	1	5
231	17	1430	0	8	18	141	26	167	222	173	1	6
232	17	1410	0	1	0	166	1	167	222	200	2	13.2
233	17	1670	0	6	0	161	6	167	222	196	1	29
234	17	1350	0	3	0	164	3	167	222	199	1	32
235	17	1320	0	8	17	142	25	167	222	176	NRL	-
236	17	1670	0	7	20	140	27	167	222	172	NRL	-
237	17	1670	4 HATCH	7+	-	-	-	167	167	-	1	-
243	17	1350	6 DEST	6+	-	-	-	167	167	-	3	-
108	18	1320	0	7	21	140	28	168	222	173	NRL	-
109	18	1320	0	10	19	139	29	168	223	175	1	7
110	18	1320	0	8	23	137	31	168	223	171	1	3
111	18	1320	0	7	21	140	28	168	223	173	NRL	-
310	18	1320	0	8	4	156	12	168	224	190	1	22
254	18	1320	0	4	0	164	4	168	224	194	NRL	-
14	24	1320	6 DEST	6+	-	-	-	166	166	-	3	-

E = 260.8 U = 7
S = 13
Other = 5

6-14-99 U14 T29 N/2 the ~~Northern~~ middle marker on T29 is missing

U14 T31 slightly North of spring pond found carcas of adult unrecognizable and one large eggshell no nest found egg was opened on one side and contents ~~eaten~~ eaten

U14 between T31 & T33 just N of the tourist display there were alot of activity there were 3 or 4 coot and they had about 4 chicks then there were several ruddy ducks about 8 and (3 were female) the males still were competing for females.

U14 on the Northern 1/2 of both 31 and 33 there were ~~a~~ a few avacets on 31 they were dive booming me agressively but I found no nest (thick grass) on 33 a pair was dive booming me and I stumbled on to there nest it was completely in the open built on a mound

U14 T33 middle marker missing
* did not see any geese
alot of activity
more water then in may

6-15-99

U14 T35 N/2 large pond on auto tour road male ruddy are competing for females (large group.)
coots are aggresive watching young

U14 Northern marker on 35 missing and middle marker on 37 missing sign only

U15 T39 S/2 mallard nest destroyed 6 or 7 eggs just out of the transect line eggy shells are mostly intact looks like the work of a crow

U15 T39 & T41 many avocets and killdeer just N of the south marker near the road that cuts across both transect lines killdeer and the avocets seem to like the flooded grass wood areas.

U15 T43 & T45 the Northern parts of both these transects have little to no activity

* there was a group of about 12 ibis in U21 between marker 51 & 45 they were south of the road in the grassy part
did not see any geese today either but saw a lot of babies

#	Nest #	Unit	Transect	N/S	Observer	Status
1	111	1	55	S	RICK	successful
2	112	1	55	S	RICK	destroyed
3	513	1	63	S	RICK	abandoned
4	514	1	65	S	RICK	destroyed
5	225	3	85	N	RON	Successful
6	224	3	87	S	RON	Successful
7	223	3	103	S	RON	destroyed
8	6	4	109	S	LISA	Successful
9	7	4	109	S	LISA	Destroyed
10	5	4	111	S	LISA	Successful
11	12	4	121	S	LISA	Successful
12	8	4	123	S	LISA	Successful
13	11	4	123	S	LISA	Successful
14	13	4	123	N	LISA	Abandoned
15	603	6	33	N	SCOTT	successful
16	604	6	33	N	SCOTT	destroyed
17	607	6	43	N	SCOTT	destroyed
18	608	7	43	S	SCOTT	Flooded
19	609	7	45	S	SCOTT	successful
20	610	7	49	S	SCOTT	successful
21	512	7	59	S	RICK	successful
22	226	9	83	S	RON	Successful
23	253	9	87	N	RON	Successful
24	250	9	89	N	RON	Successful
25	251	9	89	S	RON	Successful

IIa-III
7
6

#	Nest #	Unit	Transect	N/S	Observer	Status
26	252	9	89	S	RON	Not Relocated *
27	218	9	91	N	RON	Successful
28	219	9	91	N	RON	Successful
29	248	9	91	S	RON	Successful
30	238	9	93	N	RON	Abandoned I.R.
31	239	9	93	S	RON	Successful
32	240	9	93	S	RON	Successful
33	241	9	93	S	RON	successful
34	247	9	95	S	RON	Successful
35	246	9	99	S	RON	Successful
36	307	9	99	S	KELLI	Successful
37	245	9	99	S	RON	Successful
38	244	9	99	S	RON	Destroyed
39	308	9	99	N	KELLI	Destroyed
40	304	9	101	N	KELLI	Successful
41	305	9	101	N	KELLI	Successful
42	306	9	101	S	KELLI	Successful
43	229	9	103	N	RON	Successful
44	230	9	103	N	RON	Successful
45	227	9	107	S	RON	Successful
46	201	9	107	S	RON	Destroyed
47	228	9	107	S	RON	Destroyed
48	15	10	115	S	LISA	Abandoned
49	16	10	115	S	LISA	Destroyed
50	256	11	133	N	RON	Destroyed

#	Nest #	Unit	Transect	N/S	Observer	Status
51	255	11	135	N	RON	Successful
52	105	14	33	N	MARIA	Successful
53	106	14	37	N	MARIA	Successful
54	232	17	79	N	RON	abandoned
55	231	17	79	N	RON	Successful
56	233	17	81	N	RON	Successful
57	234	17	81	N	RON	Successful
58	235	17	83	N	RON	Not relocated *
59	237	17	83	N	RON	Successful
60	236	17	83	N	RON	Not relocated *
61	108	18	91	N	MARIA	Not relocated *
62	109	18	93	N	MARIA	Successful
63	110	18	93	N	MARIA	Successful
64	111	18	93	N	MARIA	Not relocated *
65	103	18	95	N	MARIA	Successful
66	310	18	101	S	KELLI	Successful
67	254	18	107	N	RON	Not Relocated *
68	503	1	59	S	RICK	not relocated *
69						
70						
71						
72						
73						
74						
75						

Bird Data Sheets

LOCATION: Unit 7
DATE: 5-16
CONDITIONS: (calm) Sunny

BIRD DATA SHEET

BEGIN: 7 am
END: 10 am
OBS: Mark S. Schnaderbeck

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Avocet	SH	5 pair	-	-	WM	LG	T55 ½ 47	NS	
2	Phalarope	SH	6	-	-	"	"	"	FO	
3	Snipe	MS	1	-	-	"	"	"	FO	
4	Phalarope	SH	15-20	-	-	"	"	47-T55-N½	FO	
5	Phalarope	SH	15	-	-	"	"	47-T57-N½	FO	Dikes will be excellent nesting habitat for SH
6	~~Snipe~~ Snipe	MS	6	-	-			"	FO	
7	Killdeer	SH	10	-	-			"	FO	
8	Avocet	SH	30	-	-	"	"	"	~~FO~~ NS	
9	Avocet	SH	50+	-	-	"	"	47 T57-S½	FO	They are screaming all over the place
10	Snipe	SH	2	-	4	"	"	"	NS	
11	Phalarope	SH	30+	+	-	"	"	"	FO	
12	Ibis	SH	7	-	-	"	"	"	FO	
13	Avocets	SH	30	-	-			47 T57 S½	FO	
14	Ibis	SH	5	-	-				FO	
15	Killdeer	SH	30+	-	-				FO, NS	
16	Phalarope	SH	40+	-	-				FO	
17	Avocets		10	-	-			47 T57 N½	FO	
18	Ibis		5	-	-				FO	
19	Dunlin		40+	-	-				FO	
20	Killdeer		10	-	-				FO / NS	
21	Phalarope		15	-	-				FO	
22	Common Tern	TE	2	-	-				FO	
23	Marsh Wren	MS	3	-	-			41 T57	NS	
24	Black Tern	TE	1	-	-			41 T57	FO	
25	Marsh Wren	MS	2/0	-	-			41 T61	FO / NS	

HABITAT CODES:
EM = Emergent
WM = Wet Meadow
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland

* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
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Missing T57 N ½ 41 Needs Review
T61 N 7 Very dry no water N species

Entered 11/2/01 KC

LOCATION: U7
DATE: 5/16/99
CONDITIONS: Sunny 50°F

BIRD DATA SHEET

BEGIN: 10 am
END:
OBS: Schmidlkofer

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer	SH	5	–	–	WM	LG	U7-TG1-N½	FO	Spillway washed out in Sept
2	Peregrine Fal	RA	1	–	–			U7-TG1-S½	FL	no water on N½
3	Avocets	SH	10	–	–				FO	Hunting Mourning ducks
4	Avocets	SH	10	–	–			U7-TG3S½	FO	
5	Killdeer	SH	15	–	–				FO/NS	Very dry
6	Avocets	SH	10	–	–			U7 65S½	FO	
7	Ibis	SH	7	–	–				FL	
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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LG = Large [> 20 ac]

Entered 1/2/00. KC

LOCATION: MNWR
DATE: 5-17-99
CONDITIONS: Sunny + wind

BIRD DATA SHEET

BEGIN:
END:
OBS: Marla Carreon

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	present		3			field	ME	U14T23S/2	FO	
2	meadowbirds		9			↓	SM	↓	↓	
3	mallard		2			WM	ME		LO	
4	cin. teal		1			WM	ME		↓	
5	present		5			field	ME	U14T25 N/2	FO	
6	meadowbirds		7			↓	SM	↓	↓	
7	mallard	WF	12			DW	ME	U14T31S/2	LO	
8	geese	↓	10			↓	LG		↓	
9	coot		8				SM			
10	c teal		4				SM			
11	shoveler	↓	2			↓	ME	↓	↓	
12	mallard	WF	6			DW	ME	U14T33S/2	FO	
13	geese	↓	8			↓	LG		↓	
14	coot	↓	5				SM			
15	shoveler	↓	7			↓	ME		↓	
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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Entered 1/2/01 KC

LOCATION: MVNWR U9
DATE: 5/17/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Avocet	SH	10			WM/MF	ME	U9T103 S½	FO	
2	Sora	MS	1						FO/LO	
3	C. Snipe	MS	3						LO/FO	
4	Y.H. B. Bird	PA	20+						FO	
5	W-E Tern	EG	5+						FO	
6	Y.H. B. Bird	PA	15					U9T101 S½	FO	
7	Am. Avocet	SH	5						FO	
8	C. Snipe	MS	3		1 Nestling				FL	
9	C. Snipe	MS	3					U9T99 N½	FO	
10	Sora	MS	2						FO	
11	Avocet	SH	2						FO	
12	Elk @ ?	Mammal	1						Walking Thru	
13	Sora	MS	2			WM/MF		U9T99 S½	FO	
14	C. Snipe	MS	3						FO	
15	Am. Avocet	SH	5+						FO	
16	Sora	MS	1					U9T97 S½	FO	
17	Am. Avocet	SH	5							
18	Killdeer	PL	2							
19	Sora	MS	1					U9T97 N½	FO	
20	Avocet	SH	3							
21	Marsh Wren	PA	5+			WM/EM			MS	
22	Snipe	MS	1							
23	Mallard	WF	60+			WM/FL		U3T107 N½	FO/LO	Flooded ME after burn. MS ms. almost exclusively Mallard Drakes.
24										
25										

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SIZE:
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LG = Large [> 20 ac]

Entered 1/2/01 JK

LOCATION: MVNWR
DATE: 5/12/99
CONDITIONS: wet

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	W. Phalarope	SH	20+			WM	ME	U9T107½	FO	
2	C. Snipe	MS	3+						FL	
3	R.W.B Bird	PA	20+						LO	
4	W.F. Ibis	EG	2						FO	
5	B.N. Stilt	SH	8						FO	
6	Avocet	SH	10						FO	
7	Avocet	SH	20+					U9T107½	FO	
8	B.N. Stilt	SH	4						FO	
9	Snipe	MS	3						FL	
10	Am. Bittern	MS	1						LO/NS	
11	C.B Marsh Wrens	PA	5+						NS	
12	Y.H. R. Birds	PA	30+						NS	
13	W. Phalarope	SH	20+						FO	
14	B.W. Stilt	SH	5					U9T105½	FO	
15	Avocet	SH	20+						FO	
16	C.B. Dowitcher	SH	25						FO	
17	Killdeer	PL	2						FO	
18	Ibis	EG	5						FO	
19	Y.H. & B.W.	PA	20+						FO	
20	Ibis	EG	4					U9T105½	FO	
21	Snipe	MS	5						FO	
22	Avocet	SH	10						FO	
23	Y.H.B Bird	PA	25?						FO	
24	Killdeer	PL	3					U9T103½	/	
25	C. Snipe	MS	4/					/	/	

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FL = Flying
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SIZE:
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LG = Large [> 20 ac]

Entered 12/28/00 JR

LOCATION: MVNWR
DATE: 5-17-99
CONDITIONS: Clear - Partly cloudy

BIRD DATA SHEET

BEGIN: 0900
END: 1433
OBS: MF
Laird

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	R-Wing BB	MS	2	/	/	WM	SM	N½ U23	FL	
2	Mallard	WF	6	/	/	WM	SM	N U23	FO	
3	N. Shoveler	WF	2	/	/	WM	SM	N U23	FO	
4	C. Geese	WF	22	/	/	WM	SM	N½ U22	LO	
5	Magpie	PA	3	/	/	UP	LG	N½ U22	FL	
6	M. Doves	RA	5	/	/	UP	LG	N½ U22	LO	
7	* [redacted] Raptor	RA	1	/	/	UP	LG	N½ U22	LO	
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 11/8/00 JC

