





2001

Waterfowl Production Surveys

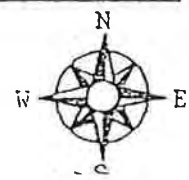
Units 1-6

Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 1 Transect # 65

FIRST VISIT	
Species <u>Mall</u>	COVER TYPE (circle dominant cover)
Nest # <u>311</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<u>7</u> # eggs	<input type="checkbox"/> Wx Weed species
<u>4</u> Inc. stage	<input type="checkbox"/> Jba Baltic rush
<u>0</u> # parasitic eggs	<input type="checkbox"/> Cx Sedge
Dist. to standing H ₂ O <u>5</u> ft	<input type="checkbox"/> Ex Spikerush
Soil Surface (check one)	<input checked="" type="checkbox"/> Tla Cattail
<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Moist	<input type="checkbox"/> Other _____
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	
	
	

SECOND VISIT-Fate
Date <u>6/19/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>7</u> # egg hatch
<u>0</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

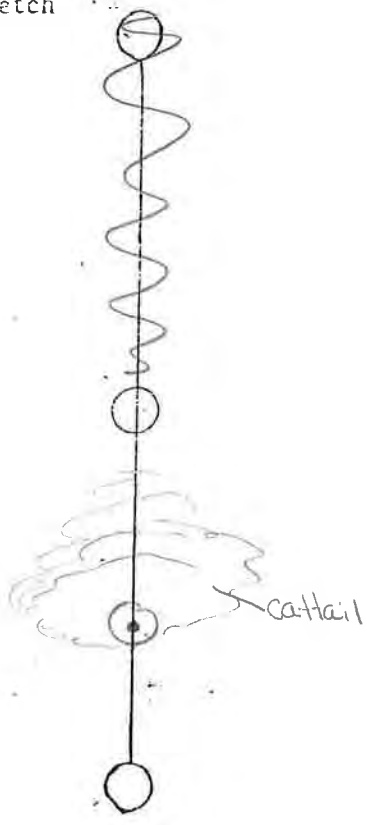


Location Sketch

Notes ~ 200 m North of Road;
Ribbon in Cattail; abandoned
nest adjacent to active nest
w/ 1 whole egg and some
fragments; abandoned nest
destroyed.

313

Unit # 1
 Transect # 65
 Nest # 311 is located
25 ft in North
 South
6 ft in East
 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	

6/1/01
 Fate 6/29/01





Waterfowl Production Survey

Observer TAS

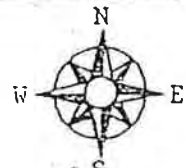
Date 5/22/01

Unit # 1

Transect # 61

FIRST VISIT	
<p>Species <u>Mall</u></p> <p>Nest # <u>312</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>4</u> # eggs</p> <p><u>0</u> Inc. stage</p> <p><u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; text-align: center;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input checked="" type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>6/18/01</u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"><u> </u> # egg hatch</p> <p style="margin-left: 20px;"><u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input checked="" type="checkbox"/> Destroyed</p> <div style="margin-left: 20px;"> <p><input type="checkbox"/> Raven/magpie</p> <p><input type="checkbox"/> Skunk</p> <p><input type="checkbox"/> Raccoon</p> <p><input type="checkbox"/> Coyote</p> <p><input checked="" type="checkbox"/> Unknown</p> <p><input type="checkbox"/> Other _____</p> </div>



Notes Flag and ribbon placed in top of residual cattail

Location Sketch

Unit # 1

Transect # 61

Nest # 312 is located

20 ft in North South

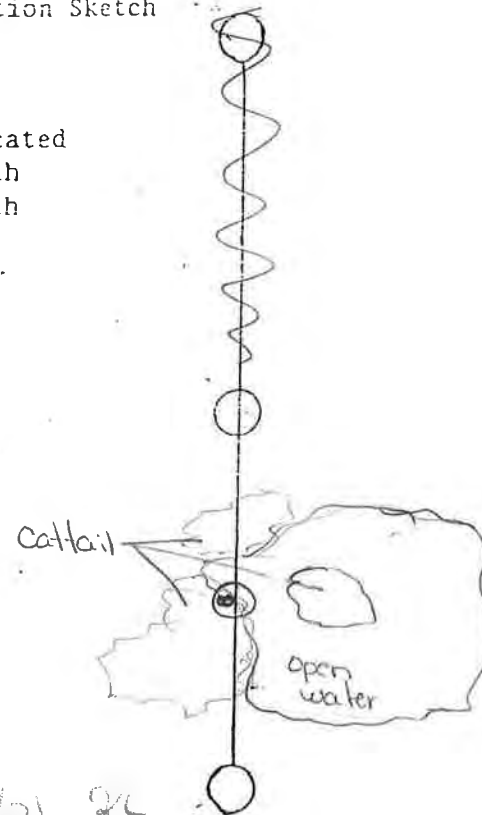
of flag and

0 ft in East West

of Transect line

Grazing Cell # _____

Paddock # _____







Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ are when found	

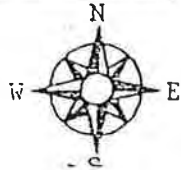
6/1/01 26
Fate 6/29/01

Waterfowl Production Survey

Observer Todd Sanders, CDOW Date 5/22/01 Unit # 1 Transect # 65

FIRST VISIT	
Species <u>Mall</u>	COVER TYPE
Nest # <u>313</u>	(circle dominant cover)
Status (check one)	<input type="checkbox"/> Sx Willow
<input type="checkbox"/> Active	<input type="checkbox"/> Sve Greasewood
<input type="checkbox"/> Hatched	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Dst Salt grass
<input checked="" type="checkbox"/> Destroyed	<input type="checkbox"/> Gx Grass species
<u>≥ 2</u> # eggs	<input type="checkbox"/> MoF Sweetclover
<u>N/A</u> Inc. stage	<input type="checkbox"/> Wx Weed species
<u>0</u> # parasitic eggs	<input type="checkbox"/> Jba Baltic rush
Dist. to standing H ₂ O <u>5</u> ft	<input type="checkbox"/> Cx Sedge
Soil Surface (check one)	<input type="checkbox"/> Ex Spikerush
<input checked="" type="checkbox"/> Dry	<input checked="" type="checkbox"/> T1a Cattail
<input type="checkbox"/> Moist	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Flooded	<input type="checkbox"/> Other _____
Aerial Cover (check one)	
<input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	
	
	

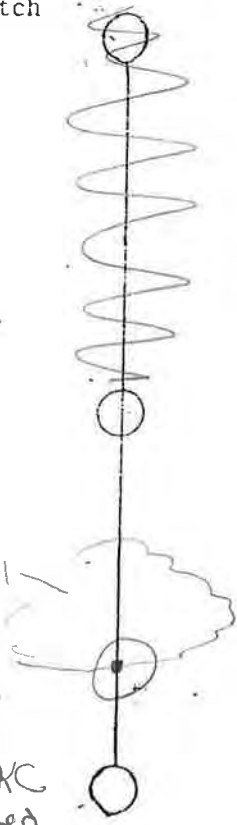
SECOND VISIT-Fate
Date <u>5/22/01</u>
(check one)
<input type="checkbox"/> Hatch
egg hatch _____
egg remain _____
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes ~200m North of Road
in cattails

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

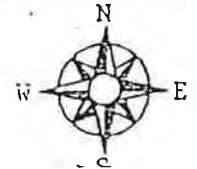
Entered 6/1/01 RC
 Same as nest noted
 on form for #311

Waterfowl Production Survey

Observer Stone Date 5/25/01 Unit # 2 Transect # 73 1/2

FIRST VISIT	
Species <u>Mall</u>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>16</u>	
Status (check one)	
<input checked="" type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input type="checkbox"/> Destroyed	
<u>8</u> # eggs	
<u>0</u> Inc. stage	
_____ # parasitic eggs	
Dist. to standing H ₂ O <u>0</u> ft	100
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input checked="" type="checkbox"/> Moist	
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input checked="" type="checkbox"/> D. <u>25-0%</u>
	
	

SECOND VISIT-Fate
<u>6-19-01 Active, Same</u>
Date <u>7/10/01</u>
(check one)
<input type="checkbox"/> Hatch
<u>4</u> # egg hatch
<u>6</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes No down in bowl, bottom of bowl damp

6-19-01 10 eggs @ 21-23 days

7-10-01 Under bowl is dry, transect dry, N half of U2 is dry.

Location Sketch

Unit # 2
 Transect # 73 1/2
 Nest # 16 is located
25 ft in North
 South
 of flag and
4 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

6/10/01 QC
 Fate 7/23/01

Waterfowl Production Survey

Observer Stone Date 6/21/01 Unit # 2 Transect # 77

FIRST VISIT

Species Mall
 Nest # 26
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 8
 Inc. stage 12 (12 @ most)
 # parasitic eggs _____

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 1/2"

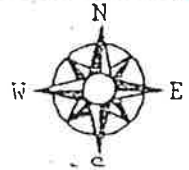
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

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 10 July 01 Stone
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

Still Active
 #hatch →
 NO shells membranes etc. Bowl completely empty. Nest bowl deteriorating.



10 July 01 - visit: marked Nend of trail to nest w/ ribbon on tela, (on date)

- Nest area, transect + N half unit is dry on 10 July 01.

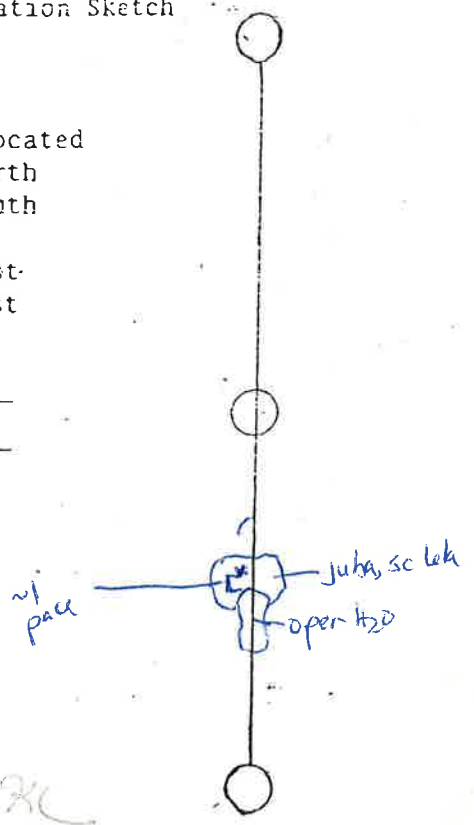
Location Sketch

Notes Nest is ~1 pace into juva patch south of open H₂O
 Nest almost on line.

* flag is 2 ft east of line center line

Ran T from N-S but I may have started too far east, few poles MARK this transect.

Unit # 2
 Transect # 77
 Nest # 26 is located
25 ft in North South
1 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	

7/13/01 RL

OFF LINE

Waterfowl Production Survey

Observer Blunden Date 5/25/2001 Unit # 3 Transect # 95

FIRST VISIT

Species Mallard
 Nest # N0700
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
17 Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O Longway ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

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

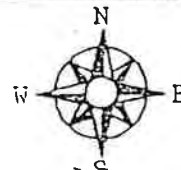
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date / /

(check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes found while looking for transect line

Location Sketch

Unit # 3
 Transect # 95
 Nest # _____ is located
 25ft in North
 South
 of flag and
50ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____







Compute Mayfield

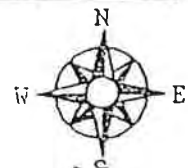
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

Waterfowl Production Survey

Observer K. Crowder Date 5/25/01 Unit # 3 Transect # 89N1/2

FIRST VISIT	
<p>Species <u>RWBL</u> Nest # <u>ND605</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>4</u> # eggs _____ Inc. stage _____ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
<p>Date <u> </u> / <u> </u> / <u> </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

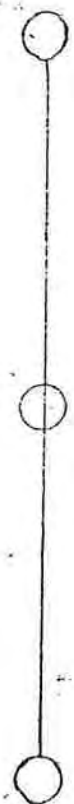


Notes _____

Location Sketch

Unit # 3
 Transect # 89N1/2
 Nest # ND605 is located
25 ft in North
 South
 of flag and
1 ft in East
 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 K. Crowder

Date 5/25/01

Unit # 3

Transect # 89S 1/2

FIRST VISIT

Species MALL
 Nest # 604
 Status. (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 4
 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

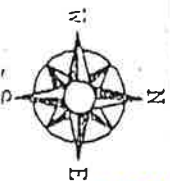
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

COVER TYPE (select 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 Spikernush
 Fla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/12/01
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

Location Sketch



Notes Smaller of tape above.

nest
 6/21/01: One end checked out -
 unbroken & some yolk one
 still inside egg. Nest bowl
 not pulled apart - looks like
 that both birds on the cage
 eggs. 2 eggs in nest, 2 in
 vicinity. No skunk smell

Unit # 3
 Transect # 89S 1/2
 Nest # 604 is located
 25ft in North South
 of flag and 8 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

weasel?
 egg found
 cater -
 shell fragment
 also present

89S
 closest stand
 of trees to
 road

Waterfowl Production Survey

Observer K. Cropper

Date 5/25/01

Unit # 3

Transect # 875 1/2

Transect # 875 1/2

FIRST VISIT

Species GADW (?)
 Nest # 603 3
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 7
 Inc. stage 20-72
 # parasitic eggs 0

Dist. to standing H₂O 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%

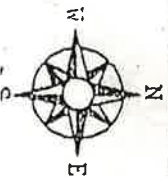
COVER TYPE (selective dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 Mof Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Bx Spikernush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/21/01
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Destroyed
 Abandoned
 Flooded
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

mammal

Location Sketch



Notes In many other small pieces of top on stem over (S/N/E) of nest

6/21/01: Nest found not torn apart. Eggshell fragments a nest & in the vicinity. Egg appears to have been chewed open on one side. Large fragments sometimes just 1 end of egg is left

Unit # 3
 Transect # 875 1/2
 Nest # 603 is located 25ft in North South
 of flag and 6 ft 3 in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



63°

Waterfowl Production Survey

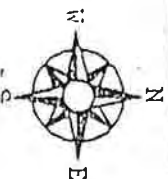
Observer K. Crowder

Date 5/25/01 Unit # 3 Transect # 85 S 1/2

FIRST VISIT	
Species <u>BCTE</u>	COVER TYPE <small>(circle dominant cover)</small>
Nest # <u>602</u>	<input type="checkbox"/> SX Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> Mof Sweetclover
	<input type="checkbox"/> Wx Weed species
	<input checked="" type="checkbox"/> Jba Baltic rush
	<input type="checkbox"/> Cx Sedge
	<input type="checkbox"/> Ex Spikerush
	<input type="checkbox"/> Tla Cattail
	<input type="checkbox"/> Sva Bullrush
	<input type="checkbox"/> Other
# eggs <u>6</u>	
Inc. stage <u>19</u>	
# parasitic eggs <u>0</u>	
Dist. to standing H ₂ O <u>0</u> ft	
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input checked="" type="checkbox"/> Moist	
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input checked="" type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%

SECOND VISIT-Fate
Date <u>6/20/01</u> →
(check one)
<input type="checkbox"/> Hatch
egg hatch _____
egg remain _____
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other

Found new nest practically in the same spot - remnant?
 Couldn't find nest # 602
 NEST # 606



Location Sketch

Notes _____

Unit # 3

Transect # 85 S 1/2

Nest # 602 is located North South

25 ft in _____

of flag and East West

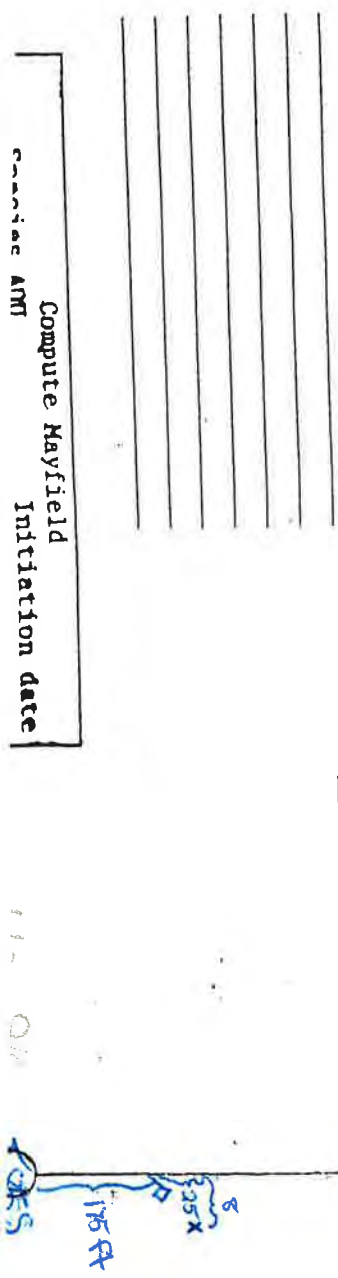
8 ft in _____

of Transect line

Grazing Cell # _____

Paddock # _____

Compute Mayfield Initiation date



Observer K. Crowder Date 5/25/01 Unit # 3 Transect # 85 5/2

FIRST VISIT

Species BCTE

Nest # ~~AD-109~~ 602

Status. (check one)

Active

Hatched

Abandoned

Destroyed

6 # eggs

19 Inc. stage

0 # parasitic eggs

Dist. to standing H₂O 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 (select 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 6/29/01 Crowder

(check one)

Hatch

4 # egg hatch

2 # egg remain

Abandoned

Flooded

Destroyed

Raven/magpie

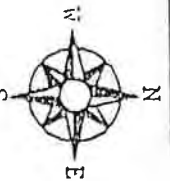
Skunk

Raccoon

Coyote

Unknown

Other _____



Location Sketch

Notes Nest 602 Survive nest

AS hole found in June

(see attached)

- Age of eggs when 602

was located was probably

young.

Believe that 602 = 606

Unit # 3

Transect # 85 5/2

Nest # 602 is located

25 ft in North

South

of flag and East

8 ft in West

of Transect line

Grazing Cell # _____

Paddock # _____



no flag found, but nest is in approx. location - teal egg that add up to be in SUBA

hatching depredated by corvid

WC

Waterfowl Production Survey

Observer K. Cravener

Date 5/25/01

Unit # 3 Transect # 83

FIRST VISIT

Species BCTE
 Nest # 601
 Status. (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 9
 Inc. stage 21
 # parasitic eggs 0

Dist. to standing H₂O 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%

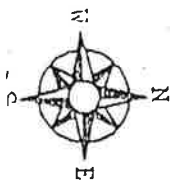
COVER TYPE (select dominant cover)
 SX Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 Mof Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/20/01
 (check one)
 Hatch
9 # egg hatch
0 # egg remain

9 eggs numbered found

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

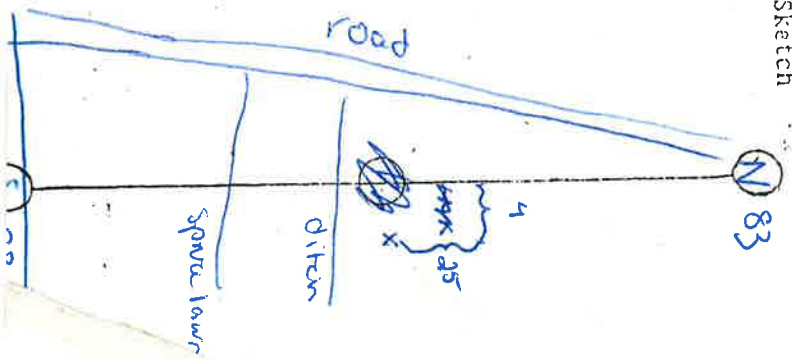


Location Sketch

Notes Small bit of tape on cattail sig. over (slightly N of nest)
Flag is slightly off transect (about 2-3 ft) I couldn't line up 2 poles at the nest but center on T. count.





Unit # 3
 Transect # 83 is located
 Nest # 601 in North South
 25ft in 4 ft in East West
 of flag and East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield Initiation date



Waterfowl Production Survey

Observer Blairdy Date 5/25/2001 Unit # 3 Transect # 103

FIRST VISIT	
Species <u>trp (anaem/bst)</u> Nest # <u>700</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>10</u> # eggs <u>10</u> Inc. stage ___ # parasitic eggs Dist. to standing H ₂ O <u>20 ft</u> Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input checked="" type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input checked="" type="checkbox"/> Wx <u>Weed species</u> <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____ <i>undisturbed</i> <i>whit-top</i>

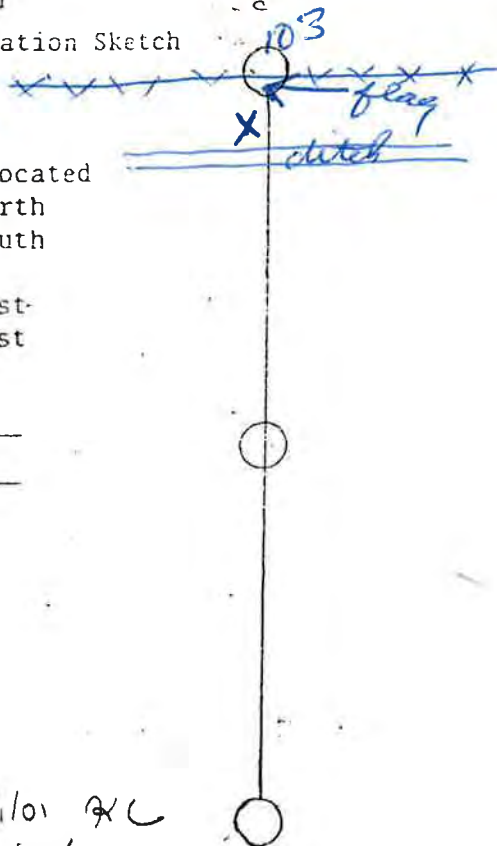
SECOND VISIT-Fate
Date <u>6/20/2001</u>
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input checked="" type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 3
 Transect # 103
 Nest # 700 is located
15 ~~25~~ ft in North South
 of flag and
3 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	

6/10/01 KC
 Fate 6/29/01 KC

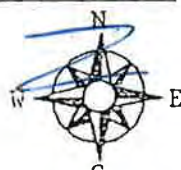
Waterfowl Production Survey

Observer Blenden

Date 5/25/2009 Unit # 3 Transect # 101

FIRST VISIT	
Species <u>Dadwell?</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>701</u>	
Status (check one)	
<input type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input checked="" type="checkbox"/> Destroyed	
<u>454</u> # eggs	
___ Inc. stage	
___ # parasitic eggs	
Dist. to standing H ₂ O ___ ft	Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% 
Soil Surface (check one)	
<input checked="" type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input type="checkbox"/> Flooded	
Dist. to standing H ₂ O ___ ft Soil Surface (check one) <u>count secondary</u> <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% 	

SECOND VISIT - Fate
Date <u>6/29/01</u>
(check one)
<input type="checkbox"/> Hatch ___ # egg hatch ___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other <u>Avian</u>



Notes probably avian predation
understory of Baltic rush
overstory - whittier

Location Sketch
- avian predation?

elect fence


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

6/1/01 XC  av

Waterfowl Production Survey

Observer Blenden

Date 5/25/2001

Unit # 3

Transect # 95

FIRST VISIT

Species unidentified
 Nest # 702
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

10 # eggs
8 Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 30 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

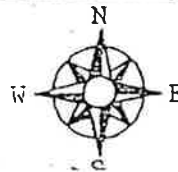
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 T1a Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Blenden

Date 6/29/01
X not relocated
 (check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes

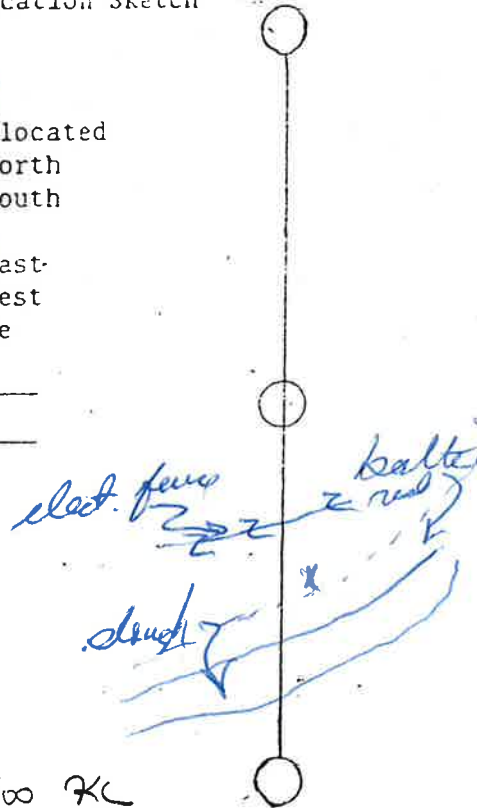
nest just north of open
 water, in brush - just
 on point edge of Baltic
 rush zone

I am uncertain how far
 from transect - can't see
 bird signs

6/20/2001 Could not relocate.
 I think I was really lost
 when nest found. I was on
 transect today.