LOCATION: MVNWR
DATE: 5/17/99
CONDITIONS: Clear 70°

BIRD DATA SHEET

BEGIN: 7:45
END: 8:45
OBS: L. RAWINSKI

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Vesper sparrow	PA	1			UF/SS	—	U10T111½	Singing (NS)	
2	RW Blackbird	↓	2			↓	↓	↓	(NS)	
3	Savanah Sparrow		5			WM		U24T111½	NS	
4	BH Cowbird	↓	5			↓	↓	↓	FL	
5	Killdeer	PL	1			↓	↓	↓	NS	
6	Raven	PA	1			↓	↓	↓	FL	
7	W. Meadowlark	↓	1			UA/SS	↓	↓	NS	
8	Vesper sparrow	↓	1			↓	↓	↓	NS	
9	Vesper sparrow	↓	5			↓	↓	U24T111½	NS	
10	W. Meadowlark	↓	3			↓	↓	↓	↓	
11	Brewers sparrow	↓	1			↓	↓	↓	↓	
12	~~Savannah Sparrow~~	↓	~~3~~			↓	↓	↓	↓	
13	RW BB	↓	4			WM	↓	↓	↓	
14	Savanah Sparrow	↓	3			↓	↓	↓	↓	
15	Mourning dove	↓	1			↓	↓	↓	UN	
16	BH Cowbird	↓	1			↓	↓	↓	FL	
17	Raven	↓	2			↓	↓	U24T109½	FL	
18	Savanah Sparrow	↓	4			↓	↓	↓	NS	
19	Vesper Sparrow	↓	3			UF/SS	↓	↓	↓	
20	Brewers Sparrow	↓	4			↓	↓	↓	↓	
21	W. Meadowlark	↓	1			↓	↓	↓	↓	
22	Brewers sparrow	↓	5			UF/SS	↓	U24T109½	↓	
23	Mourning dove	↓	1			↓	↓	↓	LO	
24	Gr. Tailed towhee	↓	1			↓	↓	↓	UN	
25	Savanah Sparrow	↓	2			WM	↓	↓	NS	
	RW BB		3			↓	↓	↓	NS	

HABITAT CODES:
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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 12/28/00 JC

LOCATION: MV NWR
DATE: 5/17/99
CONDITIONS: clear, breezy 50's

BIRD DATA SHEET

BEGIN: 1330
END: 1500
OBS: L. Rawinski

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Avocet	SH	4			WM	SM	U24T113½	NS	
2	Song Sparrow	PA	1			EM	Med	↓	↓	
3	Meadowlark	|	1			UP/SS	—	U24T113½	FL	
4	Mourning dove	|	3			UP	—	U24T115½	UN	Clump of trees
5	Yellow Warbler	|	1			↓	—	↓	NS	↓
6	Hairy woodpecker	|	1			↓	—	|	FO	|
7	Yellow-rumped warbler	|	1			|	—	|	NS	|
8	Wilson's Warbler	|	1			|	—	|	UN	|
9	Starling	|	1			|	—	|	NS	↓
10	Cliff swallows	|	20			↓	—	|	FL	
11	Meadowlark	↓	1			WM	sm	|	NS	
12	Mallard	WF	1		6eggs	WM/DW	—	|	NS	Fresh 75-100% cov, 300' to H_2O
13	Snowy egrets	EG	2			WM	med	|	FL	
14	Savanah Sparrow	PA	1			|	↓	|	NS	
15	Song sparrow	↓	2			EM	↓	↓	NS	
16	Killdeer	PL	2			↓	Med	U24T115½	NS	
17	Marsh wren	MS	3			↓	↓	↓	NS	
18	BN stilt	SH	1			DW	↓	↓	FO	
19										
20										
21										
22										
23										
24										
25										

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Entered 12/28/00 KC

LOCATION: MVNWR
DATE: 5/17/99
CONDITIONS: clear 45°

BIRD DATA SHEET

BEGIN: 1030
END: 1330
OBS: L. Rawinski

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Marsh wren	MS	4			EM	Med	U4T111 S/2	NS	
2	RW BB	PA	2			↓	↓	↓	↓	
3	Common Yellowthroat	↓	1			↓	↓	↓	↓	
4	RW BB	↓	15			WM	LG	U10T111 N/2		
5	Snipe	MS	2			↓	↓	↓	↓	
6	Marsh Wren	↓	6			EM	LG	U10T111 S/2		
7	YH BB	PA	4			↓	↓	↓	↓	
8	Marsh wren	MS	5			↓	↓	U10T115 S/2		
9	Brewers Sparrows	PA				UP/SS	—	↓		
10	Mallard	WF	1		6 eggs	↓	↓	↓	↓	fresh, in grease wood
11	RW BB	PA	4			WM/EM	SM	U4T115 S/2		
12	W. Phalarope	SH	1			WM	Med	↓		
13	RW BB	PA	5			↓	↓	↓	↓	
14	Brewers Sparrows	↓	3			UP/SS	—	↓	UN	
15	Savanah Sparrow	↓	2			WM	SM	U4T115 N/2	NS	
16	Spotted sandpiper	SP	2			WM/OP	Sm	U4T113 N/2	UN	
17	W. Phalarope	SH	7			↓	↓	↓	FO	
18	BH Cowbird	PA	2			↓	↓	↓	UN	
19	Killdeer	PL ~~SH~~	2			↓	↓	↓	NS	
20	YH BB	PA	7			↓	↓	↓	↓	
21	RW BB	↓	6			WM	LG	U4T113 S/2	NS	
22	C. Snipe	MS	2			↓	↓	↓	↓	
23	Marsh Wren	↓	1			EM	↓	↓	↓	
24	Vesper Sparrow	PA	1			UPSS	—	U10113 S/2	UND	
25	BH Cowbird	↓	1			↓	—	↓	↓	

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LO = Loafing
FL = Flying
UD = Undetermined

Entered 12/7/00 KC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION: MVNWR
DATE: 5/17/99
CONDITIONS: Clear ~40°
slight breeze

BIRD DATA SHEET

BEGIN: 0845
END: 1030
OBS: L. Rawinski

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Cliff Swallows	PA	16			WM		U10T109 S/2	FL	
2	Barn Swallows	↓	6			↓		↓	↓	
3	Savanah Sparrow	↓	3			↓		↓	NS	
4	Marsh Wren	MS	6			EM		↓	NS	
5	WF Ibis	SH	3			↓		↓	FL	
6	YH BB	PA	12			↓		↓	NS	
7	Am. Avocet	SH	4			MF/SS		↓	FO	saltgrass/water
8	W. Phalarope	SH	3			↓		↓	FO	↓
9	C. Snipe	MS	1			WM		↓	UN	
10	RW BB	PA	12			WM		U10T109 N/2	NS	
11	W. Phalarope	SH	6			↓		↓	FL	
12	WF Ibis	SH	5			↓		↓	FO	
13	Brewers Blackbird	PA	10			UP/SS		↓	LO	
14	BH Cowbird	↓	4			↓		↓	↓	
15	Savanah sparrow	↓	1			WM		↓	NS	
16	MARSH WREN	MS	3			EM		U4T109 S/2	NS	
17	Harrier	RA	2			↓		↓	FL	NS?
18	W. Meadowlark	PA	3			WM		U4T109 N/2	NS	
19	Killdeer	PL	2			dike		↓	↓	
20	Sav sparrow	PA	1			WM		↓	↓	
21	Killdeer	PL	1			WM		U4T111 N/2	↓	
22	YH Blackbird	PA	20			↓		↓	↓	
23	Sora	MS	1			↓		↓	↓	
24	W. Meadowlark	PA	2			↓		↓	↓	
25										

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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 11/10/00 JC

LOCATION: Transect 75 ◇ STONE
DATE: 17 MAY 99
CONDITIONS:

BIRD DATA SHEET

BEGIN: 1005
END:
OBS: K. Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Meadowlark		1							
2	Wiph		11							
3	Snipe		1							
4	Marsh wrens		~4							hear
5	Mall ♀		1						LO	
6	MAll		3						FL	
7	Sparrows (Yellow eye line)	1	2						NS	
8	Sparrows (Sav?									
9	Sage Thrasher?		11							
10	Wilson Warbler								FO	
11	AmAV									
12	Cage		8							
13	Mall		10							
14	Kill									
15	WFIB Transect 79		15							
16	DOW "		~70							
17	Meadowlarks		~5+			edge of wetland				display
18										
19										
20										
21	AmAV		2,5		NOSH	2 5	6,3		NS	
22	WFIB	15 10	~10 10		Wiph	5 15	10 15		FO	
23	MALL 5	8 25	5 5 30		Raven	1				
24	GADW 4 2 5	5	1 5		AMBI	1				
25	CITE ~10 2	5 6 10	5 H 15							

Unit 2 / Unit 8 / Trans 77 □ Unit 8 / Tran 79 unit 8 / Trans 79 ◇ / Unit 2 / 79 Unit 8 Wetland Brun Emp. 79 = canal

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

77 = □
79 ◇

Entered 11/8/00 RC

LOCATION: Unit 8+2 transect 73
DATE: 17 MAY 99
CONDITIONS: Slight breeze, warm, 5% overcast

BIRD DATA SHEET

BEGIN:
END:
OBS: Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	MALL	WF			1/4 egg	sedge			NS	eggs fresh. Off Transect.
2	Snipe	SH	1"							
3	Pelican		15							
4	MALL		20							flushing pairs
5	NOPI		8							in pairs or threes
6	Marsh wren	PA	1							
7	Sparrows	PA	↑							
8	Red winged BB	PA	↑							
9	Sage thrasher	PA	1							
10	Kill	SP	II							
11	MODO		II							
12	MERLIN	RA	1							
13	Wigh	SH	II							1 displaying Nest like bird
14	Wigh	SH	1						NS?	N end of Transect 73 Unit 2
15	N Shov	WF	1						NS	
16	UNID RAIL (1)	MS	II							
17	Swainson's hawk	RA	1		Nest					IN Tree @ N end of 73, on
18										private land side. Unit 2
19										
20										
21										
22										
23										
24										
25										

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LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
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LG = Large [> 20 ac]

Entered w/also 2C

LOCATION: Transect 79
DATE: 17 MAY 99
CONDITIONS: clear, wind picking up @ 1345

BIRD DATA SHEET

BEGIN:
END:
OBS: Stone

9 unit 8

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	AmAV	14	12 10 10						NS	Shallowly flooded sg + greasewood flats
2	~~Ete~~ Redh		3							
3	Gwte		12							
4	Cont		5 10							
5	Nopi	6 2 3	5, 4							
6	Bwte		2							
7										
8	Kill		4 4							
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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NS = Breeding/Nesting
LO = Loafing
FL = Flying
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SIZE:
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Entered 11/8/00 KC

LOCATION: MVNWR
DATE: May 99 17
CONDITIONS: Sunny

BIRD DATA SHEET

BEGIN: 0700
END: 0915
OBS: Dunn / Howell

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Redwing BlkBird	PA	2			WM	S	UT16T57	LO	
2	Redwing BlkBird	PA	1			WM	M	UT16T61	FL	
3	Tern	TE	30			DW	S	UT16T63	FO	
4	Plover	PL	2			WM	S	UT16T61	FO	
5	?	RA	1			SS	L	UT1663	FO	
6	RWBlkBird	PA	3			EM	S	UT16T63	LO	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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SIZE:
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Entered 12/28/00 KC

LOCATION: MNWR
DATE: 5/18/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Horned Lark	PA	1	N/A	3 Eggs	UP/SG/Alkali	ME	U3T93½	Nesting - 3 eggs in Ground bowl under	
2	Savannah Sparrow	PA	3	N/A	N/A	WM	ME	U3T93½	UD	4" tall dist pc.
3	Common Snipe	MS	8	↓	↓	↓	↓	U3T91½	FL/FO	> Upland Area
4	Brewer's Sparrow	PA	2	↓	↓	UP	↓	U3T91½	UD	
5	Sage Thrasher	PA	1	↓	↓	↓	↓	↓	↓	
6	Killdeer	PL	8	↓	↓	WM	ME	U3T91N½	FO/NS?	
7	R-W. B. Bird	RA	10	↓	↓	↓	↓	↓	FO?	
8	Y-H. B. Bird	PA	10+	↓	↓	↓	↓	↓	FO	
9	Sage Thrasher	PA	2	↓	↓	UP	ME	U3T89N½	Calling	
10	Brewer's Sparrow	PA	4	↓	↓	↓	↓	↓	UD	
11	Mourning Dove	PA	10+	↓	↓	↓	↓	↓	NS?	
12	Vesper Sparrow	PA	2	↓	↓	↓	↓	↓	UD/NS?	
13	Savannah Sparrow	PA	2	N/A	N/A	WM	ME	↓	UD/NS?	
14	R.W. Blackbird	PA	10+	↓	↓	WM	ME	U3T89½	FO?	
15	Savannah Sparrow	PA	3	↓	↓	↓	↓	↓	↓	
16	Mallard	DNF	1	Nest	9 EGGS	EM	ME	U3T87½	Nesting 100% Inc, 9 Eggs fresh in small	
17	Marsh Wrens	PA	50±	Nest →	↓	↓	↓	↓	extraordinary density of Marsh Wrens in these small	outward area
18									Undisturbed bands of Cattails	
19										
20	Sora	MS	3	—	—	EM	ME	U3T87½	UD	
21										
22										
23										
24										
25										

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

Entered 12/13/00 JC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION: MV Nwr
DATE: 5/18/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Sora	MS	3	N/A	N/A	WM	ME	U3T99S/2	FO	
2	Am. Bittern	EG	2						FO	
3	Y.H.B. Bird	PA	25+						UD/Rock	
4	C. Snipe	MS	7						FL	
5	C. Snipe	MS	4					U3T99N/2	FL	
6	Killdeer	PL	2						FO	
7	W. Phalarope	SH	5					U3T97N/2	FO	Much water here!!
8	C. Snipe	MS	4						FL	
9	Y.H.B. Bird	PA	20+						FO	
10	Sora	MS	3					U3T97S/2	FO	
11	Killdeer	PL	4						FO/NS?	
12	C. Snipe	MS	5						FL	
13	Sora	UK	2					U3T95S/2	FO?	
14	Y.H.B. Bird	PA	10+						FO	
15	C. Snipe	MS	2						FL	
16	C. Snipe	MS	2					U3T95N/2	FL	
17	Y.H.B. Bird	PA	10+						FO	
18	Killdeer	PL	2						FO/NS?	
19	W. Phalarope	SH	4+N						FO	
20	Avocets	SH	4+6					Pt. Island N.	FO	
21	C. Snipe	MS	4					U3T93N/2	FL	
22	W. Phalarope	SH	2						FO	
23	Y.H.B. Bird	PA	3						FO	
24	Savannah Sparrow	PA	4						LO?	
25										