Location Sketch

Unit # 3
 Transect # 95
 Nest # 702 is located
25 ft 0 in North
 South
3 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	

6/1/00 KC
Fate 6/29/01

Waterfowl Production Survey

Observer Blunden Date 5/25/2001 Unit # 3 Transect # 93

FIRST VISIT

Species teal
 Nest # 703
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

10 # eggs
12 Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 20 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

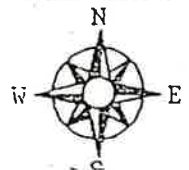
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

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 6/20/2001
 (check one)
 Hatch
 ___ # egg hatch
11 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

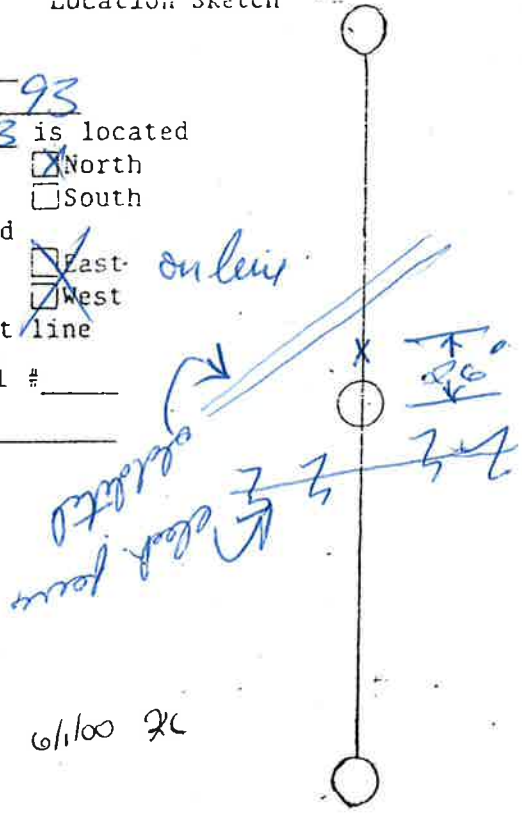
*IR/bca
 # eggs found = #
 eggs @
 fate check
 yes! (10)*



Notes very little down
bottom of bowl wet
egg cold

Location Sketch

Unit # 3
 Transect # 93
 Nest # 703 is located
25 ft 0 in North
 South
 of flag and
0 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

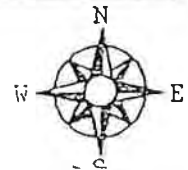
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

Waterfowl Production Survey

Observer R. Garcia Date 5/24/01 Unit # 3 Transect # 105 1/2

FIRST VISIT	
Species <u>N. Shoreline</u> Nest # 120 <u>132</u> Status (check one) <input type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Destroyed <u>4</u> # eggs <u>+</u> Inc. stage <u>1</u> # parasitic eggs Dist. to standing H ₂ O <u>0</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>3"</u> Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% 	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass 50% <input checked="" type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species 50% <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT - Fate
Date <u>5/24/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other _____

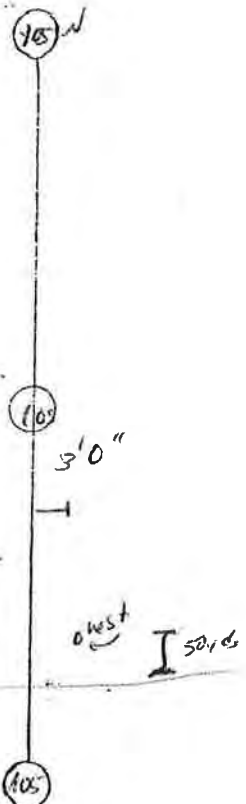


Location Sketch

Notes _____

*Ribbon in Band

Unit # 3
 Transect # 105 1/2
 Nest # 120 is located
25ft in North
 South
 of flag and
3ft in East
 West
 of Transect line
 Grazing Cell # Brown
 Paddock # 9



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

Grazing boundary ↗
125 yds
105
105 1/2
106

Waterfowl Production Survey

Observer K. Crowder Date 6/20/01 Unit # 3 Transect # 855

FIRST VISIT

Species Cinnamon/blue-wing teal
BCTE
 Nest # 606 = 602

Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

7 # eggs
 Inc. stage hatching
0 # parasitic eggs

Dist. to standing H₂O _____ 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)

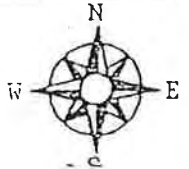
Hatch
 # egg hatch _____
 # egg remain _____

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

10:30
11:45
1 hr 15 min



Notes Chicks pipping, some eggs have a small crack.

Location Sketch

Unit # 3
 Transect # 855
 Nest # 606 is located
25ft in North
 South
 of flag and
7 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

KC - 25 June 01
 Lets talk about this
 Nest + 602.





KS
 I think they are the
 same nest ??



Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

Waterfowl Production Survey

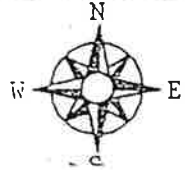
Observer Blenow Date 6/20/2001 Unit # 3 Transect # 103

FIRST VISIT	
Species <u>?</u> Nest # <u>205</u> Status (check one) <input type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Destroyed # eggs <u>only fragment of egg egg found</u> Inc. stage _____ # parasitic eggs _____ Dist. to standing H ₂ O <u>far</u> ft Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT - Fate
Date <u>1/1</u> (check one) <input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

off transect

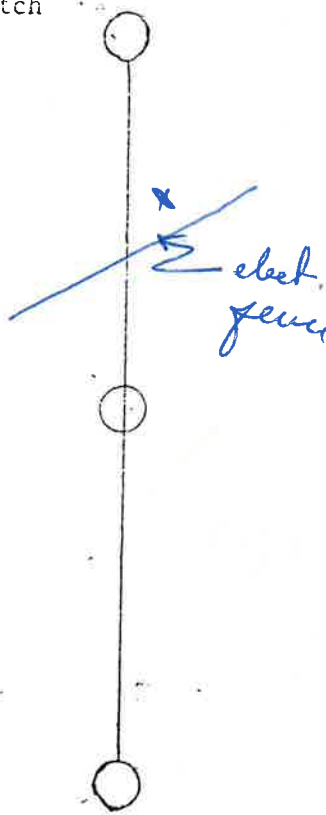
but very disturbed from mammalian pedote



Notes destroyed by mammal 10' off transect line

Location Sketch

Unit # ~~103~~
 Transect # 103
 Nest # 205 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 Bleddy Date 6/20/2001 Unit # 3 Transect # 101

off
transcript

FIRST VISIT

Species C. teal
 Nest # _____
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 8
 Inc. stage 17
 # parasitic eggs _____

Dist. to standing H₂O 5 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

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

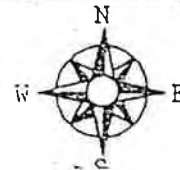
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date ___/___/___

(check one)
 Hatch
 # egg hatch _____
 # egg remain _____

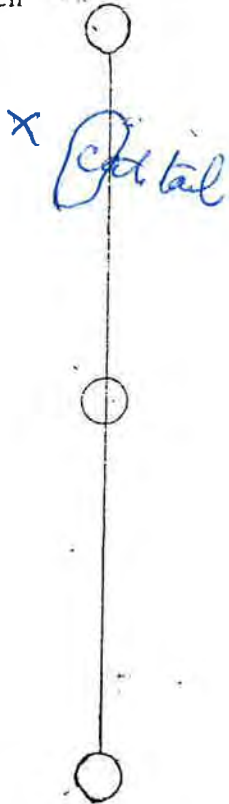
Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes _____

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	

Priority

Waterfowl Production Survey

Observer Blenden

Date 10/10/01

Unit # 3

Transect # 103

FIRST VISIT

Species Redwing
 Nest # 704
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
10 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O for 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 _____

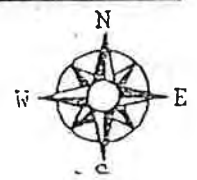
SECOND VISIT - Fate

2. Crawley
 Date 7/12/01 7/16/01

(check one)
 Hatch
 _____ # egg hatch
 _____ # egg remain
 Abandoned 5 eggs
 Flooded
 Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

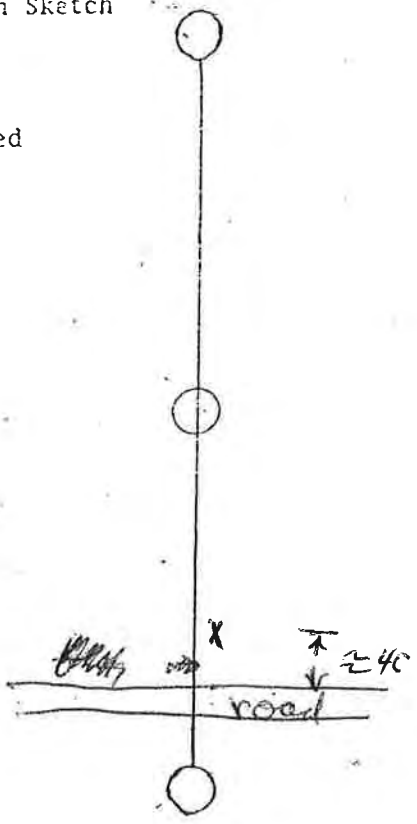
7/16/01
 Could not relocate
 RC →
 8-10-01 →
 IR because # eggs found = # eggs during fate check
 April 03



Location Sketch

Notes _____

Unit # 3
 Transect # 103
 Nest # 704 is located
25ft 0 in North
 South
 of flag and
7ft 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

Waterfowl Production Survey

Observer Blenden Date 20/01 16/01 Unit # 33 Transect # 103

FIRST VISIT

Species Redwing
 Nest # 705 704
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
10 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O for ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

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

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)

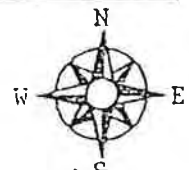
Hatch
 # egg hatch _____
 # egg remain _____

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

Fate = not Relocated.

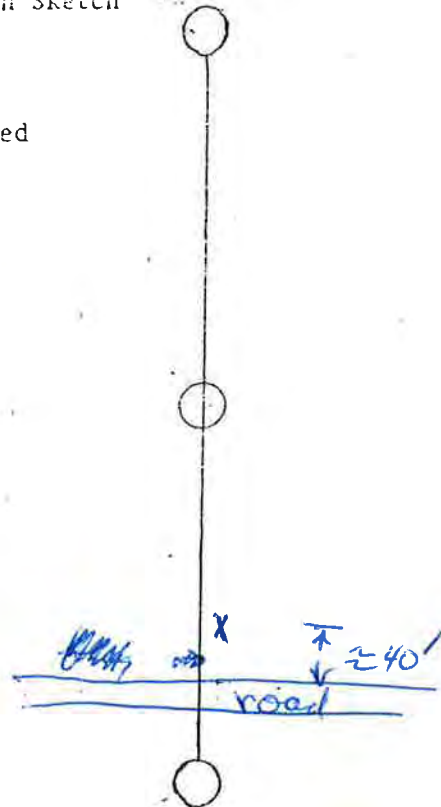


Notes _____

Location Sketch

Unit # 33
 Transect # 103
 Nest # 704 is located
25ft 0 in North
 South
7ft 0 in East
 West
 of Transect line

Grazing Cell # _____
 Paddock # _____



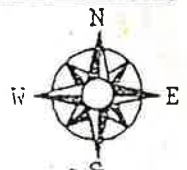
Compute Mayfield			
_____ Species AOU	_____	_____ Initiation date	_____
_____ # eggs hatched	_____	_____ Est. hatch date	_____
_____ # eggs remain	_____	_____ Exposure days	_____

Waterfowl Production Survey

Observer Blunden Date 6/20/2009 Unit # ~~101~~ 3 Transect # 101

FIRST VISIT	
Species <u> Mallard </u> Nest # <u> 705 </u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u> 6 </u> # eggs <u> 21 </u> Inc. stage <u> 7 </u> # parasitic eggs Dist. to standing H ₂ O <u> far </u> ft Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input checked="" type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____ <i>lela 7/12/01</i>

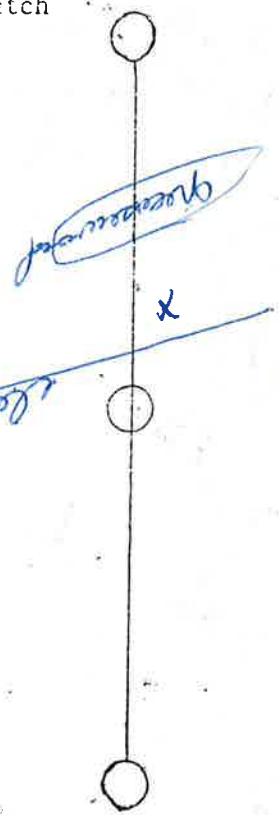
SECOND VISIT - Fate
Date <u> 7/12/01 </u> (check one) <u> KC </u> <input type="checkbox"/> Hatch # egg hatch # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input checked="" type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____ <i>3 egg eaten, 1 egg left others gone</i>



Notes 7/12/01 3 eggs pulled out of nest by small hole in the side - evidence of lower mandible in leg. Leg left whole in nest. Nest bowl undisturbed.

Location Sketch

Unit # 3
 Transect # 101
 Nest # 705 is located
 25 ft in North
 South
 8 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____ *Wood Area*







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

7/13/01 KC

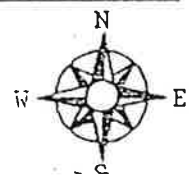
Waterfowl Production Survey

Observer Benson Date 6/20/2000 Unit # 3 Transect # 101

FIRST VISIT	
Species <u>Redwing</u>	COVER TYPE
Nest # <u>706</u>	(circle dominant cover)
Status (check one)	<input type="checkbox"/> Sx Willow
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Sve Greasewood
<input type="checkbox"/> Hatched	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Destroyed	<input type="checkbox"/> Gx Grass species
<u>8</u> # eggs	<input type="checkbox"/> MoF Sweetclover
<u>8</u> Inc. stage	<input type="checkbox"/> Wx Weed species
<u> </u> # parasitic eggs	<input checked="" type="checkbox"/> Jba Baltic rush
Dist. to standing H ₂ O <u>100ft</u>	<input type="checkbox"/> Cx Sedge
Soil Surface (check one)	<input type="checkbox"/> Ex Spikerush
<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Tla Cattail
<input type="checkbox"/> Moist	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Flooded	<input type="checkbox"/> Other _____
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%	
	
	

SECOND VISIT-Fate
<u>Crowder</u>
Date <u>7/16/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>8</u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

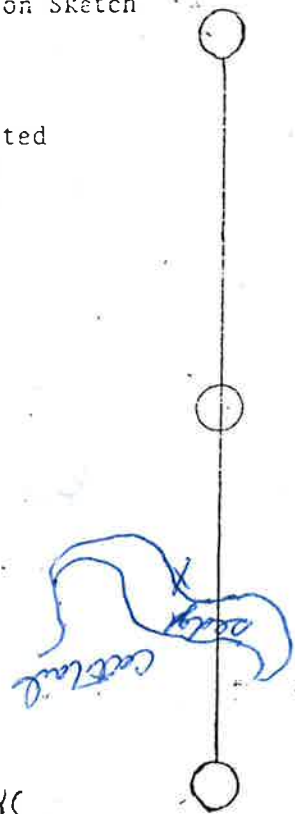
7 membranes



Notes several eggs
felt cold but hen fluffed
off nest
7/16/01: ♀ & chicks still at
nest! I saw about 4 yrs
scurrying away from nest when
♀ flushed.

Location Sketch

Unit # 3
 Transect # 101
 Nest # 706 is located
25ft 0 in North
 South
 of flag and
8ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

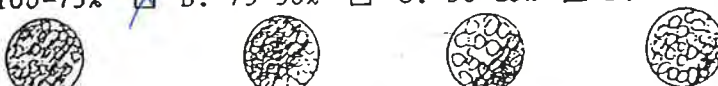


Compute Mayfield	
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

7/17/01 HC
Fate

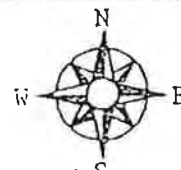
Waterfowl Production Survey

Observer Blairden Date 6/20/2001 Unit # 3 Transect # 99

FIRST VISIT	
<p>Species <u>Mallard</u></p> <p>Nest # <u>707</u></p> <p>Status (check one)</p> <p><input type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p><u>2</u> # eggs</p> <p>Inc. stage</p> <p><u> </u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>75</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input checked="" type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> 	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

2 only 2 destroyed egg families

SECOND VISIT-Fate
<p>Date <u>6/29/01</u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"><u> </u> # egg hatch</p> <p style="margin-left: 20px;"><u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p style="margin-left: 20px;"><input type="checkbox"/> Raven/magpie</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Skunk</p> <p style="margin-left: 20px;"><input type="checkbox"/> Raccoon</p> <p style="margin-left: 20px;"><input type="checkbox"/> Coyote</p> <p style="margin-left: 20px;"><input type="checkbox"/> Unknown</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other _____</p>



Notes appears to have been destroyed by skunk

Location Sketch

Unit # _____

Transect # _____

Nest # _____ is located

25 ft in North South

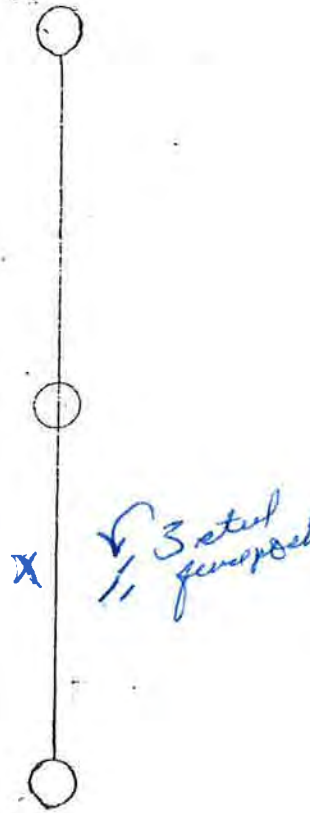
of flag and

 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		

7/13/01 JC

Waterfowl Production Survey

Observer K. Crowder Date 6/21/01 Unit # 3 Transect # 87N½

FIRST VISIT	
Species <u>GADW</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input checked="" type="checkbox"/> Gx Grass species <input checked="" type="checkbox"/> MoF Sweetclover <input checked="" type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>607</u>	
Status (check one)	
<input checked="" type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input type="checkbox"/> Destroyed	
<u>10</u> # eggs	
<u>0</u> # inc. stage	
<u>0</u> # parasitic eggs	
Dist. to standing H ₂ O <u>3</u> ft	
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input checked="" type="checkbox"/> Moist	
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input checked="" type="checkbox"/> D. 25-0%

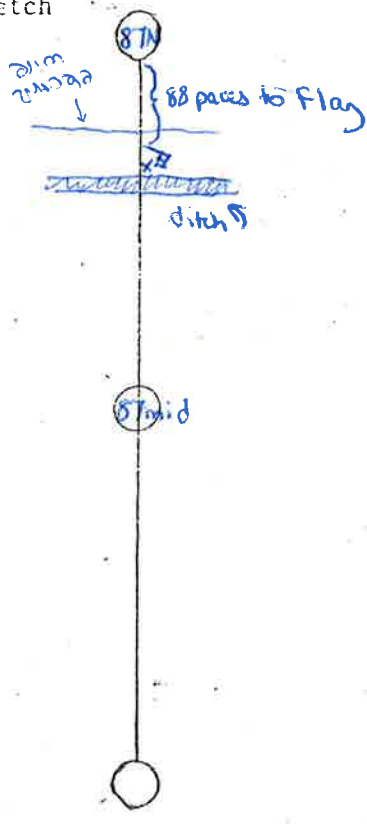
*50%
50%
Leta
Thisto*

SECOND VISIT-Fate
<u>Crowder</u>
Date <u>7/16/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>9</u> # egg hatch
<u>1</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other



Notes Just across a ditch w/ water & EMT (N side) - on bank, S of an electric fence

Unit # 3
 Transect # 87N½
 Nest # 607 is located
25 ft in North South
0 ft 5 in East West
 of flag and
 of Transect line
 Grazing Cell # _____
 Paddock # _____







Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

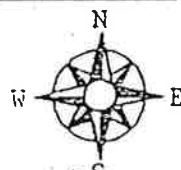
7/16/01 Fate

Waterfowl Production Survey

Observer J. Vradenburg Date 5/22/01 Unit # 4 Transect # 109

FIRST VISIT	
Species <u>AAE P. n</u> Nest # <u>401</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>3</u> # eggs <u>Lays</u> Inc. stage <u>0</u> # parasitic eggs Dist. to standing H ₂ O <u>0</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%    	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
JV Date <u>6/20/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch # egg remain <input checked="" type="checkbox"/> Abandoned IR <u>3 ESSS left</u> <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes Nest buried into cattail
E place small red ribbon slightly
South of nest

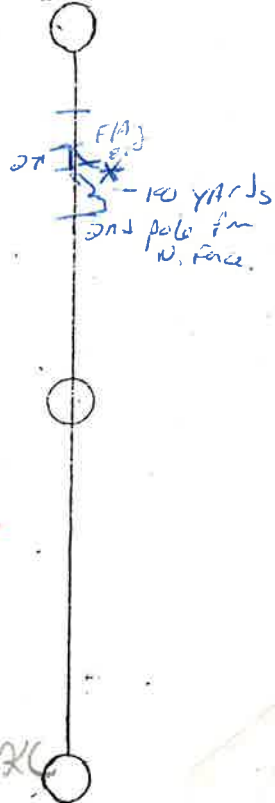
Nest sits right on the 8'
limit on E side of transect

100 Yds N of second pole
S. or N. fence

Nest in same condition as first Visit

Location Sketch

Unit # 4
 Transect # 109
 Nest # 401 is located
25ft in North
 South
of flag and
ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____







* fate = investigator-related
 abandoned because # eggs when
 found = # eggs during fate
 check.
 April 03
 Criteria used in past by
 R. Garcia

Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
are when found	

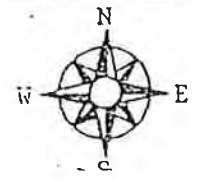
Fate Entered 6/29/01 JC

Waterfowl Production Survey

Observer JVradenburg Date 5/22/01 Unit # 4 Transect # 107

FIRST VISIT	
<p>Species <u>Mallard</u></p> <p>Nest # <u>400</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>6</u> # eggs</p> <p><u>fresh</u> Inc. stage</p> <p><u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>5 ft</u></p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input checked="" type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p style="text-align: center;"><u>JV</u></p> <p>Date <u>6/20/01</u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"><u> </u> # egg hatch</p> <p style="margin-left: 20px;"><u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input checked="" type="checkbox"/> Destroyed</p> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____ </div>



Notes _____

Location Sketch

Unit # 4

Transect # 107

Nest # 400 is located

25 ft in North

South

of flag and

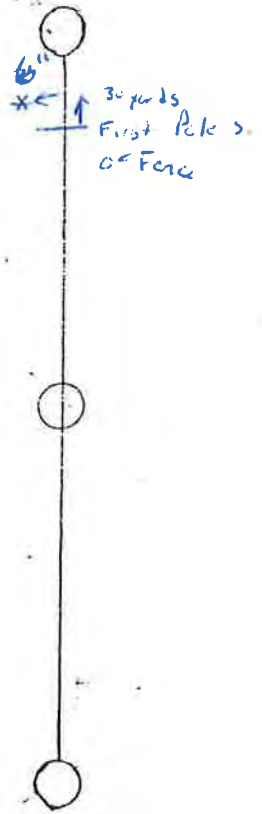
3 ft 6 in East

West

of Transect line

Grazing Cell # _____

Paddock # _____







Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Entered + Fate 6/29/01 JV

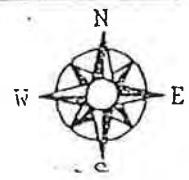
Waterfowl Production Survey

Observer J. Vadenburg Date 5/23/01 Unit # 4 Transect # 117

FIRST VISIT	
<p>Species <u>MAL</u> Nest # <u>403</u> Status. (check one)</p> <p><input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>7</u> # eggs <u>1</u> Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>1</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE <small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input checked="" type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other <u>Mixed</u></p>

SECOND VISIT-Fate
<p>Date <u>6/22/01</u></p> <p>(check one) <u>unknown</u></p> <p><input type="checkbox"/> Hatch <u> </u> # egg hatch <u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <p style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other </p>

Not relocated.



Location Sketch

Notes Nest on Transect line



Unit # 4
 Transect # 117
 Nest # 403 is located
25 ft in North
 South
 of flag and
0 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield			
<u> </u> Species ADU	<u> </u> Initiation date	<u> </u>	<u> </u>
<u> </u> # eggs hatched	<u> </u> Est. hatch date	<u> </u>	<u> </u>
<u> </u> # eggs remain	<u> </u> Exposure days	<u> </u>	<u> </u>

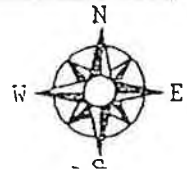
6/29/01 XC

Waterfowl Production Survey

Observer J. Vradenburg Date 5/24/01 Unit # 4 Transect # 123

FIRST VISIT	
Species <u>C. Teal</u> Nest # <u>404</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>7</u> # eggs Fresh Inc. stage <input checked="" type="checkbox"/> # parasitic eggs Dist. to standing H ₂ O <u>20</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% <div style="display: flex; justify-content: space-around; align-items: center;"> </div>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input checked="" type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input checked="" type="checkbox"/> Other <u>whiteloam</u>

SECOND VISIT-Fate
Date <u>6/22/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch # egg remain <input checked="" type="checkbox"/> Abandoned <u>Ant P. b. built on top</u> <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes No real visible markers
to put on map. sits in the
center of Hot wire Paddock
I believe this Paddock is
the S. Paddock?