All of Unit 3 not "complete" but Burns Pas. Springs very little ponds + But very good! Wa appears

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Entered 12/13/00 JC

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LOCATION: K/UNWR
DATE: 5-18-99
CONDITIONS: Partly Cloudy [redacted]

BIRD DATA SHEET

BEGIN: 0800
END: 1430
OBS: MS

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	R.W. Blackbird	PA	3			WM	LG	U21T49N½	FO	
2	Y.H. Blackbird	PA	1			WM	LG	U21T49N½	FO	
3	N. Meadowlark	PA	1			WM	LG	U21T49N½	LO	
4	Pheasant	PA	2		1/0	UP	SM	U21T4[redacted]½	[redacted]NS	Not near transect
5	Mallard	WF	2			WM	SM	U21T4[redacted]½	FL	
6	Magpie	PA	1			UP	SM	U21T4[redacted]½	FL	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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Entered 11/10/00 JK

LOCATION: MVNWR
DATE: 5/18/99
CONDITIONS: Clear, cool/ 37°-4° Slight breeze

BIRD DATA SHEET

BEGIN: 750
END: 0900
OBS: L. Rawinski

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Brewer's Sparrow	PA	3			UP/SS	—	U10T117 3/4	NS	
2	Cliff Swallow	↓	1			↓	—	↓	FL	
3	Barn Swallow	↓	2			↓	—	↓	↓	
4	W. Meadowlark	↓	3			WM/GX	~~lg~~	U24T117	NS	
5	RAVEN	↓	1			↓	↓	↓	FL	
6	Savannah Sparrow	↓	4			↓	↓	↓	NS	
7	Cliff Swallows	↓	7			↓	↓	↓	FL	1
8	Common Snipe	MS	2			↓	↓	↓	NS	
9	Barn Swallow	PA	2			↓	↓	↓	FL	
10	Killdeer	PL	1			↓	↓	↓	NS	
11	Avocet	SH	9			↓	↓	↓	↓	
12	RW BB	PA	8			↓	↓	↓	↓	
13	WF IBIS	SH	3			↓	↓	↓	↓	
14	YH BB	PA	1			↓	↓	↓	↓	
15	MARSH WREN	↓	3			EM	SM	↓	↓	
16	EN SHT	SH	2			WM/GX	~~lg~~	U24T119	NS	
17	Killdeer	PL	4			↓	↓	↓	↓	
18	W. Phalarope	SH	4			↓	↓	↓	↓	
19	YH BB	PA	20			↓	↓	↓	↓	
20	RW BB	↓	5			↓	↓	↓	↓	
21	W. Meadowlark	↓	1			↓	↓	↓	↓	
22	Sav. sparrow	↓	3			↓	↓	↓	↓	
23	Song Sparrow	↓	1			EM	SM	↓	↓	
24	Vesper Sparrow	↓	1			UP/SS	—	↓	↓	
25										

HABITAT CODES:
EM = Emergent
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UP = Upland

* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

Entered 12/13/00 RC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION: MVNWR
DATE: 5/18/99
CONDITIONS: Clear 50°, slight breeze

BIRD DATA SHEET

BEGIN: 1030
END:
OBS: Lisa R

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Peregrine	RA	1			GX/WM	LG	U4T117 W½	FL	
2	cmpa	MS	1			↓	↓	↓	UN	
3	Mallard	WF	1		3 eggs Fresh	Tyla/Juba	LG	U4T117 S½	NS	1' to H_2O, 50% concealed
4	Sav. Sparrow	PA	1			W/M	LG	↓	↓	
5	Marsh wren	|	6			EM	|	U10T117 W½	↓	
6	RW BB	|	6			↓	↓	↓		
7	Mourning dove	↓	1			UP/SS	—	U10T123 W½	NS	1
8	BN Stilt	SH	4			OW/WM	LG	U24T123	NS	
9	Avocet	|	2			|	|	|	
10	W. Phalarope	↓	6			|	|	|	
11	RW BB	PA	12			↓	↓	↓	↓	
12	BN stilt NG#1	SH	6		4 eggs	WM	LG	U24T121	NS	
13	Avocet	↓	3			|	|	|	
14	Sav. Sparrow	PA				|	|	|	
15	W. Phalarope	SH	15			|	|	|	
16	LB Dowitcher	↓	~~#~~123			↓	↓	↓	FO/LO	
17	Goose	WF			3+ eggs					successful, 0% cover Juba
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

54
+69
123

Entered 12/13/00 JC

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LOCATION: IMVNWR
DATE: 5/18/99
CONDITIONS:

BIRD DATA SHEET

BEGIN: 0900
END: 1030
OBS: L Rawinski

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Brewers Sparrow	PA	4			UP/SS	—	U10T119 S/2	NS	
2	Mourning dove	↓	1			↓	—	↓	UN	
3	Marsh wren	↓	3			EM	LG	U10T119 N/2	NS	
4	Virginia rail	MS	1			↓	↓	↓	↓	
5	RW BB	PA	8			↓	↓	↓	↓	
6	AM. Bittern	EG	1			↓	↓	↓	↓	
7	Common Snipe	MS	2			WM	LG	↓	↓	
8	Brewers Blackbird	PA	6			UP/SS	—	↓	↓	
9	Raven	↓	1			↓	—	↓	FL	
10	BH Cowbird	↓	4			↓	—	↓	↓	
11	Song Sparrow	↓	1			EM	LG	U4T119 S/2	NS	
12	Marsh Wren	↓	4			↓	↓	↓	↓	
13	Brewers BB	↓	7			SS/ water Salt grass	Med	↓	↓	
14	Killdeer	PL	2			↓	↓	↓	↓	
15	Avocet	SH	4			↓	↓	↓	↓	
16	W. Phalarope	SH	2			↓	↓	↓	↓	
17	Sav Sparrow	PA	1			WM/SS	↓	↓	↓	
18	RW BB	↓	3			↓	↓	↓	↓	
19	YH BB	↓	12			↓	↓	↓	↓	
20	Snipe	MS	1			↓	↓	↓	↓	
21	Swainsons's hawk	RA	2			UP/SS	—	U4T119 N/2	FL	
22	Vesper Sparrow	PA	1			↓	—	↓	NS	
23	Sav. Sparrow	↓	6			↓	↓	↓	↓	
24										
25										

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Entered 12/13/00 JC

SIZE:
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LOCATION: Transect 81 — Steve

DATE: 18 MAY 99

CONDITIONS:

BIRD DATA SHEET

BEGIN:

END:

OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Redhead		20 20							old bulrush, pockets of open, deep H_2O
2	YH Blackbird		↑							
3	gb heron		1							
4	swallow									
5	NShoveler		2							
6	Coot		5 20							
7	Snipe		11							
8	Marsh wren									
9	MALL		8							
10	AmAV		8							
11	Cage		12							
12	NSB		2							
13	Wiph		30							
14	DCN		20							
15	gwtk		25							
16										
17	NftB		10		Kill					
18	YHB Bird		↑							
19	Cage		6, 2	~4						
20	cite		15							
21	Mall		20							
22	Nopi		5							
23	Wipk		30							
24	AmAV		10							
25	gwtk		15							

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Entered 1/8/00 RC

LOCATION: T81, 83 U — Stone

DATE: 18 MAY 99

CONDITIONS: → clear, no wind

BIRD DATA SHEET

BEGIN:

END:

OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
T81 U2										
1	Redhead ♂		1					T81 U2		flushed from thick ct but could not find nest.
2	Mall		5							
3	Raven		1							
T83								T83		
4	great horned owl		1					U2		
5	Red tail hawk		1							
U2										
6	marsh wren		1							
7	common yellow throat		1							
T83								T83		
8	Cage		2	4				U8		
9	Cage		2		3 fresh					
U8	Ruddy		~~50~~ 20							
10										
11	Red head		25							
12	eared grebe		5							
13	cattle egret		3							
14										
U17 Near T75										
15	Shov				7					
16	MALL				3 fresh			Unit 9		
17	~~Mall~~							T95N		
18										
U9										
19	Mall		1 ♂		1 fresh			U9 T93	S half.	off Transect
20	Mall		1 ♀		5 fresh			U9 T93	S half	" (15 ft)
21	Sora		4							
22	Amav		4							
23	Wigh		15							
24	Cite		70 pr							In pairs
25	marsh wrens		↑							

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FL = Flying
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SIZE:
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Entered 11/8/00 RL

LOCATION:
DATE: 17 + 18 MAY 99
CONDITIONS:

BIRD DATA SHEET

Stone

BEGIN:
END:
OBS:

	LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
18 MAY	1	Sparrow spec				4 (SS)	greasewood		T U17	Eggs bright blue (torquise) w/ black spots	
	2	MODO							T 93		Nest on transect, 125 yds from S ~~gate~~, post
	3										
19 MAY	4	YWAR							T 75½ U17		In cottonwood tree
	5	Say's phoebe							T 73		@ mid und
	6	~~SF~~ Mode									|
	7	V. sparrow									|
	8										
	9	BC Night heron		3					T 75½ U17		
	10	RW Blackbird		↑							
	11	Song Sparrow									
	12	cliff swal									
	13	N. Harrier	RA	2					T 75½ U17		Must have nest nearby
	14	Kill	SH								
	15	Marsh Wren	PA	↑							
	16	Mall ♀		1						flushed off transect (12-15 ft), did not find nest	
	17	" "		1						"	"
	18									found 1 predated (Avian) egg (Mall).	
	19	Vesper sparrow				Nest/3 eggs			T 77½ U17	Mid of South ½ of unit, ~ 3 ft W of C. line	
	20										
	21	Vesper? spar		↑					T 77½ U17		
	22	Snipe		2 ↑							
	23	RW Black Bird									
	24	Nops		2 ↑							Pair
	25	Marsh wrens									

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

73 □
75 ◇
77 □ ✓ computed

Entered 11/8/00 IKC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

· ? = Too many to count

LOCATION: MVNWR
DATE: May 15, 99
CONDITIONS: Sunny

BIRD DATA

GIN: 07.30
END: 01:00pm
OBS: Jane Hamlet

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE			COMMENTS
1	small Black w/white Bills		30			DW	SM			
2	Geese		2			DW	LG	5		
3	Hawk?		1			EM/SS	LG		FO	on tree when Circled
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
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Entered 12/28/00 JC

LOCATION: MVNWR
DATE: 5-18-99
CONDITIONS: sunny

BIRD DATA SHEET

BEGIN: 7:00
END: 2:00
OBS: Mac Cameron

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	geese	WF	4			DW	lg	U14T35N/2	LO	
2	ruddy	↓	5			↓	sm	↓	LO	
3	C teal		6				sm		FL	
4	coot		7				sm		FO	
5	red-head	↓	12			↓	sm	↓	FL	
6	geese	WF	25			WM	lg	U15T45N/2	FO	- only geese
7	avocet	SH	7			MF	sm	U15T47N/2	FO	
8	sprnters	↓	5			MF	sm	↓	FO	
9	mallard	WF	8		3	MF	me	↓	UD	- egg noted w/ants on them
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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FL = Flying
UD = Undetermined

SIZE:
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LG = Large [> 20 ac]

Entered 6/1/99. MC

LOCATION: MNWR
DATE: 5-19-99
CONDITIONS: Sunny

BIRD DATA SHEET

BEGIN: 7:00
END: 12:30
OBS: Mona Pauw

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	gadwall	WF	2			DW	SM	L20	LO	
2	avocets	SH	4				SM	U15T49½		
3	shovelers	WF	2				ME			
4	mallard	↓	5		3 eggs		SM		NS	
5	cin. teal	↓	7				ME			
6	gadwal	↓	2			↓	ME	↓	↓	
7	~~duck~~	~~↓~~	~~3~~							
8	geese	WF	8			EM	LG	U15T54½	FO	
9	gadwals	↓	4			↓	MD		↓	
10	mallard	↓	5			↓	LG		↓	
11	geese	WF	25			WM	~~LG~~ LG	U15T53½	LO	
12	avaset	SH	20			↓	SM	↓	↓	
13	coot	WF	30			↓	SM	↓	↓	
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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Entered 1/11/01 KC

LOCATION:
DATE: 5/19/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	C. Snipe	MS	5			WM	ME	U9T854/2	FL	
2	Am Bittern	MS/EG	1			EM	↓	↓	NS?	
3	Savanah Sparrow	PA	3			WM			NS?	
4	Mallard	WF	1		7 eggs	UP		U9T853/2	NS	
5	Pintail	WF	1		9 eggs	UP			NS	
6	C. Snipe	MS	3			WM/UP			FL	
7	Savannah Sparrow	PA	3			WM/UP			NS?	
8	Am Kestrel	SH	16+			UP Fields	Sm/ME	U9T877/2	NS?	
9	C. Snipe	MS	3			↓	↓	↓	FL	
10	Pintail	WF	1		9 Eggs/4	EM/WM	ME	U9T874/2	NS	Emergent/Sba Mix 50/50
11	Sora	MS	4			EM/WM			FO	
12	Am. Bittern	EG?/MS	1			EM			NS?	
13	Am. Bittern	?	3			EM/WM		U9T894/2	NS?	
14	Sora	MS	25+						FO	
15	C. Snipe	MS	20+						FL	
16	Marsh Wrens	PA	100's						NS	
17	Am Bittern	?	1			WM/EM		U9T895/2	NS	
18	Sora	MS	5						FO?	
19	Snipe	MS	5+						FL	
20	Avocet	SH	10+			UP Fields			NS?	
21	Snipe	MS	5			WM		U9T915/2	FL	
22	Sora	MS	2			↓			FO	
23	Avocet	SH	10			UP/OSH/FLD			FO	
24	Marsh wren	PA	100's			WM			NS	
25										

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Entered w hoko QC

SIZE:
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LG = Large [> 20 ac]

LOCATION: MVNWR
DATE: 5/19/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Vesper Sparrow	PA	10+	—		UP	ME	U11T141 S½		
2	Savannah Sparrow	PA	5	—		UP/WM	|	↓		
3	Forster's Terns	TE	3	—		WM	|	U11T141 U½		
4	WF Pairs (Red, Gin)	WF	25+	—		WM	|	↓		
5	Sage Thrashers	PA	5	—		UP	LG	U5T139		
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
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20										
21										
22										
23										
24										
25										