Location Sketch

Unit # 4/3/2
 Transect # 123
 Nest # 404 is located
25ft in North
 South
 of flag and
6 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	

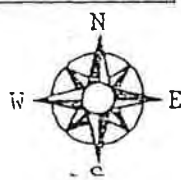
6/29/01 JC

Waterfowl Production Survey

Observer J. Vredenburg Date 5/24/01 Unit # 4 Transect # 123

FIRST VISIT	
Species <u>C. teal</u> Nest # <u>405</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input checked="" type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
# eggs <u>10</u> Inc. stage <u>4</u> # parasitic eggs <u>0</u>	Dist. to standing H ₂ O <u>40ft</u>
Soil Surface (check one) <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Flooded	
Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	
	

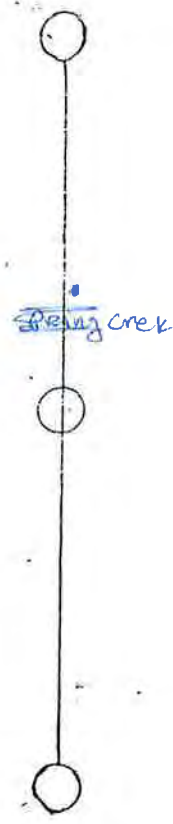
SECOND VISIT - Fate
Date <u>6/22/01</u> (check one) <input checked="" type="checkbox"/> Hatch <u>9</u> # egg hatch <u>1</u> # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Location Sketch

Notes _____

Unit # _____
 Transect # _____
 Nest # 405 is located
25ft in North
 South
 of flag and
6ft 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	

6/26/01 JK

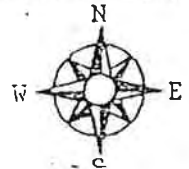
Waterfowl Production Survey

Observer J. Wralesburg Date 6/22/01 Unit # 4 Transect # 117

FIRST VISIT	
<p>Species <u>GAJ</u></p> <p>Nest # <u>408</u></p> <p>Status. (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>8</u> # eggs</p> <p><u>23</u> Inc. stage</p> <p><u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>30ft</u></p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input checked="" type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input checked="" type="checkbox"/> Cx Sedge</p> <p><input checked="" type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>8/10/01</u></p> <p><u>NOT Relocated</u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="padding-left: 20px;">___ # egg hatch</p> <p style="padding-left: 20px;">___ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <p style="padding-left: 20px;"><input type="checkbox"/> Raven/magpie</p> <p style="padding-left: 20px;"><input type="checkbox"/> Skunk</p> <p style="padding-left: 20px;"><input type="checkbox"/> Raccoon</p> <p style="padding-left: 20px;"><input type="checkbox"/> Coyote</p> <p style="padding-left: 20px;"><input type="checkbox"/> Unknown</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other _____</p>

NO flag, see back



Notes _____

Location Sketch

Unit # 4

Transect # 117

Nest # 408 is located

25ft in North

South

of flag and

6 ft in East

West

of Transect line

Grazing Cell # _____

Paddock # _____



Big X indicates nest in middle to south of Transect

Compute Mayfield			
_____ Species ADU	_____ Initiation date	_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days		

7/13/01

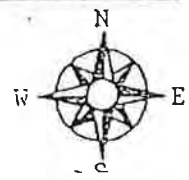
Waterfowl Production Survey

Observer Stone Date 5/23/01 Unit # 5 Transect # 129 5/2

FIRST VISIT	
Species <u>Gadw</u> Nest # <u>13</u> 100 Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed # eggs - <u>6</u> Some down in nest Inc. stage <u>0</u> # parasitic eggs <u>0</u> Dist. to standing H ₂ O <u>ft</u> Soil Surface (check one) 1/4⁺ mile <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input checked="" type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
Date <u>6/24/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

Nest
Bowl
torn
apart.
Saved
3 eggs
for
ex.

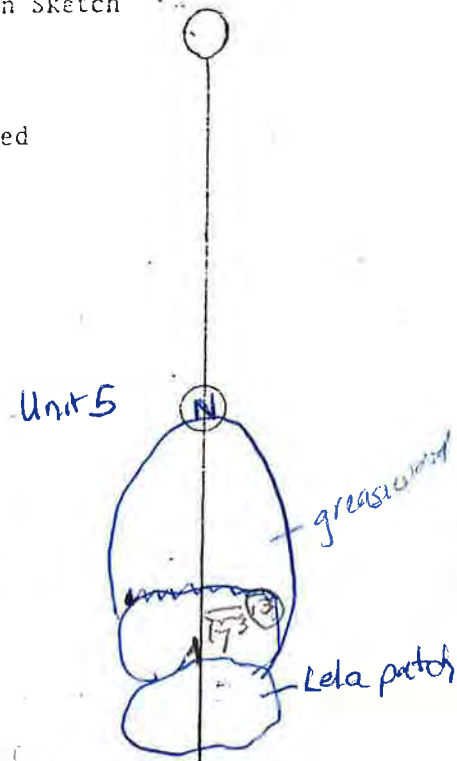


Notes Nest is in the middle of greasewood bush

Small flagging in greasewood nest in that bush.

Location Sketch

Unit # 5
 Transect # 129
 Nest # 13 is located
25ft in North
 South
 of flag and
7ft 3 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



↑ = flag

Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

6/1/01 2/1
 Fate 6/29/01 Unit 5 S 129

Waterfowl Production Survey

Observer Stone Date 6/20/01 Unit # 6 Transect # 45 ^{In series pond}

FIRST VISIT

Species Redh
 Nest # 24
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

10 # eggs
23 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 12-15"

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

Soil moist but no standing H₂O on 8-1-01

SECOND VISIT-Fate

Stone

Date 8/1/01

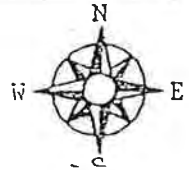
(check one)

Hatch
 # egg hatch
 # egg remain

Abandoned

Flooded SO

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



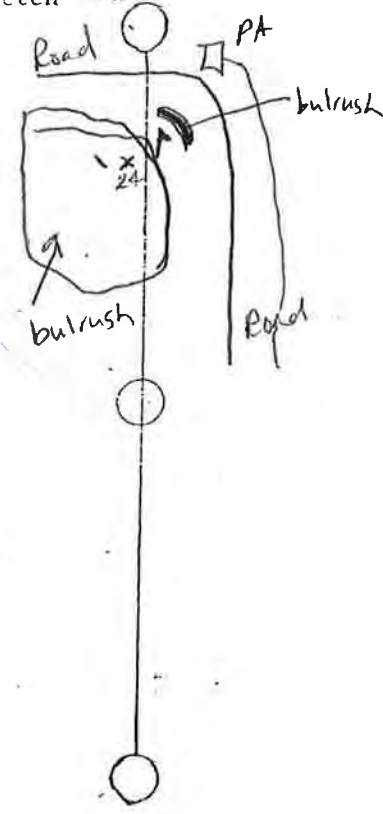
Notes white down

Flag on edge of Series pond, from flag walk west

1st flag can be seen in NE corner of pond but ring of bulrush in front of it

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North
 South
_____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



* last nest in U7 (23 - May be Redh w/a Ruddy egg.

Compute Mayfield

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

7/13/01 RL

Waterfowl Production Surveys

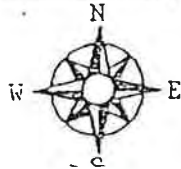
Units 7-8

Waterfowl Production Survey

Observer Sanders/Stone Date 5/21/01 Unit # 7 Transect # 61 N/2

FIRST VISIT	
<p>Species <u>teal cike</u> Nest # <u>11</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>2</u> # eggs <u>0</u> Inc. stage <u>1</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u> </u> ft <i>levee to West</i></p> <p>Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE <small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

SECOND VISIT - Fate
<p style="text-align: center;"><i>Sanders</i></p> <p>Date <u>6/18/01</u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____</p>



Notes Robert = 20cm

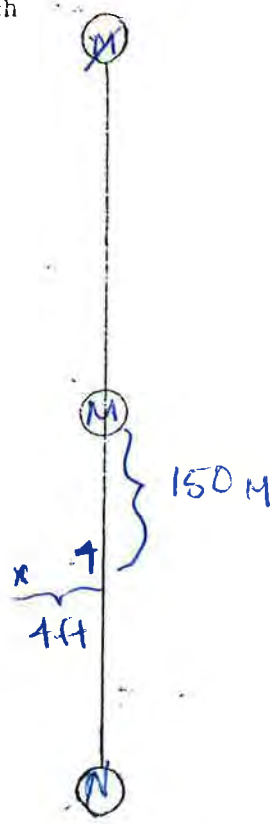
Location Sketch

Unit # 7
 Transect # 61
 Nest # 11 is located
25ft in North
 South

of flag and
4ft in East
 West

of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
_____ Species ADU	_____ Initiation date	_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days		

Fate 6/1/01 RC
6/29/01

TAS = Todd Sandens, CDOW

Waterfowl Production Survey

Observer TAS Date 5/21/01 Unit # 7 Transect # 55 5/2

FIRST VISIT





Species CITE
 Nest # 300
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
4 Inc. stage
1 # parasitic eggs REHE

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

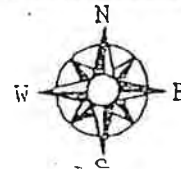
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

SECOND VISIT-Fate

Date 6/18/01
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

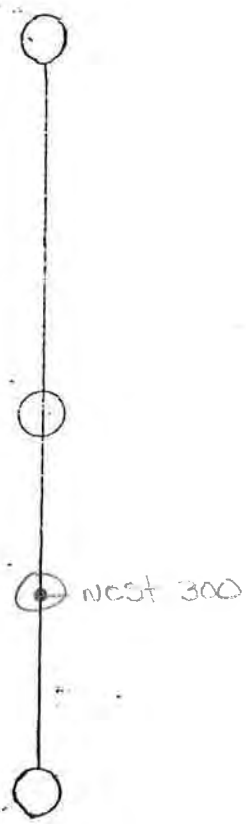
Robot:
30 cm vis. obst.
55 cm max ht.



Notes _____

Location Sketch

Unit # 7
 Transect # 55 5/2
 Nest # 300 is located
25ft in North
 South
 of flag and
0 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/1/01 RC
Fate 6/29/01

off line - for Sanders cow study

Waterfowl Production Survey

Observer Stone/Sanders Date 5/21/01 Unit # 7 Transect # 61 Mid

FIRST VISIT

Species Cite
 Nest # 10 off line
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 7
 Inc. stage fresh
 # parasitic eggs 0

Dist. to standing H₂O 15 ft 40

Soil Surface (check one)
 Dry
 Moist
 Flooded

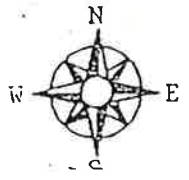
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

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 LeIA

SECOND VISIT - Fate

Date 6/18/01 Sanders

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



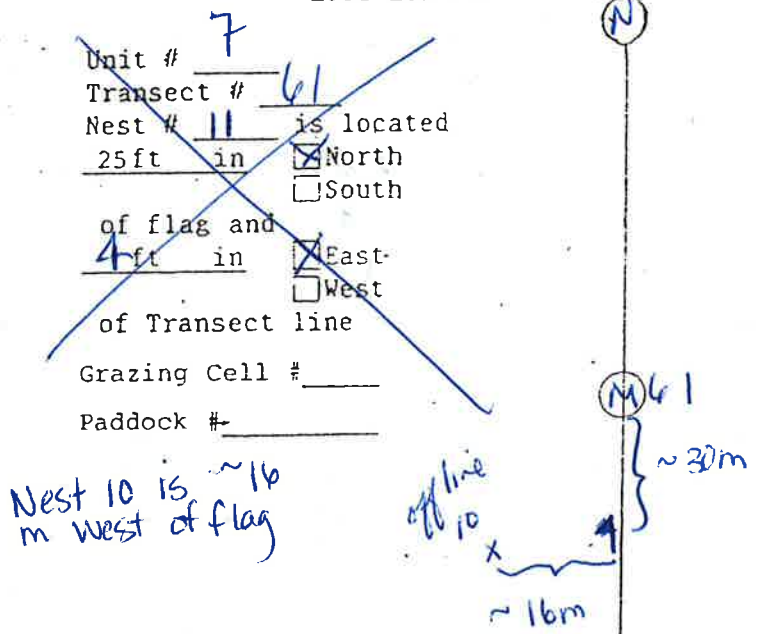
Notes

Robel 15 cm

9 paces W of center line

20 paces = 30m
5 paces = 25 FT

Location Sketch



Compute Mayfield

Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

6/29/01
 * off transect

Waterfowl Production Survey

Observer TAS Date 5/21/01 Unit # 7 Transect # 71 1/2

FIRST VISIT

Species Mall
 Nest # 301 (off transect)
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
4 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 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
 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 _____