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Entered w/ Holos KC

LOCATION: MVNWR
DATE: 5-19-99
CONDITIONS: Partly Cloudy

BIRD DATA SHEET

BEGIN: 0730
END: 1416
OBS: MJ

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	RW. Blackbird	~~MS~~	5			WM	ME	U20T33 N½	UD/FL	
2	W. Meadowlark	PA	2			UP	SM	U20T33 N½	LO	
3	Mallard	WF	1			WM	SM	U20T31 N½	FO	
4	RW Blackbird	MS	2			UP	SM	U20T31 N½	LO	
5	Pheasant	PA	2			WM	ME	U20T27 N½	UD	
6	Kestrel	RA	1			UP	?	U20T21 N½	LO	Power line
7	Red Head	WF	1			DW	SM	U19T17 S½	FO	
8	Canada Geese	WF	3	4		WM	ME	U19T17 S½	LO	
9	RW Blackbird	MS	10			WM	ME	U19T17 S½	LO	
10	Mallard	WF	~~36~~			DW	SM	U19T13 S½	FO	
11	C. Teal	WF	2			DW	SM	U19T13 S½	FO	
12	N. Shoveler	WF	2			DW	SM	U19T13 S½	FO	
13	W. Phalarope	SH	3			DW	SM	U19T13 S½	FO	
14	Mallard	WF	7			DW	SM	U19T13 S½	FO	
15	Pintail	WF	2					U19T13 S½	FL	
16	RW BB.	MS	3			WM	ME	U19T13 S½	UD/FL	
17	C. Teal	WF	3			DW	~~SM~~	U19T13 S½	FO	
18	Swallow	PA	8			DW	SM	U19T13 S½	FL	
19	C. Geese	WF	2			WM	ME	U19T13 S½	LO	
20										
21										
22										
23										
24										
25										

HABITAT CODES:
EM = Emergent
WM = Wet Meadow
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland

* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

Entered w/o/cc MJ

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION: MVNWR
DATE: 5/19/99
CONDITIONS: clear, 45°, breezy

BIRD DATA SHEET

BEGIN: 0900
END:
OBS: L. Raumli

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer		4			WM	Med	UTT67½	NS	
2	Avocet		2			↓	↓	↓	↓	
3	snipe		1			↓	↓	↓	↓	
4	Bittern		1			EM	LG	UIT67	↓	
5	Marsh Wren		7			↓	↓	↓	↓	
6	RW BB		13			↓	↓	↓	↓	
7	YH BB		4			↓	↓	↓	↓	
8	Am Bittern		1			↓	↓	UIT69	↓	
9	Marsh wren		5			↓	↓	↓	↓	
10	Song sparrow		1			↓	↓	↓	↓	
11	Snowy egret		1			OW	↓	↓	LO	
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Trap #1 sign missing N

UT 67m signs missing

LOCATION:
DATE: 19 MAY 99
CONDITIONS: Sunny, warm, NO-slight breeze, 15% cloud cover

BIRD DATA SHEET

BEGIN: 1025
END:
OBS: K STone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	SORA							U17 N/2 T79		
2	Snipe									
3	Raven	RA	1							
4	Teal				6 fresh	Baltic Rush				off line ~20 yards
5	NOHA		1							
6								U17 S/2 T79		
7								U17 S/2 T	81 → NO H_2O	DRY
8	Amav							U17 N/2 T	81	
9	Marsh Wren									
10	Killdeer, Cite, Shov, Cagl									
11	Cage				4	Mat of bullrush				old thick, flooded bulrush
12	YH Blackbird									
13	Marsh wren									
14	eared grebe		1							
15	Cage		1	1	~3 eggs?				1 gosling @ Nest bowl, didn't go further to look @ eggs.	
16	↓				↓					
17	Cage				5				egg hatching (3 of 5)	
18	Cage								destroyed, Nest. Avian	
19	WfB		20						FL	
20	Mall								♂s flushing	out of flooded, old bulr
21	SORA		1							
22	BC Night heron	~20	25 20					U17 T83	NS? LO NS?	On thick, old bulrush
23	cattle egret	15	~15, 20						NS LO	@ edge of open H_2O
24	Mall				7/flush			mat of bulrush over H_2O		off transect
25	Mall	2 destroyed eggs in			on packet of	open		water in	thick bulrush.	Avian

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Near old goose structure

Blue eggs = cattle egrets
North end of Unit 17 T83 Nesting

GROUPS:
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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

79 ◇
81 □ elk(?) trails thru bulrush

Entered w/a/cos 2K

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION:
DATE: 19 MAY 99
CONDITIONS: See Back for Hab.

BIRD DATA SHEET

BEGIN:
END:
OBS: Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	SORA		1					U17, T83	S/2	
2	flushing pairs of Mall from thick			bulrush	, only	1 Nest found		U17, T83	N/2	
3	Marsh wren		↑					U17, T83	S/2	
4	AmAV							U18 T97	N/2	
5	SORA									
6	~~MAH~~				~~6/21 days~~					~~off transect.~~
7	Marsh Wren									
8	~~Mall~~		~~1 ♀~~							~~flushed But did Not find nest~~
9	Raven									
10	Sage Thrasher							U18 T97	S/2	
11	RW Blackbird									
12	Snowy egret									
13										
14	WFIB		2					Between	T97 & 99	U18 S half
15	NOPI ♂		3							
16	NOSH Pair		2							
17	Cite ♂		5							
18	Mall Pairs		4							
19	gt owl		1							In canal @ 1330
20	~~sparrows~~							U18 T 99	S/2	
21	WFIB		40					U18 T 99	N/2	
22	AmAV		1							
23	SORA		1							
24										
25										

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97 = □
99 ◇

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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Broken/depredated Mall eggs all along dike btwn U18 & U9

Entered 11/6/00 RC

LOCATION: MVNWR U18
DATE: 5-20-99
CONDITIONS: Sunny

BIRD DATA SHEET

BEGIN: 7:00 am
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Mallard	WF	4			EM		T85 & T87 N/2	FO	
2	Pint	WF	3			EM		↓	↓	
3	Egret	EG	1			EM		↓	FL	
4	Mallard	WF	9			WM		T89 + T91 N/2	FO	
5	C teal	↓	7			↓		↓	↓	
6	Spinners		5							
7	Egret	EG	2							
8	Avise	WF	3			↓		↓	↓	
9	Shallbird?		4		~~3 eggs~~	WM		T95 N/2	FL	nest destroyed
10	Geese	WF	7			WM		T93 & T95	LO	
11	C teal	↓	9			↓		N/2 ↓	FO	
12	Mallard	↓	10			↓		↓	FO	
13	Hawk?		2			WM		↓	FL	crazy bird came after me
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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SH = Shorebirds
EG = Egrets/Herons
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PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 1/19/01 RC

LOCATION: MVWMR
DATE: 5/[illegible] 20/94
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Morning Dove	PA	5			UP	LG	UST133	NS ?	
2	Say Thrasher	PA	3			↓	↓	↓	↓	
3	Common Snipe	MS	3			WM	↓	UU T133 N/2	FL	
4	Dabbler Pairs	WF	10 pr +			↓	↓	↓	NS/BR	
5	Am Avocet	SH	6			UP/FL	ME	UU T133 S/2	NS/FO	
6	W-F Ibis	EG	8			WM	ME	/	FO	
7	W. Meadowlark	SH	12			WM/UP	ME	↓	FO	
8	Brewer's Sparrow	PA	2			UP	ME	↓	SINGING	
9	W Meadowlark	SH	2			UP/FL	/	UU T131 S/2	FO / NS	
10	Am Avocet	[illegible]	2			↓	↓	/	FO / NS	
11	Horned Lark	PA	1			UP	/	UST131	SINGING	
12	Morning Dove	PA	3			↓	↓	↓	FL	
13	Brewer's Sparrow	PA	11			UP	LG	UST129	PE/SI	
14	Morning Dove	PA	5			↓	↓	↓	NS/FL	
15	W. Meadowlark	MS	11			WM	ME	UU T129 N/2	FO	
16	Common Snipe	[illegible]	1			↓	↓	↓	FL	
17	Savannah Sparrow	PA	2			↓	↓	↓	PE/SI	
18	Killdeer	PL	1		NS	UP/FL	ME	UU T125 S/2	NS	
19	Morning Dove	PA	1		1 Egg	UP	/	UST125	NS	
20	Brewer's Sparrow	PA	1			↓	↓	↓	SI	
21	Morning Dove	PA	2			/	/	UST127	FL	
22	Brewer's Sparrow	PA	2			/	↓	↓	UD	
23	W. Meadowlark	SH	2			UP/FL	/	UU T125 S/2	FO	
24	Killdeer	PL	1			↓	/	/	FO/NS	
25	Brewer's Sparrow	PA	2			UP	↓	↓	SI	

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SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined
PE - Perched
SI = Singing male

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 11/2/00 RC

LOCATION: MVNWR
DATE: 5/20/00
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Coots	BUF?	2	2 nests building		EM	LG	U18T107N	Both nest building but w/ no eggs	
2	W.F. Ibis	EG?	30+			"	"	"	Roosting (both on transect)	
3									and potentially nest building, but as	
4									completed nests and no eggs	
5	Yellow H. B.B.C.	PA	100+			EM	LG	U18T107N	NS	
6	Mallard Ducks	WP	30 ots						loafing	
7	Redhead Ps.	WP	10+						NS/BS	
8	Bittern	EG?	1						UD, FSA	
9	Sora	MS	1			WM	ME	U18T105N	FO/UD	
10	Snipe	MS	1						FO/NS	
11	Am. Bittern	EG	1						UD	
12	* W.F. Ibis	EG?	100s	~24 nests		EM	LG	U18T105N	NS	The island that the transect
13	Snipe	MS	1	all w/ 1 Eg		UP	ME	U18T103N	UD	transects has at least
14	Vesper Sparrow	PA	3						BD	24 Ibis nests on it
15										all w/ one egg
16	* Coyote Den (carc)		U18T103	middle marker		UP	LG	least	6e puppies in den	
17										
18	Avocet	SH	10			WM/SW	LG	T103N	FO	> Shallow OW ~6-12"
19	w. Phalarope	MS	100+						FO	
20										
21										
22										
23										
24										
25										

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WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 11/6/00 RC

LOCATION: Monte Vista NWR
DATE: 5-20-99
CONDITIONS: Clear

BIRD DATA SHEET

BEGIN: 0800
END: 1041
OBS: ME

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	B. Blackbird	PA	4			WM	ME	W9T11 S½	LO	
2	R.W. Blackbird	PA	2			WM	ME	W9T11S½	LO	
3	C. Geese	WF	5			DW	SM	W9T11 S½	FO	
4	N. Shoveler	WF	2			DW	SM	W9T11S½	FO	
5	Pintail	WF	2			DW	SM	W9T11S½	FO	
6	Mallard	WF	5			DW	SM	W9T11S½	FO	
7	C. Teal	WF	1			DW	SM	W9T11S½	FO	
8	Y.H. Blackbird	PA	3			WM	SM	W9T9S½	UD	
9	Snipe	SH	2			WM	ME	W9T9S½	FL	
10	W. Phalarope	SH	4			DW	SM	W9T9S½	FO	
11	Killdeer	SH	1			MF	SM	W9T9S½	UD	
12	B.C.N. Heron	EG	1			WM	ME	W9T9S½	FO	
13	C. Geese	WF	3			DW	SM	W9T9½	FO	
14	N. Shoveler	WF	1			DW	SM	W9T9S½	FO	
15	Mallard	WF	8			DW	SM	W9T9N½	FO	
16	Magpie	PA	2			UP	LG	W9T7S½	FL	
17										
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
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NS = Breeding/Nesting
LO = Loafing
FL = Flying
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SIZE:
SM = Small [< 5 ac]
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LG = Large [> 20 ac]

Entered 11/6/00 KC

LOCATION: U18
DATE: 20 MAY 99
CONDITIONS: See Back for hab.

BIRD DATA SHEET

BEGIN:
END:
OBS: Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Mall.				8 4days			U18 T101 N/2		15-ft E of center line
2	Sparrows							U18 T101 S/2		
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

101 ☐

elk scat in U18

Entered 11/6/00; JC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION:
DATE: 20 MAY 99
CONDITIONS: Warm, NE - slight breeze
0% cloud cover

BIRD DATA SHEET

BEGIN:
END:
OBS: STone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Kill Mdo							U17 T85	S/2	
2	Meadowlark									
3	RW Blackbird									
4	Snipe									
5	Sage Thrasher									
6	Vesper Sparrow									
7	~~Sora~~ NOha									
8	~~Marsh Wr~~									
9	Cage				5	In small island of bulrush;				Abandoned, Bowl wet
10	wfib				found	1 wing in BR, depredated				
11	SORA									
12	BH COWBIRD ♂									
13	Vesper Sparrow							U17 T87	S/2	
14	Sora									
15	Marsh Wren									
16	YH BBird									
17	MALL								Flushed pairs of Mall from flooded old BR	
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

BR = bulrush

97 = ♢

Entered 11/6/00 RC

Bird Data Sheets

Date

LOCATION: _____
DATE: _____
CONDITIONS: _____

BIRD DATA SHEET

BEGIN: _____
END: _____
OBS: _____

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Redwing Blkbird	Pa	30+		1/3	wm	Lg	U20T23 N/2	NS	
2	Phalarope	SH	15+		1/2	wm	Lg	U20T25 N/2	NS	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
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LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

entered 4-5-02 RV

Wetland ID
U#T# N/2
U20T25 N/2

LOCATION: _____
DATE: _____
CONDITIONS: 6/14/02

BIRD DATA SHEET

BEGIN: _____
END: _____
OBS: _____

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Cattle	egret	~	35-50+	on	nest				
2	Snowy	egrets	~	100+	on	nest				
3	Ibis		~	35-40	100+	on nests	w/eggs		all on West Point of Porter Pond N. of Island Colony	
4	BCNH		~	35-50		w/ Baccata	young			
5										
6										
7	* Some Snowys Hatching as I went through, BCNH are pretty much									
8	hatched, All Ibis still in the egg.									
9										
10	* lots of goose nests in here.									
11	+ Ibis??				w/ 3 eggs	nest to 3 goose eggs in Goose nest.				
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

Very large colony ↑

HABITAT CODES:
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GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

entered 4-5-02 RV

LOCATION: MNWLR
DATE: 6-14-99
CONDITIONS: partly cloudy

BIRD DATA SHEET

BEGIN: 7:30
END:
OBS: maria carreon

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	pheasant		3			UP		U14T23½	FO	
2	killdeer		4			SS		U14T23½	NS	distracting behavior
3	mallard		3			DW		U14T23½	LO	
4	cinn teal		5			DW		U14T29½	FO	
5	redwing BB		2			SS		U14T29½	FL	singing
6	Falcon		1			WM		U14T29½	FL	flying/swooping
7	gadwall		2			DW		U14T31½	FO/LO	
8	coot		1			DW		U14T31½	FO/LO	
9	redhead		2			DW		U14T31½	FO/LO	
10	ruddy		5			DW		U14T31½	NS	male breeding behavior
11	mallard		2			EM		U14T31½	LO	cleaning feathers
12	avocet		2		1/3	EM		U14T33½	FL	dive-booming
13	[redacted]wren		3			SS		U14T33½	FO	
14	killdeer		6			EM		U14T33½	FL	distracting behavior
15	coot		3		chicks	DW		U14T33½	LO	watching young
16	Mallard		2			DW		U14T33½	LO	
17	ruddy		8			NS		U14T33½	NS	breeding bel
18										
19										
20										
21										
22										
23										
24										
25										

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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

entered 10/30/00 JC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION:
DATE: 6/14/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer	PL	20+			WM	LG	U3T107½	NS/FO	
2	Avocet	SH	50						NS/FO	
3	Snipe	MS	3						FL	
4	Phalarope	SH	10+					"	FL/FO	
5	Yb Bbl	PA	20					U3T105½	FO	
6	~~Phalarope~~ Snipe	SH	2+						FL	
7	Coot	WF	1		8 eggs	EM	SM	U3T103½	NS	
8	Snipe	MS	3+			WM	LG	U3T103 S½	FL	
9	Y.H. B.Bbl	PA	15+			WM	LG	U3T103 N½	FO/UD	Perched in Wooded Tree
10	R.W. Bird	PA	1		3 eggs	WM	LG	U3T104 N½	NS	Nest in FL Tree Abv @ 3rd Tree ~21" Tall Coll NG
11	Snipe	MS	3+			WM	LG	"	FL	
12	Snipe	MS	4+			WM	LG	U3T104 S½	FL	
13	Snipe	MS	1						FO	
14	Snipe	MS	2+						FL	
15	Coot	MS	2			WM	LG	U3T99 S½	UD	
16	Snipe	MS	3+						FL	
17	Y.H. Bbl	PA	10+						FO/NS	
18	R.W. B.Bird	PA	1	3	1	WM	LG	U3T99 N½	NS	N. in NG Tree ~18'
19	Swainson's Hawk	RA	2	?	Nest	UP	ME	U3T97 S½	NS	nest near top and leaves badly under weight
20	Snipe	MS	5+			WM	LG	U3T97 S½	UD/SI	
21	Killdeer	PL	2			WM	"	"	UD/NS	> adults sit at nest in
22	Snipe	MS	3			"	"	U3T95 S½	UD/NS	~30' Cottonwood
23	Avocet	SH	10+					"	UD/NS	
24	Killdeer	PL	3					U3T95 N½	UD/FO	> On extreme N. boundary
25	Phalarope	SH	10+						"	

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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined
SI = Singing

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

entered 11/2/00 RC

LOCATION:
DATE: 6/14/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer	PL	5+	—	—	WM	LG	U3T93 N½	FO/NS/UD	
2	Pheasantspe	SH	5	—	—	|	|	U3T93 S½	FO/FL	
3	Killdeer	PL	2	—	—	|	|		FO/FL	
4	Snipe	MS	2	—	—	|	|		FL	
5	Sora	~~MB~~ MS	1	—	—	WM	LG	U3T91 S½	~~FL~~ UD	
6	Snipe	~~MS~~ MS	3	—	—				FL	
7	Y.H. BBC	PA	1	—	3 eggs	~~WM~~ EM	LG	U3T91 S½	NS	Nest in NB Tyler 1
8	Am. Bittern	MS/EG	1	?	?	"	"	"	NS?	
9	Phalarope	~~SH~~ SH	4	—	—	WM	LG	U3T91 S½	NS? UD/FL	
10	W.F. Ibis	EG	30	—	—	1	1	1	FO	
11	Brewers Sparrow	PA	2	—	—	UP	ME	U3T91 N½	SI	
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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Entered 11/2/00 JC

LOCATION: M.NWR
DATE: 6/14/99
CONDITIONS: Mostly Sunny w/ slight breeze

BIRD DATA SHEET

BEGIN: 0830
END: 1404
OBS: MF

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	RW. Blackbird	PA/MS	8			WM	SM	W6T55N½	FL/LO	
2	Killdeer	MS	1			MF	SM	W6T55N½	FL	
3	R.T. Hawk	RA	1			WM	ME	W6T57N½	FL	
4	W. Meadowlark	PA	1			UP	LG	W6T55½	LO	Calling
5	Teal	WF	2			DW	SM	W6T60N½	FO	
6	Shoveler	WF	2			DW	SM	W6T60N½	FO	
7	Killdeer	MS	3			MF	SM	W6T60N½	FL	Feigning
8	W. Phalarope	MS	1			DW	SM	W6T60N½	FO	
9	Vesper	PA	1			UP	LG	W6T60S½	FL	
10	R.W. Blackbird	PA/MS	5			WM	SM	W6T65S½	FL/LO	
11	Brewers BB	PA	1			UP	ME	W6T65S½	FL	TG7
12	Gadwall	WF	2			DW	SM	W6T65S½	FO	TG7
13	A. Avocet	SH	2			MF	SM	W6T65S½	FO	
14	W. Phalarope	MSSH	3			DW	SM	W6T65S½	FO	
15	Teal	WF	1			DW	SM	W6T65S½	FO	
16	Mallard	WF	3			DW	SM	W6T65S½	FO	
17	W.F. Ibis	SH	2			MF	SM	W6T65S½	FO	
18	G.B. Heron	EG	1			MF	SM	W6T67S½	FO	
19	A. Avocet	SH	2			MF	SM	W6T69N½	FO	
20	R.W. BB	MS	4			EM	SM	W6T69N½	FL	
21	Coot	WF	2			DW	SM	W6T69N½	FO	
22	Redhead	WF	2			DW	SM	W6T71S½	FO	
23	R.W. B.B.	PA	5 (count)	3	1	EM	SM	W6T71S½	FL	
24										
25										

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LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered w/ Excel

Cont Sheet.

LOCATION: MVNWR
DATE: 11/14/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Mallard	WF	2			MF	SM	W6T7S½	LO	
2	N. Shoveler	WF	2			DW	SM	W6T7S½	FO	
3	VHB.B	PA	1			EM	SM	W6T7N½	FO	
4	RWBB.	PA	10			EM	SM	W6T7N½	FL/FO/NS	
5	Gadwall	WF	5			WM	ME	W6T7N½	FL	
6	S. Egret	EG	2			MF	SM	W6T7N½	FO	
7	W.F. Ibis	SH	2			MF	SM	W6T7N½	FO	
8	Snipe	SH	4			MF	SM	W6T7N½	FL/LO	
9	W. Phalarope	SH	4			DW	SM	W6T7N½	FO	
10	Mallard	WF	13			DW	SM	W6T7N½	FO	
11	B.W. Teal	WF	1			DW	SM	W6T7N½	FO	
12	Redhead ♂	WF	2			DW	SM	W6T7N½	FL	
13	A. Avocet	SH	10			MF	SM	W6T7N½	FO	
14	Killdeer	SH	4			MF	SM	W6T7N½	FO	
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION: MNWR
DATE: 6/14/99
CONDITIONS: few clouds 45°

BIRD DATA SHEET

BEGIN: 0750
END: 0915
OBS: L Rawiosk

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	RW BB	PA	2			WM	SM	U24T109N/2	NS	
2	W. Phalarope	SH	2			↓	↓	↓	↓	
3	Vesper Sparrow	PA	1			SS	—			
4	Mourning dove	↓	2			↓	—		↓	
5	Swamah sparrow	↓	3	4	1	WM	SM	U24T109S/2		
6	BH Cowbird		4			↓	↓	U24		
7	Brewers Sparrows	↓	1			SS	—	↓	↓	1
8	RW BB		6			UP/SS	—	U24T111S/2	UN	
9	Savanah sparrow	↓	2						NS	
10	BH Cowbird	↓	1					↓	UN	
11	C. Raven		4					U24T111N/2	FL	
12	Brewers Sparrow		1						NS	
13	Vesper sparrow	↓	1			↓			↓	
14	Mourning dove	↓	1		1/2	↓	↓			
15	Savannah sparrow	↓	3			WM	SM			
16	W. Phalarope	SH	4			↓	↓			
17	RW BB	PA	2				↓	↓	↓	
18	Snipe	MS	2			↓	↓	↓	↓	
19	Marsh Wren	PA	6	3+4 nest	1	EM	LG	U1CT111S/2		
20	Song Sparrow	↓	1			↓	↓	↓	↓	
21	C. Yellowthroat	↓	1			↓	↓	↓	↓	
22	C. Snipe	MS	4			WM	↓	↓	↓	
23	W. Phalarope	SH	4			↓	↓	↓	↓	
24	RW BB	PA	6			↓	↓	↓	↓	
25	WF Ibis	SH	1			↓	↓	↓	↓	

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BEHAVIOR:
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LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
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LG = Large [> 20 ac]

Entered 2/6/01 KC

LOCATION: MVNWR
DATE: 6/14/99
CONDITIONS: Clear Breezy 50's

BIRD DATA SHEET

BEGIN: 0915
END: —
OBS: L. RAWINSKI

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	RW BB	PA	7		1/4eggs	WM	LG	U4T111 N/2	NS	
2	Snipe	MS	2			↓	↓	↓	↓	
3	Sora	MS	3			EM	ME	U4T111 S/2		
4	C. Yellowthroat	PA	2			↓	↓			
5	V. rail	MS	1							
6	Marsh Wren	PA	4			↓	↓	↓	↓	
7	Brewers Sparrow	↓	1			UP/SS	—	↓		
8	WF Ibis	SH	2			WM	LG	U4T111 N/2		
9	RW BB	PA	2		1/2eggs	↓	↓	↓		
10	W. Phalarope	SH	1							
11	YH BB	PA	6		1/eggs2young					
12	Killdeer	PL	1			↓	↓	↓		
13	Brewers Blackbird	PA	12			weeds	U4road	U4T109 N/2	NS	
14	Horned lark	↓	2			↓	SM	↓	↓	
15	Killdeer	PL	2				↓			
16	spotted sandpiper	SP	1							
17	Savanah sparrow	PA	1			↓	↓	↓	↓	
18								U4T109S/2		
19										
20										
21										
22										
23										
24										
25										

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UD = Undetermined

SIZE:
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LG = Large [> 20 ac]

Entered 2/1/01 RC

LOCATION: MUMM Unit 7.
DATE: 6-14-99
CONDITIONS: Sunny 65°F

BIRD DATA SHEET

BEGIN: 10⁰⁰
END: 12⁰⁰
OBS: Schwabedissen

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Avocets	SH	130	None	Few Just Starting	WM+MF	LG	Unit 7 T59, S+N	NS	
2	Stilts		2							
3	Phalarope		35							
4	Killdeer		30							
5	Snipe		5							
6	Egret	EG	5							
7	Ibis		10							
8	Avocet	SH	65					Unit 7	NS	
9	Snipe		10					T61, S+N		
10	Phalarope		30							
11	Killdeer		20							
12	Egret	EG	2							
13	Ibis		7							
14	Avocets	SH	200+			WM+MF		T63, Unit 7 N+S		
15	Phalarope		75							T67/71 missing
16	Killdeer		80							
17	Snipe		10							
18	Egret	EG	1							
19	Ibis		6							
20	Avocets	SH	150					Unit 7 T65, N+S		
21	Stilts		2							
22	Phalarope		60							
23	Killdeer		85							
24	Snipe		4							
25	Ibis	EG	12							
	Black Crowned		3							

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 7/16/99 KC

* These numbers are just wild ass guesses. I could be rolling these birds ahead of me and double/triple counting. Either way there are a hell of a bunch of shorebirds here.

LOCATION:
DATE: 4 June 99
CONDITIONS:

BIRD DATA SHEET

BEGIN: Early Am
END:
OBS: K Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Unid Teal	WF	~2	NA	NA	WM	ME	U8T73 ⅓s	flushing (UD)	foraging or Nesting? off i
2	RW BB		—							
3	Snipe	SH				WM	M	U8T73 ⅓s	NS	"drumming"
4	Wipit	SH	~15	—	NEN found	WM	sm	"	NS	defending, feigning
5	Unid waterfowl	WF	—	—	1	WM	me	"	—	NEST depredated, bowl + eggshells stirred up
6	↓	↓								
7										
8	~~Unid~~ Mall	WF			Egg depredated"			"	~~Egg~~	
9	KILL	SP	"		—	UP	sm	"	NS	Near Center post
10	Sage Thrasher	PA	1	—	—	SS		U8T73½	NS	signing
11	Vesper?	PA	1	—	—	SS		↓	NS	signing
12	Song Sparrow	PA	"			↓		↓	↓	↓
13	Brewers BB	PA	↑			↓	↓	↓	↓	
14	Meadowlark K	PA	1		—	UP		↓	UD	signing
15	Sage Sparrow??									
16	AMBI	EG				EM	sm	U2T73	flush UD	flushed from sm pocket of CT
17	Wipit	SH	11			WM		↓	NS	~~Sight~~ Flush
18	COSI	SH	1			↓		↓	↓	signing
19	RW BB	PA	↑			↓		↓	↓	↓
20	ferg. hawk	RA	1	—	1	Tree	—	U2T73½	NS	in tree on U2 N boundary
21	Marsh Wren	PA	111	—	Nests	EM	SM	U2T75	NS	defending in CT
22	~~sparrow~~	PA								
23	AmAV	SH	2	—	—	WM		U8T75 C	FL	
24	KILL	SH	1			WM/MF		↓	NS	
25	WFIB		1			"		↓	FO	

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FL = Flying
UD = Undetermined

T73 □

SIZE:
SM = Small [< 5 ac]
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Entried 1/11/01 KC

LOCATION: U7.
DATE: 6-14-99
CONDITIONS: Sunny 55F°

BIRD DATA SHEET

BEGIN: 0700
END:
OBS: Schmeckpeper

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Avocets	SH	110			WM+MF	LG	U7T55S	NS	
2	W. Willet ***		1							Never seen one here during spring
3	Phalarope		75							
4	Killdeer		20							
5	— Blackbird									
6	Snipe	SH	4							
7	Gull	GU	1							
8	Avocets	SH	80					U7T55N		
9	Phalarope		50							
10	Killdeer		20							
11	Stilt		3							
12	Snipe		5							
13	Egret	EG	3							
14	Ibis		7							
15	Avocets	SH	175					U7T57S+N		
16	Phalarope		150							
17	Killdeer		50							
18	Stilt		1							
19	Snipe		2							
20	Ibis	EG	5							
21	Egrets		1							
22										
23										
24										
25										

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* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

These numbers are just wild ass guesses. Looks like I could be rolling the birds in front of me and double counting them. Either was there were a hell of a lot of shorebirds here.