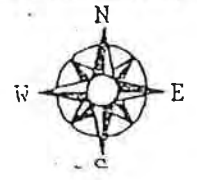
SECOND VISIT - Fate

Date 6/19/01

(check one)
 Hatch
5 # egg hatch
1 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

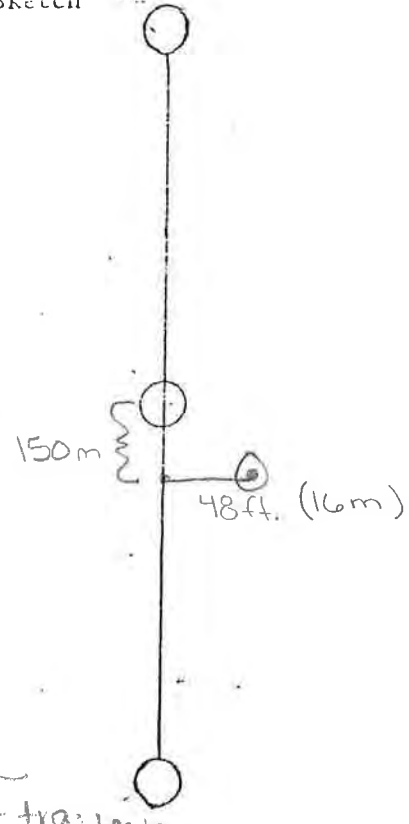
Robot?
25 cm vis. Obst.
30 cm Max ht.



Notes _____

Location Sketch

Unit # 7
 Transect # 71
 Nest # 301 is located
25 ft in North South
 of flag and
48 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

6/29/01 KC
* CDOW off-transect

Waterfowl Production Survey

Observer Stone Date 5/27/01 Unit # 7 Transect # 53

FIRST VISIT

Species teal (cike/bute)
 Nest # 12
 Status (check one)
 Active ? of abandoned eggs cool
 Hatched
 Abandoned
 Destroyed

5 # eggs
fresh Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 3 ft
 to nearby sm. ditch

Soil Surface (check one)
 Dry
 Moist
 Flooded

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

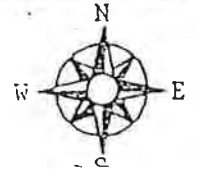
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/2/01 Stone

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

- eggs, Nest bowl contents gone. No sign of anything, just bowl left.
 - this nest was completely out in the open.



Notes Nest is to feet - 7 min south of transect pole (Unit 7 pole) + 4 feet to E

No flag by nest so close to transect pole

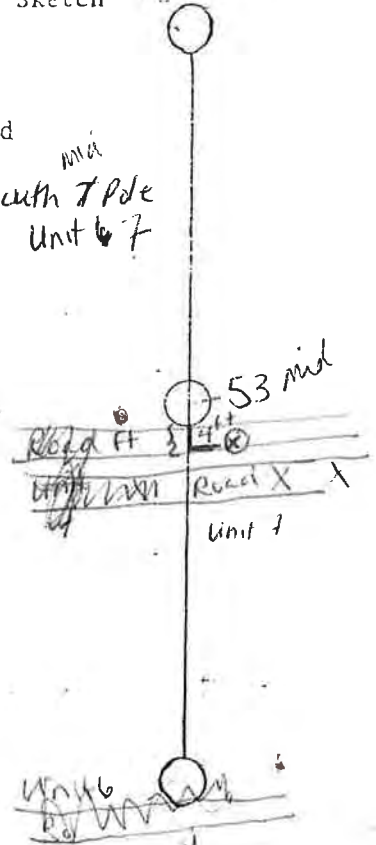
Robel: 4
juba as high as 11 but density = 4

used Refuge Robel pole

Location Sketch

Unit # 7
 Transect # 53
 Nest # 12 is located
6 ft in North South South of pole
4 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

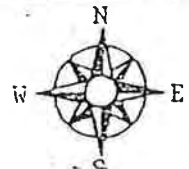
Fate 6/29/01
XC

Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 69 N/2

FIRST VISIT																															
Species <u>Mall</u> Nest # <u>309</u> Status. (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>8</u> # eggs <u>12</u> Inc. stage <u>0</u> # parasitic eggs Dist. to standing H ₂ O <u>0</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. '50-25% <input checked="" type="checkbox"/> D. 25-0% <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">COVER TYPE</th> </tr> <tr> <th colspan="2" style="text-align: center;"><small>(circle dominant cover)</small></th> </tr> </thead> <tbody> <tr><td><input type="checkbox"/> Sx</td><td>Willow</td></tr> <tr><td><input type="checkbox"/> Sve</td><td>Greasewood</td></tr> <tr><td><input type="checkbox"/> Crx</td><td>Rabbit brush</td></tr> <tr><td><input type="checkbox"/> Dst</td><td>Salt grass</td></tr> <tr><td><input type="checkbox"/> Gx</td><td>Grass species</td></tr> <tr><td><input type="checkbox"/> MoF</td><td>Sweetclover</td></tr> <tr><td><input type="checkbox"/> Wx</td><td>Weed species</td></tr> <tr><td><input checked="" type="checkbox"/> Jba</td><td>Baltic rush</td></tr> <tr><td><input type="checkbox"/> Cx</td><td>Sedge</td></tr> <tr><td><input type="checkbox"/> Ex</td><td>Spikerush</td></tr> <tr><td><input type="checkbox"/> Tla</td><td>Cattail</td></tr> <tr><td><input type="checkbox"/> Sva</td><td>Bullrush</td></tr> <tr><td><input type="checkbox"/> Other</td><td>_____</td></tr> </tbody> </table> <p style="margin-top: 10px; text-align: center;"><u>Robel</u> <u>30 cm obst</u> <u>40 cm ht.</u></p>	COVER TYPE		<small>(circle dominant cover)</small>		<input type="checkbox"/> Sx	Willow	<input type="checkbox"/> Sve	Greasewood	<input type="checkbox"/> Crx	Rabbit brush	<input type="checkbox"/> Dst	Salt grass	<input type="checkbox"/> Gx	Grass species	<input type="checkbox"/> MoF	Sweetclover	<input type="checkbox"/> Wx	Weed species	<input checked="" type="checkbox"/> Jba	Baltic rush	<input type="checkbox"/> Cx	Sedge	<input type="checkbox"/> Ex	Spikerush	<input type="checkbox"/> Tla	Cattail	<input type="checkbox"/> Sva	Bullrush	<input type="checkbox"/> Other	_____
COVER TYPE																															
<small>(circle dominant cover)</small>																															
<input type="checkbox"/> Sx	Willow																														
<input type="checkbox"/> Sve	Greasewood																														
<input type="checkbox"/> Crx	Rabbit brush																														
<input type="checkbox"/> Dst	Salt grass																														
<input type="checkbox"/> Gx	Grass species																														
<input type="checkbox"/> MoF	Sweetclover																														
<input type="checkbox"/> Wx	Weed species																														
<input checked="" type="checkbox"/> Jba	Baltic rush																														
<input type="checkbox"/> Cx	Sedge																														
<input type="checkbox"/> Ex	Spikerush																														
<input type="checkbox"/> Tla	Cattail																														
<input type="checkbox"/> Sva	Bullrush																														
<input type="checkbox"/> Other	_____																														

SECOND VISIT-Fate
Date <u>6/19/01</u>
(check one)
<input type="checkbox"/> Hatch ___ # egg hatch ___ # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 7
 Transect # 69 N/2
 Nest # 309 is located
25ft in North
 South
 of flag and
0 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/1/01 RC
 Fate 6/29/01 RC

Todd - is "Notes" the fall? (yes) - abandoned

Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 67 5/2

FIRST VISIT


Species Cite
 Nest # 308
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
0 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 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 _____

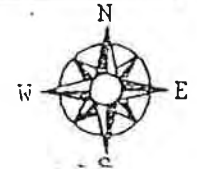
SECOND VISIT-Fate

Date 6/18/01

(check one)

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

Sandees



Notes Eggs pushed out of nest and into water

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 ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/1/01 XL

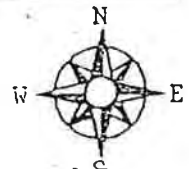
Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 67 5/2

FIRST VISIT	
Species <u>Cite</u>	COVER TYPE (circle dominant cover)
Nest # <u>307</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<u>8</u> # eggs	<input type="checkbox"/> Wx Weed species
<u>4</u> Inc. stage	<input checked="" type="checkbox"/> Jba Baltic rush
<u>0</u> # parasitic eggs	<input type="checkbox"/> Cx Sedge
Dist. to standing H ₂ O <u>2</u> ft	<input type="checkbox"/> Ex Spikerush
Soil Surface (check one)	<input type="checkbox"/> Tla Cattail
<input type="checkbox"/> Dry	<input type="checkbox"/> Sva Bullrush
<input checked="" type="checkbox"/> Moist	<input type="checkbox"/> Other _____
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input checked="" type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%
	
	

Robot!
30 cm obst.
40 cm ht.

SECOND VISIT-Fate
Date <u>6/18/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>8</u> # egg hatch
<u>0</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes About .125m North
of road

Location Sketch

Unit # 7
Transect # 67 5/2
Nest # 307 is located
25 ft in North
 South
of flag and
0 ft in East
 West
of Transect line
Grazing Cell # _____
Paddock # _____







Compute Mayfield			
_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/1/01 JK
fate 6/29/01

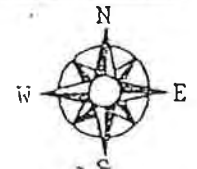
Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 65 ^{N/2}

FIRST VISIT	
Species <u>Gadw</u>	COVER TYPE (circle dominant cover)
Nest # <u>304</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<u>3</u> # eggs	<input checked="" type="checkbox"/> Wx Weed species
<u>0</u> Inc. stage	<input type="checkbox"/> Jba Baltic rush
<u>0</u> # parasitic eggs	<input type="checkbox"/> Cx Sedge
Dist. to standing H ₂ O <u>30ft</u>	<input type="checkbox"/> Ex Spikerush
Soil Surface (check one)	<input type="checkbox"/> Tla Cattail
<input checked="" type="checkbox"/> Dry	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Moist	<input type="checkbox"/> Other _____
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	
	
	

Robot
25 cm obst.
60 cm ht.

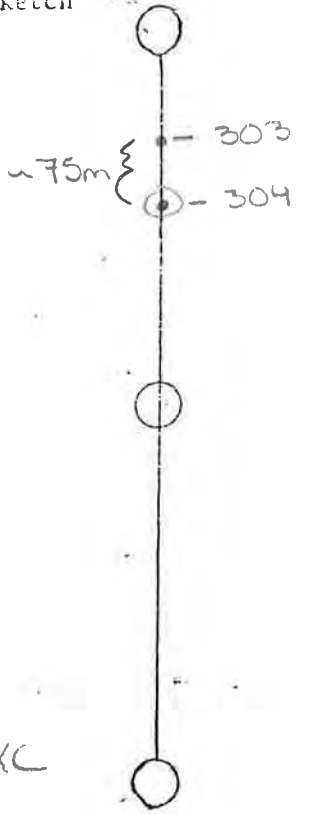
SECOND VISIT-Fate
Date <u>6/18/01</u>
(check one)
<input type="checkbox"/> Hatch
<u> </u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Location Sketch

Notes ~75 m. south of 303

Unit # _____
 Transect # _____
 Nest # 304 is located
25ft in North South
 of flag and
0ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

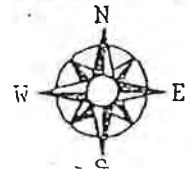
Fate 6/1/01 XC
6/29/01

Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 63 1/2

FIRST VISIT			
Species <u>Mall</u>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input checked="" type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____		
Nest # <u>302</u>			
Status (check one)			
<input checked="" type="checkbox"/> Active			
<input type="checkbox"/> Hatched			
<input type="checkbox"/> Abandoned			
<input type="checkbox"/> Destroyed			
<u>8</u> # eggs			
<u>12</u> Inc. stage			
<u>0</u> # parasitic eggs			
Dist. to standing H ₂ O <u>2 ft</u>			
Soil Surface (check one)	white top		
<input checked="" type="checkbox"/> Dry			
<input type="checkbox"/> Moist	Robel : 25 cm Vis. Obs. 55 cm Max ht.		
<input type="checkbox"/> Flooded			
Aerial Cover (check one)			
<input type="checkbox"/> A. 100-75%	<input checked="" type="checkbox"/> B. 75-50%	<input type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%

SECOND VISIT - Fate
Date <u>6/18/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>8</u> # egg hatch
<u>0</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes About 16 m from
road on south side of
levee.