Entered 1/10/01 RC

sg = salt grass

LOCATION:
DATE: 14 June 99
CONDITIONS:

BIRD DATA SHEET

BEGIN: Mid Morning
END:
OBS: K Stone

C = center of transect

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	RW Blackbird?	PA		5	1/5 Young	~~EM~~ WM		U8T755/2		
2	WIPH	SH	II	–	–	~~EM~~ WM		↓	FL/NS	
3	COSI	SH	I	–	–	~~EM~~ (sg) WM		↓	NS	
4	Unid duck	WF	I	–	–	UP	–	↓	–	depredated egg
5	LOFIB		I	–	–	EM	SM	U8T755/2	FO	
6	Raven		I	–	–			U8T779/2	FT	
7	AmAV		I	–	–			↓	NS	AmAV attacking Raven!
8	Horned Lark	I	I		Suspect	UP (AK)	SM	↓	NS	
9	Mall	III WF	III	–	–	WM	SM	|	FO/LO	
10	gadw	IV ↓	II	–	–	WM	↓	|	↓	
11	Teal	IB ↓	III	–	–	WM	↓	↓		
12	AmAV? spotted egg	SH	I	–	1 egg	WM	↓	↓	DE	depredated
13	RWBB	PA	↑					↓	FO/NS	
14	UNID DUCK (mall?)	WF	I		1 egg			U8T77C	DE	depredated egg
15	WIPH	SH	I					U8T777/N	FL	
16	~~Mammal~~ den coyote	mammal	I	–		UP		↓	–	greasewood
17	sparrow	PA	↑			UP		↓	NS	greasewood, ~~singing~~ singing
18	W. Meadowlark	PA	II			UP		↓	NS	singing
19	cik, mall, gadw	WF	3			WM/DW		U2T77	FO	In canal
20	Red winged Blackbird?	PA		2	1/2	WM		↓		Nest in BR
21	Marsh wren	PA	↑			EM		↓	NS	
22	Bute	WF	2	–	–	DW		U2T77N	FO	In canal @ N end
23	Raven		I					↓	FL	
24	SORA	MS	I					U2T75N	NS	Singing
25										

HABITAT CODES:
EM = Emergent
WM = Wet Meadow Both ends
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland
AK = alkali flat
* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined
DE depredation

77 ☐ egg or Nest in A or R.

79 ◇

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

* Amav attacking raven

*Nest in BR

Entered 1/19/01 JC

LOCATION:
DATE: 14 JUNE '99
CONDITIONS: Slight breeze, warm, ~~40~~ 30% overcast

Amav - defending, feeding
Attacking RAVENS, No young observed.

BIRD DATA SHEET

BEGIN:
END:
OBS: K. Stone

(C = center of transect)

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	egret snowy	EG	1	—	—	—	—	U2T79	FL	
2	RWBlackbird	PA	↑	—	Suspect	WM		|	NS	defending
3	Wipk	SH	1	—	" — "	wm		|	FL	
4	meadowlark	PA	1	—	—	up/WM		↓	UD	
5	C. yellowthroat	PA	11	—	—	EM	SM	↓	NS	singing
6	YH BB	PA				EM	"	↓	↓	↓
7	Mall cite gadw	WF	12	—	—	EM/WM	"	"	UD (FO/LO)	
8	Unid duck male?	WF	1	—	1	up	"	U2T79S	DE	
9	Raven		2					↓	FL	
10								~~U8T79½~~		
11	Amav	SH	4 ~~3~~ 2		suspect	~~FLgw~~ FLsg		U8T79+81½	FO/NS	flooded greasewood sg
12	RWBB	PA	↑			MF/WM		|	NS	
13	WFIB	EG	1 5			↓		↓	FO	
14	mall	WF	1			↓		↓	FO/LO	
15	Cago	WF	1	—	egg	UP	—	U8T79½	DE	
16	dabbling ducks	WF	~15			MF/WM		U8T79+81½	FO	
17	Wipk	SH	5			MF/WM		U8T79	FL	
18	Killd	SH	5?			FLsg		U8T79C	NS	
19	Amav	SH	~8			FLsg/FLgw		"	NS	
20	WFIB		5	—	—	~~EMT~~ WM		U8T79	FO	In ~~flooded~~ BRush
21	Killd		5+			MF		U8T79½	NS	+ spike rush
22	Amav		2 "			WM		|	NS	
23										
24										
25										

HABITAT CODES:
EM = Emergent
WM = Wet Meadow
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland
FLgw = flooded greasewood
* = spp. unconfirmed
FLsg = flooded saltgrass

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

D (Mint (?) growing on ditch T79, N end U2.

DE - depredated egg/nest

Entered 1/19/01 KC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

79◊

LOCATION: MNWLR
DATE: 6-15-99
CONDITIONS: sunny

BIRD DATA SHEET

BEGIN:
END:
OBS: Maria Carreon

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	coot		6	3 chicks		DW		U14T35N/2		watching young
2	ruddy		24			DW		U14T35N/2	NS	breeding Behavior
3	red head		12			DW		U14T35N/2	FL	
4	yellowhead BB		6			DW		U14T35N/2	FO	
5	shoveler		1			DW		U14T35N/2	LO	
6	grebes		7		1	DW		U14T35N/2	NS	laying on nest 1 of 3 trans
7	redhead		4			DW		U15T37N/2	LO	
8	shoveler		2		1/6	EM		U15T39S/2	NS	10ft from the nest Hayes
9	AVOCETS		12			SS/WM		U15T39S/2	DS	distractive behavior
10	killdeer		6			SS/WM		U15T39S/2	NS	" " "
11	phalarope		3			DW		U15T39S/2	FO	
12	shovelers		2			DW		U15T39S/2	LO	
13	coots		5			DW		U15T39S/2	LO	
14	gadwall		4			DW		U15T39S/2	~~FL~~ LO	were in pair
15	avocets		6			SS		U15T41S/2	DS	flooded grease wood
16	killdeer		10			SS		U15T41S/2	NS	" " "
17	coot		4			DW		U15T41S/2	LO	
18	AVOCET		5			SS		U15T43S/2	FO	flooded grease wood
19	killdeer		3			SS		U15T43S/2	FO	" " "
20	cinn teal		6			DW		U15T45S/2	LO	
21	ruddy		5			DW		U15T45S/2	LO	
22	coot		17			DW		U15T45S/2	LO	
23	Bittern		1			WM		U15T43N/2	FL	
24										
25										

HABITAT CODES:
EM = Emergent
WM = Wet Meadow
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland

* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

entered 10/31/00 JC

LOCATION: MVNWR
DATE: 6/15/99
CONDITIONS: partly cloudy, high 40's

BIRD DATA SHEET

BEGIN: 0800
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Brewers Blackbird	PA	1			UP/SS	—	W0T113½	NS	
2	W. Meadowlark	↓	1			WM	LG	↓	↓	
3	Savannah Sparrow		1			↓	↓			
4	RW BB	↓	3	4 yng juv	1	↓	↓	U24T113N½		
5	YH BB	↓	6			↓	↓	↓		
6	Avocet	SH	12			mud/salt	↓			
7	BN Stilt	↓	2			↓				
8	Marsh wren	PA	1			EM		↓		
9	Avocet	SH	2			WM	↓	U24T113S½		
10	Brewers sparrow	PA	1			UP/SS	—	↓	FL	
11	Great-tailed grackle	↓	2			↓	—	U24T115S½	NS	
12	Yellow warbler		1			Trees	—	↓	↓	
13	Song sparrow		1			↓	—			
14	Starling	↓	3			↓	—			
15	Black terns	GU	8			OW	LG	↓	FO	
16					1/8	EM	LG	U10T115S½		Nest N end of cattails
17	Brewers Sparrow	PA	1			UP/SS	—		NS	
18	Sage Thrasher	↓	1			↓			↓	
19	Vesper sparrow	↓	1			↓			FO	
20	WF Ibis	SH	20			WM	LG	U4T115S½	NS	
21	Phalarope*	SH	8			↓	↓	↓	↓	
22	C. Swift	MS	2							
23	Avocet	SH	6							
24	RW BB	PA	6							
25	YH BB	PA	4			↓	↓	↓	↓	

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

Entered 2/6/01 KC

LOCATION:
DATE: 6/15/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Snipe	MS	3+			WM	LG	U3T87½	FL	
2	Virg. Rail	MS	1						NS? / UD	
3	Sora	MS	3						NS? / UD	
4	Am. Bittern	EG	2						UD / NS	
5	Savannah Spr.	PA	3			UP	ME	U3T87 N½	SI	
6	C. Snipe	MS	3+			WM	LG	U3T87 N½	FL	
7	Killdeer	PL	4						FL / NS?	
8	R-W.B. Bird	PA	1		NS / 3 EGGS				NS	Nest in Carp (leaning)
9	Killdeer	A	2			WM	LG	U3T85 N½	UD	
10	Avocet	SH	3			1	1	1	1	
11	Am Bittern	EG	1			EM	LG	U3T85½	UD / NS?	
12	Marsh Wrens	PA	1						NS	
13	Virginia Rail	MS	1						UD / NS?	
14	Sora	MS	1							
15	Am. Bittern	EG	1						UD / NS?	
16	C. Snipe	MS	1						FL / FO	
17	Killdeer	PL	2			WM / UP	LG	U9T85½	FL / FO / NS	
18	Swamp Sparrow	PA	3						SI	
19	Killdeer	PL	4			WM / UP		U9T83 N½	FL / NS	
20	Phalarope	SH	5						FO / NS	
21	Savannah Sparr.	PA	3						SI	
22	Pintail	WF	1		1 / 5 / 10a	UP / FL	LG	U9T107 N½	NS	15' W of Center 10 days old in Cela.
23	R.W.B. Bird	PA	1	3	1/1	WM	LG	11	NS (on Stalk)	
24	Am. Avocet	SH	4+						NS / FL	
25	BW. Shilt	SH	4						NS / FL	

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BEHAVIOR:
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NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

Entered 2/16a. RC

LOCATION:
DATE: 6/15/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer	PL	4+	—	—	WM/FLUP	LG	U9T107½	NS	
2	Pintail	WF	1+(7)	7	—	↓	↓	↓	NS	
3	W. Phalarope	SH	5	—	—	↓	↓	↓	NS	
4	Y.H.B.B'd	PA	1	—	1/3	↓	↓	U9T102½	NS	
5	B.N. Stilts	SH	30+	—	—	UP(FL)	↓	U9T105½	NS/FO/	
6	Avocets	SH	30+	—	—	UP(FL)	↓	↓	↓	
7	Killdeer	PL	10+	—	—	↓	↓	↓	↓	
8	C. Snipe	MS	5+	—	—	↓	↓	↓	↓	
9	R.W.B.Bd	PA	1	—	1/1	WM	LG	↓	NS	in Casp ~14" above Hz
10	W. Phalarope	SH	20	—	—	UP/FL	↓	↓	NS/	
11	Cackwall	WF	1	—	1/5eggs	WM	LG	U9T105½	NS+ in	Tube/Casp with ○ aerial cover
12	Sora	MS	2	—	—	WM	LG	U9T105½	UD/NS	
13	Killdeer	PL	3	—	—	↓	↓	↓	FO/FL	
14	Phalarope	SH	4	—	—	↓	↓	↓	FO	
15	Mallard	WF	1	—	1/8/2d	↓	↓	U9T103½	NS-	80% Tube/20% Cole ○ aerial cover
16	Avocet	SH	10+	—	—					
17	Phalarope	SH	5+	—	—	UP(FL)	LG	U9T103½	NS/UD/FO	
18	Killdeer	PL	5+	—	—	↓	↓	↓	↓	
19	B.N. Stilts	SH	15+	—	—	↓	↓	↓	↓	
20	Sora	MS	1	—	—	WM	LG	U9T103½	SI	
21	L. Yellowlegs	MS	1	—	—	UP(FL)	LG	U9T103½	UD/NS???	~~Mallard~~ In canopy Stilts
22	Avocet	SH	25	—	—	UP(FL)	↓	↓	NS	
23	B.N. Stilts	SH	20	—	—	↓	↓	↓	↓	
24	W. Phalarope	SH	40	—	—	↓	↓	↓	↓	
25										

HABITAT CODES:
EM = Emergent
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DW = Deepwater
UP = Upland

* = spp. unconfirmed

GROUPS:
TE = Terns
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PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 2/16/00 KC