Location Sketch

Unit # 7
Transect # 63 1/2
Nest # 302 is located
25ft in North
 South
of flag and
0 ft in East
 West
of Transect line
Grazing Cell # _____
Paddock # _____



Compute Mayfield			
_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/1/01 JLC
Fate 6/26/01

Duplicate
(original in
handbook nest
form file)

ND

Waterfowl Production Survey

Observer Sanders Date 5/22/01 Unit # 7 Transect # 65 1/2

FIRST VISIT


Species COOT
Nest # 303
Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

___ # eggs
___ Inc. stage
___ # parasitic eggs

Dist. to standing H₂O ___ ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

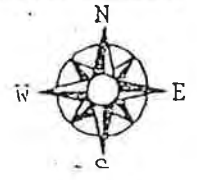
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%



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 6/18/01
No egg shells found
(check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes _____

Location Sketch

Unit # _____
Transect # _____
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

Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 65 N/2

FIRST VISIT


Species Mall
 Nest # 305 (off Transect)
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
0 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 5 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

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



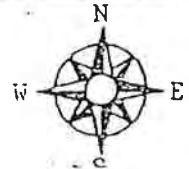
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Robel
25 cm obst.
40 cm hb.

SECOND VISIT - Fate

Date 6/18/01

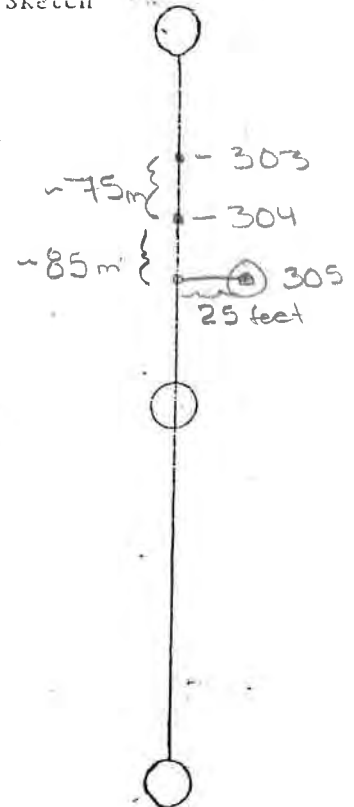
(check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes About 85 m South of 304

Location Sketch

Unit # 7
 Transect # 65 N/2
 Nest # 305 is located
0.25 ft in North South
25 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

6/29/01

Waterfowl Production Survey

Observer TAS Date 5/22/01 Unit # 7 Transect # 69 9/2

FIRST VISIT

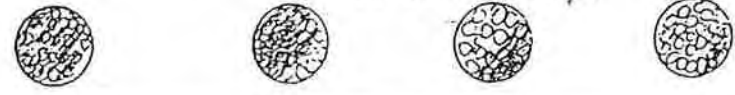
Species NOPI
 Nest # 310 (off-transect)
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
0 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 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 _____

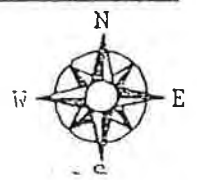
Robel
40 cm obst.
60 cm ht.

SECOND VISIT-Fate

Date 6/19/01

(check one)

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



Location Sketch

Notes _____

Unit # 7
 Transect # 69 9/2
 Nest # 310 is located
025ft in North
 South
 of flag and
33 ft in East
 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	

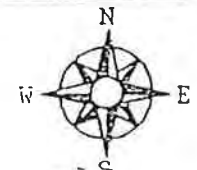
6/29/01

Waterfowl Production Survey

Observer Todd Sanders, COOW Date 6/18/01 Unit # 7 Transect # 65 5/2

FIRST VISIT																											
<p>Species <u>CITE</u> Nest # <u>315</u> Status (check one) <input type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Destroyed <i>Raven/magpie</i></p> <p><u>11</u> # eggs <u>N/A</u> Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	<p style="text-align: center;">COVER TYPE <small>(circle dominant cover)</small></p> <table style="width: 100%; border: none;"> <tr><td><input type="checkbox"/> Sx</td><td>Willow</td></tr> <tr><td><input type="checkbox"/> Sve</td><td>Greasewood</td></tr> <tr><td><input type="checkbox"/> Crx</td><td>Rabbit brush</td></tr> <tr><td><input type="checkbox"/> Dst</td><td>Salt grass</td></tr> <tr><td><input type="checkbox"/> Gx</td><td>Grass species</td></tr> <tr><td><input type="checkbox"/> MoF</td><td>Sweetclover</td></tr> <tr><td><input type="checkbox"/> Wx</td><td>Weed species</td></tr> <tr><td><input checked="" type="checkbox"/> Jba</td><td>Baltic rush</td></tr> <tr><td><input type="checkbox"/> Cx</td><td>Sedge</td></tr> <tr><td><input type="checkbox"/> Ex</td><td>Spikerush</td></tr> <tr><td><input type="checkbox"/> Tla</td><td>Cattail</td></tr> <tr><td><input type="checkbox"/> Sva</td><td>Bullrush</td></tr> <tr><td><input type="checkbox"/> Other</td><td>_____</td></tr> </table> <p style="margin-top: 20px;"><i>V.B. obsl. 40</i> <i>Max ht. 75</i></p>	<input type="checkbox"/> Sx	Willow	<input type="checkbox"/> Sve	Greasewood	<input type="checkbox"/> Crx	Rabbit brush	<input type="checkbox"/> Dst	Salt grass	<input type="checkbox"/> Gx	Grass species	<input type="checkbox"/> MoF	Sweetclover	<input type="checkbox"/> Wx	Weed species	<input checked="" type="checkbox"/> Jba	Baltic rush	<input type="checkbox"/> Cx	Sedge	<input type="checkbox"/> Ex	Spikerush	<input type="checkbox"/> Tla	Cattail	<input type="checkbox"/> Sva	Bullrush	<input type="checkbox"/> Other	_____
<input type="checkbox"/> Sx	Willow																										
<input type="checkbox"/> Sve	Greasewood																										
<input type="checkbox"/> Crx	Rabbit brush																										
<input type="checkbox"/> Dst	Salt grass																										
<input type="checkbox"/> Gx	Grass species																										
<input type="checkbox"/> MoF	Sweetclover																										
<input type="checkbox"/> Wx	Weed species																										
<input checked="" type="checkbox"/> Jba	Baltic rush																										
<input type="checkbox"/> Cx	Sedge																										
<input type="checkbox"/> Ex	Spikerush																										
<input type="checkbox"/> Tla	Cattail																										
<input type="checkbox"/> Sva	Bullrush																										
<input type="checkbox"/> Other	_____																										

SECOND VISIT-Fate
Date <u>6/18/01</u>
(check one)
<input type="checkbox"/> Hatch
<u> </u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input checked="" type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

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 # _____



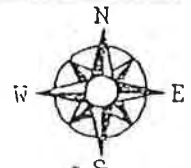
Compute Mayfield			
_____ Species ADU	_____ Initiation date	_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days	_____ age when found	

Waterfowl Production Survey

Observer Todd Sanders, COW Date 6/19/01 Unit # 7 Transect # 67 1/2

FIRST VISIT	
<p>Species <u>CITE</u></p> <p>Nest # <u>317</u></p> <p>Status (check one)</p> <p><input type="checkbox"/> Active</p> <p><input checked="" type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>7</u> # eggs</p> <p><u>N/A</u> Inc. stage</p> <p><u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>15</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input checked="" type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center; font-size: small;">(circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>6/19/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch</p> <p><u>7</u> # egg hatch</p> <p>_____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <p style="margin-left: 20px;"><input type="checkbox"/> Raven/magpie</p> <p style="margin-left: 20px;"><input type="checkbox"/> Skunk</p> <p style="margin-left: 20px;"><input type="checkbox"/> Raccoon</p> <p style="margin-left: 20px;"><input type="checkbox"/> Coyote</p> <p style="margin-left: 20px;"><input type="checkbox"/> Unknown</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other _____</p>



Notes _____

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	_____	

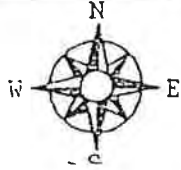
7/13/01 KC

Waterfowl Production Survey

Observer Todd Sanders, CDow Date 6/19/01 Unit # 7 Transect 69 5/2

FIRST VISIT	
Species <u>GITE</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>318</u>	
Status (check one)	
<input type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input checked="" type="checkbox"/> Destroyed <u>unknown</u>	
<u>5</u> # eggs	
<u>N/A</u> Inc. stage	
<u>0</u> # parasitic eggs	
Dist. to standing H ₂ O <u>45</u> ft	
Soil Surface (check one)	
<input checked="" type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input checked="" type="checkbox"/> D. 25-0%
	
	

SECOND VISIT - Fate
Date <u>6/19/01</u>
(check one)
<input type="checkbox"/> Hatch
<u> </u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed <u>5 eggs</u>
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

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 ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days
_____	acc when found	_____	

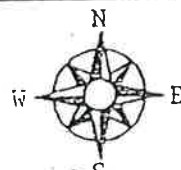
7/15/01 PC

Waterfowl Production Survey

Observer Stone Date 6/6/01 Unit # 7 Transect # 49 1/2

FIRST VISIT	
<p>Species <u>Redh</u></p> <p>Nest # <u>20</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>16</u> # eggs</p> <p><u>12</u> Inc. stage</p> <p><u>1</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>3"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><u>90%</u> <input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><u>10%</u> <input checked="" type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT - Fate
<u>Crowder</u>
Date <u>7/26/01</u>
(check one)
<input type="checkbox"/> Hatch
_____ # egg hatch
_____ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input checked="" type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Location Sketch

Notes Most eggs slightly larger than male & you can candle. 1-2 larger. And can not candle candle

egg color - white to tanish

nest has down.

Nest very obvious, on suba platform.

* → There is a degraded teal nest south of Nest 20 - marked w/ ribbon

Robert = 18 (Refuge Pole)

Unit # 7

Transect # 49 1/2

Nest # 20 is located

25 ft in North

South

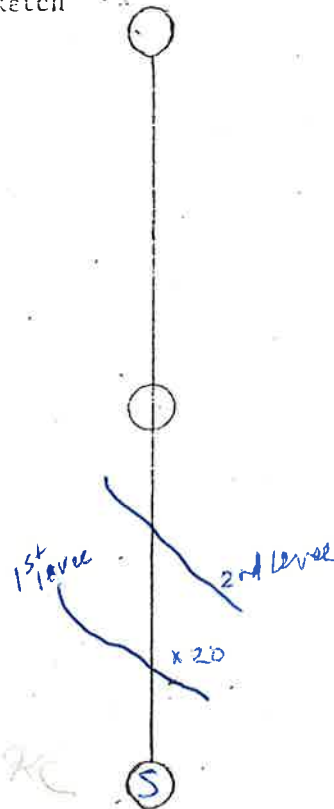
1 ft in East

West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield	
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Entered 7/26/01 RC

Waterfowl Production Survey

Observer Stone Date 6/20/01 Unit # 7 Transect # 49 1/2

FIRST VISIT


Species teal
 Nest # 21
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs _____
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O 100 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

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



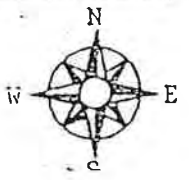
COVER TYPE
(circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT - Fate

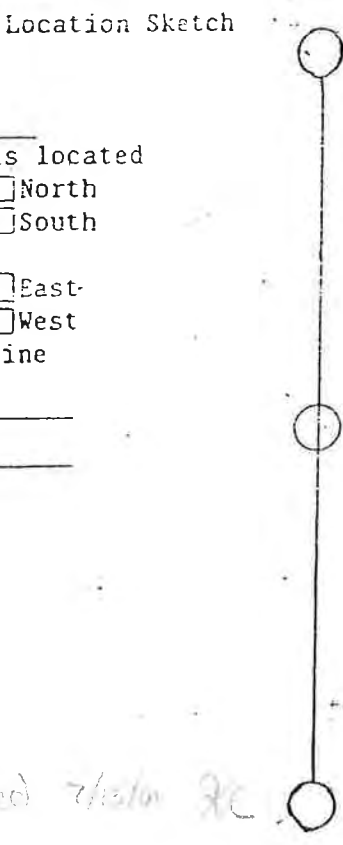
Date 6/20/01

(check one)
 Hatch
 # egg hatch _____
 # egg remain 3
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