LOCATION: MVNWR
DATE: 4/15/99
CONDITIONS: Partly Cloudy

Prairie Land F

BIRD DATA SHEET

BEGIN: 0830
END: 1246
OBS: MZ

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	M. Dove	PA	1			UP	LG	U19T1S½	NS	
2	R.T. Hawk	RA	1			UP	LG	U19T3N½	FL	
3	M. Dove	PA	2			UP	LG	U19T3S½	FL	
4	E. Towhee	PA	1			UP	ME	U19T5S½	FL	
5	M. Dove	PA	1			UP	ME	U19T5S½	FL	
6	Gadwall	WF	1			WM	SM	U19T7N½	FO	
7	Teal B.W.	WF	4			DW	ME	U19T9S½	FO	
8	Gadwall	WF	2			DW	ME	U19T9S½	FO	
9	Mallard	WF	2			DW	ME	U19T9S½	FO	
10	Redhead	WF	2			DW	ME	U19T9S½	FO	
11	Snipe	SH	1			WM	SM	U19T9N½	FL	
12	Teal *	WF	2			WM	SM	U19T9N½	FO	
13	Mallard	WF	2			WM	SM	U19T9N½	FO	
14	Killdeer	SH	1			WM	SM	U19T9N½	FO	
15	R.W.B.B	PA	2			WM	SM	U19T9S½	FL	
16	Mallard	WF	1			DW	SM	U19T11S½	FO	
17	Redhead	WF	2			DW	SM	U19T11S½	FL	
18	RWBB	PA	6		2/6	WM	ME	U19T11S½	LO/NS	calling
19	Brewers B.B	PA	2			WM	ME	U19T11S½	FL	
20	W. Meadowlark	PA	1			UP	ME	U19T11S½	LO	calling
21										
22										
23										
24										
25										

HABITAT CODES:
EM = Emergent
WM = Wet Meadow
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland

* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
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MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 10/30 RC

Not seeing waterfowl hens on open H_2O like I did in May

LOCATION:
DATE: 15 June 99
CONDITIONS:

BIRD DATA SHEET

C = Center of Transect

BEGIN:
END:
OBS: Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	RedH	WF	5	4		OW	SM	U8T8 1 3/2	UD	
2	Amav	SH	IIII						NS	H_2O ↓ so Amav Nesting here now
3	Kill	SH	II						NS	
4	Wiph	SH	5						NS	
5	Marsh wren	PA				EM			NS	
6	TH BBird	PA	1			EM			NS	
7	Cite	WF	♂ II			OW			FO/LO	
8	Mall		♂ I							
9	Gadw	↓	IIII			↓	↓	↓	↓	
10	Amav	SH	4			RW/Rush	SM	U8T8 1 C	F NS	
11	Snipe	SH	II	—	—	WM/OW	ME	U8T8 1 C	NS	
12	WFiB	EG	5	—	—	WM	ME	↓	FO	
13	Mall ~~Hard duck~~	WF	1	3		WM	↓	↓	flushing	Flooded Brush & sedge
14	RW BBird	PA	1						NS	
15	Amav	SH	4						FO/NS	
16	Globe	EG	1						FL	
17	WFiB	EG	II						FO	
18	Mall or ~~Gadw~~	WF			1/8	WM	SM	U8T8 1 Nwest	NS	~20ft W of Center post *
19	coyo	PA	1			EM	SM	U2T8 1 N	NS	singing
20	Marsh wren	PA	1			EM	SM	↓	↓	↓
21	RW Black Bird	↓	III			EM	~~SM~~ ME	↓	NS	1
22										
23										
24										
25										

HABITAT CODES:
EM = Emergent
WM = Wet Meadow
MF = Mud Flat/Shore
SS = Scrub/Shrub
DW = Deepwater
UP = Upland
OW = open H_2O
* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

81 □

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

* NEST in thin line of CT adjacent to Baltic Rush

Entered 11/25/01 RC

LOCATION: _____

DATE: 15 Jun 99

CONDITIONS: _____

BIRD DATA SHEET

COSI = Common Snipe C = Center of Transect

BEGIN: _____

END: _____

OBS: SIME

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Marsh wren	PA	↑	—	—	EM	SM	U2T83	NS	singing drumming
2	Cosn	SH	2			↓	↓	↓	NS	
3	Mall	WF	1 ♀			↓	↓	↓	UD	NO NEST found
4	~~Coye~~ C							L		
5										
6	← 16	June	→		16	June	—	U17T75		→
7	Didnt hear	Many	birds							
8	Vesper sp?	PA	1	—	—	up	ME	↓	NA	singing
9										
10	COSI		2			NM	ME	U17T75½	NS	
11	waterfowl	WF	~20			↓	↓	↓	LO/FO	
12	Marsh wren	PA	↑						NS	
13	N. Harrier	RA	1			↓	↓	↓	LO	
14	RWBBird	PA	↑							
15	Coye	PA	1			EM	SM	U17T73½	NS	Singing
16	Coot		3	3		OW	Sm	↓		
17	gt owl		1			Trees	SM	U17T73C	UD	
18	magpie		3-5			↓	↓	↓		
19	Breeding sp	PA	2							
20	W Meadowlark							↓		
21	Kill	SH	~~1~~			SS	SM	U17T87S	Ø NS	
22	RWB Bird	PA	↑			SS	↓	↓	NS	
23	W Meadowlark	PA				↓	↓	↓		
24	Eared grebe		5			DW	ME	T17T87	FO/LO	
25	Redhead	WF	12			DW		1	1	

HABITAT CODES: OW = open water
- EM = Emergent
- WM = Wet Meadow
- MF = Mud Flat/Shore
- SS = Scrub/Shrub
- DW = Deepwater
- UP = Upland

* = spp. unconfirmed

GROUPS:
- TE = Terns
- GU = Gulls
- SP = Sandpipers/Peeps
- PL = Plovers
- SH = Shorebirds
- EG = Egrets/Herons
- MS = Small Marsh Birds
- PA = Passerines
- RA = Raptors
- WF = Waterfowl

BEHAVIOR:
- FO = Foraging
- NS = Breeding/Nesting
- LO = Loafing
- FL = Flying
- UD = Undetermined

Ø Ø

SIZE:
- SM = Small [< 5 ac]
- ME = Medium [6-20 ac]
- LG = Large [> 20 ac]

75 = ◇

Entered 1/29/01 JC

LOCATION: MNWLR
DATE: 6-16-99
CONDITIONS: partly cloudy

BIRD DATA SHEET

BEGIN:
END:
OBS: Maria Carleen

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	coot		12	/	/	DW		U1ST49½	LO	large pond
2	mallard		10	4	/	DW		U1ST47½	LO	spanning T47
3	gadwall		3	/	/	DW		U1ST49½	LO	& T49
4	killdeer		6	/	/	UP		U1ST49½	FL	road on E side
5	avocet		2	/	/	UP		U1ST49½	FL	road on E side
6	avocets		5	/	1/3	SS		U1ST51½	FL	flooded SS
7	killdeer		4	/	/	SS		U1ST51½	FL	
8	mallard		1	/	/	DW		U1ST51½	LO	flapping in water
9	ruddy		2	/	/	DW		U1ST51½	LO	
10	gadwall		2	/	/	WM		U1ST53½	LO	
11	cinnamon teal		4	/	/	WM		U1ST53½	LO	
12	pintail		3	/	/	WM		U1ST53½	LO	never see them here
13	gadwall		6	/	/	WM		U1ST53½	LO	
14	mallard		11	/	/	WM		U1ST53½	LO	
15	avocet		7	/	/	SS		U1ST53½	FL	flooded
16	killdeer		12	/	/	SS		U1ST53½	FL	and along road
17	swallow		10	/	/	WM		U1ST53½	FL	
18	brown birds		12	/	/	WM		U1ST53½	FL	
19	bittern		1	/	/	WM		U1S	FL	
20	coot		6	/	/	DW		U1ST53½	LO	
21										
22										
23										
24										
25										

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PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 4/27/01 AC

LOCATION:
DATE: 6/16/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Sora	MS	2			WM	LG	U17T79 S½	FL	
2	Savannah Sparrow	PA	3			↓	↓		SI	
3	B. Blackbird	PA	Nest	3	Nest	↓	↓	U17T79W½	Nest	3 yrs
4	Snipe	MS	4					U17T79W½	FL	
5	Sora	MS	2					↓	SI	
6	Bittern	EG	1			↓	↓		SI/CA	~ 300yd to West. Nest
7	BCNH	EG	1					↓	FL overhead	
8	Snipe	MS	3					U17T77S½	FL	
9	Savannah Sparrow	PA	5			↓	↓	↓	SI	
10	Sora	MS	2					U17T77W½	SI	
11	Snipe	MS	2					↓	~~SI~~/FL	
12	WF Ibis	EG	1			↓	↓	↓	FL	
13	Brewers BBird	PA	1		1/4	Nest Sedge at Recycle U17T79/marker				
14	Killdeer	PL	2			WM	LG	U17T81S½	FL/FO	
15	Avocet	SH	4			↓	↓	↓	FL/FO	
16	Savannah Sparrow	PA	4						ST	
17	Avocet	SH	10+			WM	LG	U17T81W½	FO/NS	
18	Killdeer	PL	5+			↓	↓	↓	"	
19	Phalarope	SH	20+						FO	
20	W Grebe	PA	30+			EM	LG	U17T81W½	NS	
21	C. Yellowthroat	PA	2			↓	↓	↓	NS	
22	WF Ibis	EG	10+						FL	
23	C. Snipe	MS	3+			↓	↓	↓	FL	
24	Virginia Rail	MS	5+			EM/WM	LG	U17T81W½	SI	
25										

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

Entered 1/20/01 KC

93-87

LOCATION:
DATE: 6/16/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Cattle Egret	EG	50+		Nests	EM	LG	U17T83½	NS	
2	Snowy Egret	EG	100+		↓	↓	↓	↓	↓	
3	W. Ft. Ibis	EG	160+							
4	BCNH	EG	50±	w/young						
5	Mallard	WF	1	→	1/5/[illegible]	WM	LG	U9T93½	NS	3 bm 80% / Lcl 20%
6	C. Snipe	MS	5+	—		WM	LG	U9T93½	FO/LO	
7	Killdeer	PL	2	—		↓	↓	↓	FO	
8	Sora	MS	2	—					SI	
9	Cadwell	WF	1	—	1/9/1d			U9T93½	NS - in Sha w/ 2" H2O	
10	Sora	MS	2	—					SI	
11	Avocet	SH	5	—					FO/NS	
12	Snipe	MS	3	—		↓	↓	↓	FL	
13	Avocet	SH	15+	—		UP/FL	ME	U9T91½	NS	Drive Bombers
14	Killdeer	PL	5+	—					NS	
15	Snipe	MS	2	—		↓		↓	FO	
16	Willetsnipe	SH	10+	—					FO	
17	Mallard	WF	1	—	1/12/22d	EM	LG	U17T[illegible]89	NS - 100% Tyla 60% Cav	
18	S. Eared Owl	RA	1	—		1	1	1	LO	
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

Entered 2/1/01 JC

LOCATION: HVNWR
DATE: 6/16/99
CONDITIONS: Mostly Cloudy

BIRD DATA SHEET

BEGIN: 0854
END: 1209
OBS: AB

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	C. Geese	WF	13	4-10		WM	ME	U19T13S½	LO	
2	R.W. Blackbird	PA	4		1/3	WM	ME	U19T13S½	FL	
3	Y.H. "	PA	1			WM	ME	U19T13S½	FL	
4	Teal *	WF	3			DW	ME	U19T13S½	FO	
5	Mallard	WF	4			DW	ME	U19T13S½	FO	
6	Gadwall	WF	2			DW	ME	U19T13S½	FL	
7	Mallard	WF	2			WM	ME	U19T13S½	FL	
8	Swallow *	PA	8			DW	ME	U19T13S½	FL	
9	R.W. Blackbird	PA	2			EM	SM	U19T13S½	LO	
10	Killdeer	MS	1			MF	SM	U19T13S½	UD	
11	R.W. Blackbird	PA	3			UP	LG	U19T13N½	FL	
12	Gadwall	WF	2			WM	SM	U19T13N½	FO	
13	Mallard	WF	2			WM	SM	U19T13N½	FO	
14	R.W. Blackbird	PA	1			EM	SM	U19T13N½	FL	
15	Coot	WF	3			DW	ME	U19T13S½	FO	
16	Swallow *	PA	4			DW	ME	U19T13S½	FO	
17	Snipe	MS	1		1/4	WM	ME	U19T13S½	NS	Nest marked
18	W. Phalarope	MS	4			DW	ME	U19T13S½	FL	
19	R.W. Blackbird	PA	8			WM	~~ME~~ LG	U19T17S½	FL	
20	Snipe	MS	2			WM	LG	U19T17S½	FL	
21	W. Phalarope	MS	5			DW	ME	U19T17S½	FO	
22	A. White	WF	2			DW	ME	U19T17S½	FO	
23	Teal *	WF	3			DW	ME	U19T17S½	FO	
24	R.W. Blackbird	PA	1		1/2	WM	ME	U19T17S½	NS	
25	A. Avocet	SH	1			MF	SM	U19T17N½	FL	

HABITAT CODES:
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GROUPS:
TE = Terns
GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
PA = Passerines
RA = Raptors
WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

entered 10/31/00 BC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION: MVNWR
DATE: 4/16/99
CONDITIONS: Mostly Cloudy

BIRD DATA SHEET

BEGIN:
END:
OBS: MJ

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer	SH	2			MF	SM	U19T17N½	FL	
2	A. Avocet	SH	3			WM/PW	SM	U19T17N½	FL	
3	W.t. Ibis	SH	1			WM	SM	U19T17N½	FO	
4	R.W. Blackbird	PA	2			UM	SM	U19T17N½	FL	
5	R.W. "	PA	4			EM	SM	U20T21N½	LO/FL	
6	Y.H "	PA	2			EM	SM	U20T21N½	LO/FL	
7	Mallard	WF	1			DW	SM	U20T21N½	FO	
8	L. Scaup	WF	1			DM	SM	U20T21N½	FO	
9	W. Phalarope	~~WF~~ SH	5			WM	ME	U20T21N½	FL	
10	Killdeer	SH	3			WM	ME	U20T21N½	FL	
11	R.W. Blackbird	PA	8			WM	ME	U20T21N½	FL	
12	Mallard	WF	1			DW	SM	U20T21N½	FL	
13						DW	SM	U20T21S½	FO	
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

HABITAT CODES:
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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

LOCATION: 47 MUNUR
DATE: 6-16-97
CONDITIONS: Sunny 70°

BIRD DATA SHEET

BEGIN: 7am
END: Noon
OBS: Schwochert

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Avocets	SH	120		(Just south 3 nests found None	WM/MF	LG	area 7 T67 N+S		
2	Stilts		2							
3	Killdeer		65							
4	Phalarope		85							
5	Snipe		6							
6	Ibis	EG	17							
7	Am Bittern		2							
8		SH								
9	Avocets		90							
10	~~Killdeer~~		30							
11	Phalarope		50							
12	Snipe		3							
13	Ibis	EG	12							
14	~~Marsh Wren~~	MS	4							
15	Black Crowned Night Heron	EG	1							Heard their calls
16	Sora	MS	5							Heard calls
17										
18										
19										
20										
21										
22										
23										
24										
25										

HABITAT CODES:
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* = spp. unconfirmed

GROUPS:
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GU = Gulls
SP = Sandpipers/Peeps
PL = Plovers
SH = Shorebirds
EG = Egrets/Herons
MS = Small Marsh Birds
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WF = Waterfowl

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

Numbers are probably high (see other forms)

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 7/10/97 KE

LOCATION:
DATE: 16 June 99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS: Stone

/C = center

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	WiPh	SH	~20		Suspect	WM	Lg	U9T101 N/2	NS	
2	Amav	SH	~15		↓		↓	↓	↓	
3	RW Black Bird	PA	↑							
4	Kill	SH	3		↓	WM/UP	↓	↓ ©	↓	
5	COSI Common Snipe	SH	1			WM	Lg	U9T101 S/2	NS	drumming
6	duck (Mall?)	WF					Lg	U9T101C	DE *	
7	Kill, Amav, BNST	SH			Suspect ?!	MF	SM	U9 101C	NS	
8	RedH egg	WF	1			MF	SM ME	U9 101 S/2	DE	Raven depredation (avian)
9	Marsh wren	PA	↑			EM		↓		
10	YH Blackbird	PA	↑			EM				
11	Sora	MS	11							
12	Cite	WF	~15-20						flushing, mostly ♂	
13	WfiB	EG	~5			EM/MF	ME		FO	
14	Amav, Kill	SH						U9101S	E NS	
15	COSI		1			E		U9 T99 S/2		
16	Ambi	EG	1					1		
17										
18	SORA	MS	1 2			EM/NM	ME	U9T99C	NS	calling
19	Kill	SH	2-4			MF/UP	SM	↓	↓	
20	Amav	SH	6			↓	↓	↓	↓	
21	RW BBird							↓		
22	COSI		1			← →		↓		
23	WiPh		III			ME	WM	U9T99 N/2	NS	defensive Beh
24	duck	WF	1			WM		↓	NS	old shape (99?)
25	Ambi SORA		1 1			WM		↓	↓	

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RA = Raptors
WF = Waterfowl

COSI - common snipe

BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

*DE depredated egg

Entered 1/29/0. JC

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

LOCATION:
DATE: 16 JUN 99
CONDITIONS:

BIRD DATA SHEET

some ♂ small ♂ in eclipse plumage

BEGIN:
END:
OBS: Stone

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	coot	WF				DW	ME	U17T87	FO/LO	Parker Pond (3ft deep)
2	Ruddy duck	WF	~20			DW	↓		FO/LO	↓
3	Marsh wren	PA	↑			EM	↓		NS	
4	Cago	WF	7	5				U17T87		
5	gadwall	↓	20							
6	Mall	↓	10							
7	Y# Blackbird	PA	↑			EM	SM	U17T87	NS	
8	WFGB	EGG	5			WM/EM	ME	↓	FO	
9	marsh wren	PA	↑			EM	SM	↓	NS	
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac
LG = Large [> 20 ac]

Entered 1/29/0. RC

LOCATION:
DATE: 16 June 99 + 17 June
CONDITIONS:

BIRD DATA SHEET

↑ = Many, Didn't count

BEGIN:
END:
OBS: STM

↑ Sg

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Wiph	SH	15		Suspect	WM	Sm	U9T100½	NS	defensive beh, in flooded ag w/ Tba pickleg
2	↓	↓	↓			↓			↓	
3	↓	↓	↓			↓			↓	
4	COSn	SH	1			↓			↓	
5	17 June							U18T95½		
6	COSn	SH	II		Suspect	WM	me		NS	drumming etc
7	RWBlackbird	PA	↑			↑	↓		NS	
8	WFlb	EG	IIII			WM	Me		FO	
9	Snipe		1		1/4	WM	SM	U18T97N	Marker	
10	AmAV	SH	5		Suspect	WM/MF	Sm	U18T101N	NS	
11	Wiph	SH	10-20		↓	WM	Sm	↓	NS	
12	duck (Male)	WF		1	—	SW/S		U18T101N	—	duckling
13	Marsh wren									
14	Mall	WF	1 ♀		1/5	Whitetop	Sm	U18T101N	NS Nest on Ridge brush like + CT, ~20	
15	↓	↓	↓		↓	↓	↓		feet W of Center Ln. Bowl + eggs	
16									Clump but ♀ flushed off.	
17	marsh wren	PA	↑	~4		EM	Sm	U18T103N		feedlings
18	yH Black Bird	PA	↑							
19	Teal?	WF	1 ♀			EM *			NS	♀ flushed, prob Nest but off Transect
20	Amco	WF		5		EM/DW		↓		
21	duckling	WF		1		open H2O	ME	↓	—	feeder duckling, getting flight f
22	Teal, gadwall	WF	~100+			shallow H2O		U18T103C	FO/LO	
23	6 ♂♂ Mall	WF	1			dike		U18T105S	DE	↑ down + feathers Nearby too
24	WFlb	EG	30			EM		↓	FO	
25	Amb	EG	1						NS	calling

sparrows (Vesper?) RW Black bird

DE = depredated egg

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DW = Deepwater
UP = Upland
SW/S = Shallow H2O + sedges
* = spp. unconfirmed

GROUPS:
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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

95 ◇
97 Marsh
99 " ?
101 □

97 + 99 - is Maria doing them?

* = Thick Buckbrush

Entered 1/10/00 RC

1:3 @ S ends
ends @ dike NOT

LOCATION: MVNWR
DATE: 6/16/99
CONDITIONS: Foggy @ 7am

BIRD DATA SHEET

BEGIN: [redacted] 0630
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Brewers sparrow	PA	2			UP/SS	—	W107119½	NS	
2	mourning dove	↓	1			↓	—	↓	↓	
3	Vesper Sparrow	↓	2			↓	—	↓	↓	
4	Savanah sparrow	↓				WM	ME	W24T119	↓	
5	Killdeer	PL				↓	↓	↓	↓	
6	avocet	SH				↓	↓	↓	↓	
7	W meadowlark	PA				↓	↓	↓	↓	
8	BH Cowbird	PA				↓	↓	↓	FL	
9										
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HABITAT CODES:
EM = Emergent
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* = spp. unconfirmed

GROUPS:
TE = Terns
GU = Gulls
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BEHAVIOR:
FO = Foraging
NS = Breeding/Nesting
LO = Loafing
FL = Flying
UD = Undetermined

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 2/6/01 KC

LOCATION: MIXER

DATE: 6-17-99

CONDITIONS: cloudy a~~lem~~ calm

BIRD DATA SHEET

BEGIN:

END:

OBS: Maria Carreon

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	redwinged bb		15	/	/	SS		U18T85N/2	FO	~~flock~~
2	snowy egret		5	/	/	EM		U18T91N/2	FO	large group noon
3	Mallard		3	/	1 EM			U18T91N/2	NS	nest
4	willet		5	1	chick in nest	WM		U18T93N/2	FL	
5	hawk		1	/	1/5	WM		U18T93N/2	NS	nesting cattails dive boom ms
6	mourning dove		5	/	1/1	WM		U18T93N/2	NS	laying (only had 1 egg) AJ
7										
8										
9										
10										
11										
12										
13										
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15										
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17										
18										
19										
20										
21										
22										
23										
24										
25										

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Entered 1/25/00 JK

LOCATION: ~0 - ~~ACE~~ 1st CT patch South of C post

DATE: 17 June 99

CONDITIONS:

BIRD DATA SHEET

BEGIN:

END:

OBS: Stine

C = center of Marsh

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Eared grebe		~20			DW	me	U18T105 N/2		Bowers Pond
2	Marsh wren	PA	↑			Em	|	|	NS	
3	Y# Blackbird	PA	↑			Em	|	|	NS	
4	White (Colony)		~200+	yes	yes	Em	Sm	|	NS	See Back
5										
6	Mall		♀ 2		Suspect	WM	SM	U18T97 N/2	flushing out of transect	
7	Mall	WF	1		~~1~~	WM		↓		flooded egg / flooding
8	Mall	WF	1					~~1~~ (C)	DE	
9	Raven							U18T99 (C)		
10	~~Redh~~ Nopi	WF	2 ♀					U18T99 N/2	NS! Two ♀	redh - dependent pairing etc BUT
11	↳ 1st	CT patch	50+	N post		About ~~mid-way N to C~~			CT patch,	NEST,
12									Can't find	
13										
14	White		~20					U18T99	Near C post N	S
15	Amer		10-20					N2	↓	
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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DE = depredated egg

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T97 N2 "mud bowl" Nest, @ base of greasewood, Big (~~mall~~ teal or baggy) size white plain eggshell Duck? old Nest

SIZE:
SM = Small [< 5 ac]
ME = Medium [6-20 ac]
LG = Large [> 20 ac]

Entered 1/10/00 JK

LOCATION:
DATE: 6/17/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Mallard	WF	1	—	1/6/8	WM	LG	UP799 Nk	NS	9' W. of Center
2	Waterfowl Broods	WF	4+	Broods	—	WM/EM	LG	UP797 S/k	NS —	Broods
3	Savannah Sparrow	PA	3	—	—	UP/FL/WM	SM		SI	
4	Sora	MS	1	—	—	WM	MG		SI	
5	Accent	SH	3	—	—	UP	I	↓	FL	
6	Snipe	MS	3	—	—	WM	LG	UP797 N/k	FL	
7	Am. Bittern	EG	1	—	—	I	I	I	SI	
8	Sora	MS	3	—	—	WM	LG	UP795 N/k	SI	
9	C. Snipe	MS	3	—	—	↓	↓	↓	FL	
10	N. Harrier	RA	1	—	NS?				NS?	
11	Sora	MS	3	—	—			UP795 S/k	SI	
12	Snipe	MS	2	—	—			↓	FL	
13	Accent	SH	4	—	—	UP/FL	↓		FO/NS?	
14	Coot	WF?	—	1	6	WM	LG	UP789 S/k	NS —	Hatchling & Hatched Accent
15	Accent	SH	5	—	—	UP/FL	ME	UP789 S/k	NS	
16	Killdeer	PL	2	—	—			UP787 S/k	NS	Regrouping / W. side of Spruce Lane
17	Accent	SH	20	—	—				NS	
18	Killdeer	PL	5	—	—			↓	NS	
19	Am. Bittern	EG	2	—	—	EM	LG	UP787 S/k	UD/SI	
20	G. H. Owl	RA	2	2	1	I	I	I	NS	Two Juv. Outlets Fledged from Goose Str. (Owns)
21										
22										
23										
24										
25										

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Entered 1/10/01 KC

LOCATION:
DATE: 6/22/99
CONDITIONS:

BIRD DATA SHEET

BEGIN:
END:
OBS:

LN	SPECIES	GROUP	NUMBER	JUV.	NEST/EGGS	HABITAT	SIZE	WETLAND ID	BEHAVIOR	COMMENTS
1	Killdeer	PL	20	—	—	UP	LG	UH T141 S½	FL	
2	Sora	MS	1	—	—	WM	LG	UH T141 N½	FO	
3	Ibis	EG	5	—	—	↓	↓	↓	FO	
4	Killdeer	PL	5	—	—	↓	↓	↓	FL	
5	Am. Bittern	EG	1	—	—	↓	↓	↓	SI	
6	C. Snipe	MS	3	—	—	↓	↓	↓	FL	
7	Killdeer	PL	12	—	—	WM/UP	LG	UH T135	FL	
8	Heron	PA	1	—	1/3	↓	1	1	NS	
9	Gadwall	WF	1	—	1/6/May	WM	LG	UH T133 N½	NS	in 100% Cattletop
10	Snipe	MS	12+	—	—	↓	↓	↓	FL	
11										
12										
13										
14	* Nest # 220			5/20/99	7 eggs/farm	was	predated	by unknown	predator!!	
15										
16										
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20										
21										
22										
23										
24										
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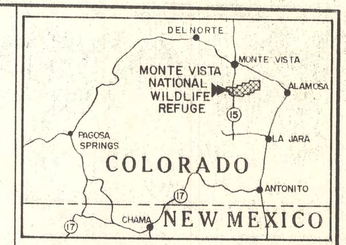
Entered 10/2/00 RC

Map -Duck Nest Transects

MONTE VISTA NWR
DUCK NESTING TRANSECTS 1999



LOCATION MAP
NOT TO SCALE

N

● NESTS FOUND IN MAY

● Nests Found in June

UNIT 1 · UNIT 2 · UNIT 3 · UNIT 4 · UNIT 5 · UNIT 6 · UNIT 7 · UNIT 8 · UNIT 9 · UNIT 10 · UNIT 11 · UNIT 12 · UNIT 13 · UNIT 14 · UNIT 15 · UNIT 16 · UNIT 17 · UNIT 18 · UNIT 19 · UNIT 20 · UNIT 21 · UNIT 22 · UNIT 23 · UNIT 24

HEADQUARTERS

Well No. 1

Well No. 2

CANAL

T38N
T38N

R7E | R8E

R8E | R9E

1500 0 1500 3000 4500
SCALE IN FEET

REVISIONS	4-25	RJS
	DATE	DRAWN

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

ENGINEERING

SUBMITTED
REGIONAL ENGINEER
REVIEWED
RECOMMENDED
REGIONAL DIRECTOR
W. O. APPROVAL DATE

MONTE VISTA
NATIONAL WILDLIFE REFUGE
RIO GRANDE AND ALAMOSA COUNTIES, COLORADO

DESIGNED G. D. A. | DRAWN V. F. F. DATE 9-76 | CHECKED
DENVER COLORADO | DRAWING NO.

SHEET ____ OF ____