*2 teal
1 und
duck*



Notes Robert 17-19



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

Compute Mayfield			
_____ Species ADU	_____ Initiation date	_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days		

Entered 7/13/01 RC

Waterfowl Production Survey

Observer Stone

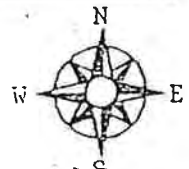
Date 6/20/01

Unit # 7

Transect # 49.5/2

FIRST VISIT	
<p>Species <u>Redh?</u></p> <p>Nest # <u>22</u></p> <p>Status. (check one)</p> <p><input type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p>___ # eggs</p> <p>___ Inc. stage</p> <p>___ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>3"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;">(circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow</p> <p><input checked="" type="checkbox"/> Sve Greasewood 5</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p>95 <input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>6/29/01</u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p> <u>3</u> # egg hatch</p> <p> <u>3</u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p> <input type="checkbox"/> Raven/magpie</p> <p> <input type="checkbox"/> Skunk</p> <p> <input type="checkbox"/> Raccoon</p> <p> <input type="checkbox"/> Coyote</p> <p> <input checked="" type="checkbox"/> Unknown</p> <p> <input type="checkbox"/> Other _____</p>



Notes Robel 17+19

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

Robel AC

not bird

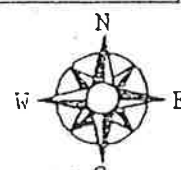
Waterfowl Production Survey

Observer Stone Date 12/01 Unit # 7 Transect # 47 1/2

FIRST VISIT	
Species <u>Mall</u>	COVER TYPE (circle dominant cover)
Nest # <u>23</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<u>7</u> # eggs	<input type="checkbox"/> Wx Weed species
<u>17</u> Inc. stage	<input checked="" type="checkbox"/> Jba Baltic rush
<u>1</u> # parasitic eggs	<input type="checkbox"/> Cx Sedge
<u>Redh</u>	<input type="checkbox"/> Ex Spikerush
Dist. to standing H ₂ O <u>0</u> ft	<input type="checkbox"/> Tla Cattail
Soil Surface (check one)	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Dry	<input type="checkbox"/> Other _____
<input type="checkbox"/> Moist	<u>Nest on top of laid over Juba.</u>
<input checked="" type="checkbox"/> Flooded <u>8"</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. <u>25-0%</u>	

SECOND VISIT-Fate
<u>Crowder</u>
Date <u>7/16/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>7</u> # egg hatch
<u>5</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

5 membranes found



Notes laid over
On Juba, Near tyla
tyla @ SW + N of Nest
Robert 18
21 height

Location Sketch

Unit # 7
 Transect # 47 1/2
 Nest # 23 is located
25 ft in North
 South
 of flag and
1 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Juba
47 1/2
1st level

Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
are when found	

7/16/01 Fate, HC

Waterfowl Production Survey

Observer Stone

Date 5/25/01

Unit # 8

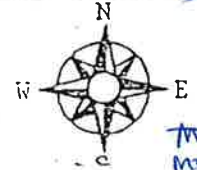
Transect # 79^N 1/2

FIRST VISIT	
Species <u>teal</u> (cite/bute) Nest # <u>17</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
# eggs <u>7</u> Inc. stage <u>4</u> <i>Slight # down</i> # parasitic eggs _____ Dist. to standing H ₂ O <u>6</u> ft Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. <u>25-0%</u>	100% 10"

SECOND VISIT - Fate
Date <u>6/12/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other _____

Stone

Not avian
only 3 eggs left in bowl
Some damn pulled out



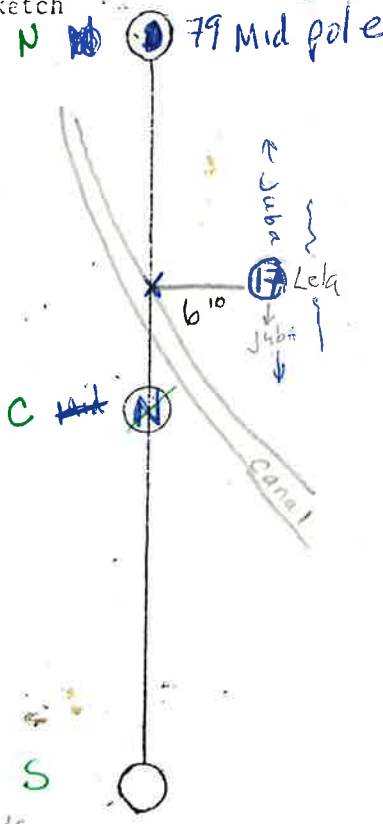
Notes Nest is 6¹⁰ from canal edge (intersection of center line + canal)

Nest in JBA w/ line of lola Right behind (NW) of Nest

X = small piece of ribbon from ribbon measure 6¹⁰ to west for nest

Location Sketch

Unit # 8
 Transect # 79
 Nest # 17 is located 25ft in North South
6 ft 10 in of flag and East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



17 = NEST

Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
Age when found	

6/10/01 RC S
 Fate 6/29/01 RC

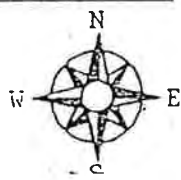
Waterfowl Production Survey

Observer Stone Date 5/25/01 Unit # 8 Transect # 81 5/2

FIRST VISIT	
Species <u>Mall</u>	COVER TYPE
Nest # <u>18</u>	(circle dominant cover)
Status (check one)	<input type="checkbox"/> Sx Willow
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Sve Greasewood
<input type="checkbox"/> Hatched	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Destroyed	<input type="checkbox"/> Gx Grass species
<u>1</u> # eggs	<input type="checkbox"/> MoF Sweetclover
<input checked="" type="checkbox"/> Inc. stage	<input type="checkbox"/> Wx Weed species
<u>—</u> # parasitic eggs	<input type="checkbox"/> Jba Baltic rush
Dist. to standing H ₂ O <u>0</u> ft	<input type="checkbox"/> Cx Sedge
Soil Surface (check one)	<input type="checkbox"/> Ex Spikerush
<input type="checkbox"/> Dry	<input checked="" type="checkbox"/> T1a Cattail
<input type="checkbox"/> Moist	<input checked="" type="checkbox"/> Sva Bullrush
<input checked="" type="checkbox"/> Flooded	<input type="checkbox"/> Other _____
Aerial Cover (check one)	
<input checked="" type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%

SECOND VISIT - Fate
<u>6-19-01 active, Stone</u>
Date <u>7/10/01</u> <u>Stone</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>8</u> # egg hatch
<u>—</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

found 6 membranes
Assume 8 hatched



Notes _____

Small piece of flagging
tied directly over
nest bowl

6-19-01

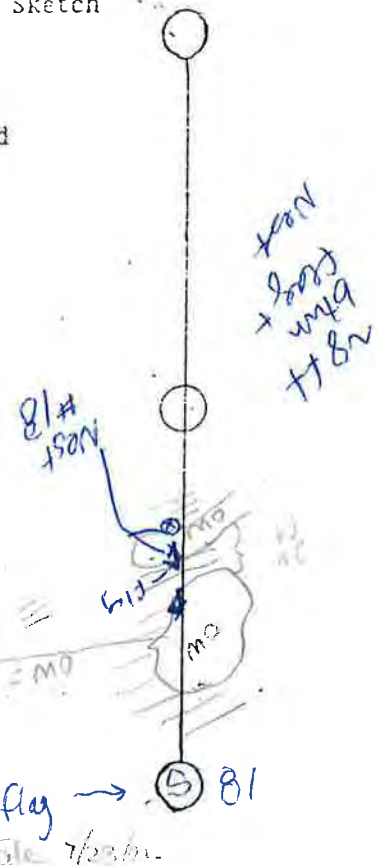
8 eggs, hen on nest 23 days,
1 egg slightly cracked.

7-10-01

dry under bowl, ponds +
bullrush clumps to N of
nest are 100% dry. Dwb
area just S of nest has
3-8" H₂O

Location Sketch

Unit # 8
Transect # 81
Nest # 18 is located
25 ft in North
 South
of flag and
18 ft in East
 West
of Transect line
Grazing Cell # _____
Paddock # _____



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
are when found	

Pole w/ flag -> (S) 81
6/10/01 RC Fate 7/23/01

found Destroyed when found

Waterfowl Production Survey

Observer Stone Date 5/25/01 Unit # 8 Transect # 73 1/2

FIRST VISIT

Species Mall
 Nest # 15
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O ___ ft

Soil Surface (check one) 1/4 mile?
 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 _____

100%

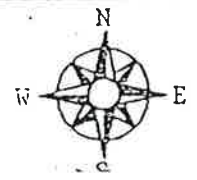
Difficult to tell, area is so disturbed

SECOND VISIT - Fate

Date 5/25/01

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

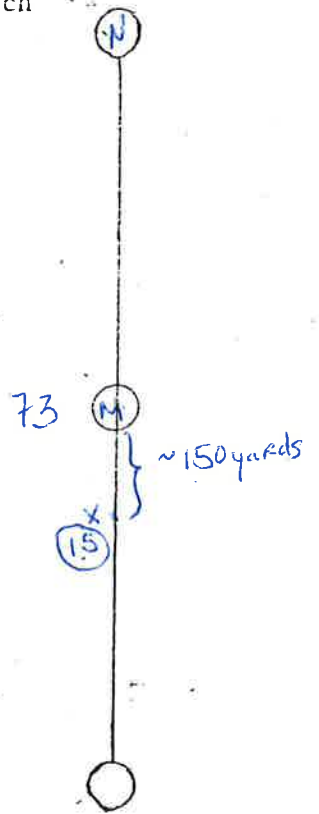
Mammal But not weasel or mink



Notes Down + Nest bowl
Material pulled out of nest
NO SKUNK odor on nest material
Eggs not crushed but NO fine tooth edges in shells
skunk? Badger?
Destroyed w/in last 24(?) hours, egg yolk "runny" - some still present.

Location Sketch

Unit # _____
 Transect # _____
 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

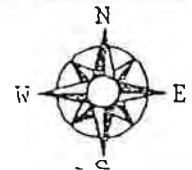
6/1/01 HC

Waterfowl Production Survey

Observer Stone Date 5/25/01 Unit # 8 Transect # 81 N/2

FIRST VISIT	
<p>Species <u>A. coot</u> Nest # <u>ND 8</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>9</u> # eggs _____ Inc. stage _____ # parasitic eggs</p> <p>Dist. to standing H₂O _____ ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>~ 1.5ft</u></p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input checked="" type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

SECOND VISIT—Fate
<p>Date <u> / / </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <div style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____ </div>



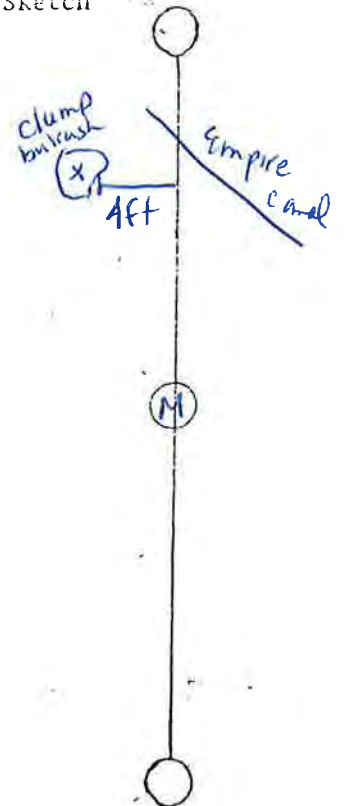
Notes _____

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
 _____ 25ft in North
 South

_____ of flag and
 _____ ft in East
 West
 _____ of Transect line

Grazing Cell # _____
 Paddock # _____



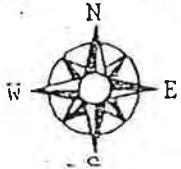
Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

Waterfowl Production Survey

Observer Stone Date 6/19/01 Unit # 8 Transect # 73 1/2

FIRST VISIT	
<p>Species <u>Sparrow</u> Nest # <u>NG 50</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p>_____ # eggs _____ Inc. stage _____ # parasitic eggs</p> <p>Dist. to standing H₂O _____ ft</p> <p>Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div>	<p style="text-align: center;">COVER TYPE <small>(circle dominant cover)</small></p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____ <p style="margin-left: 20px;"><i>100%</i></p>

SECOND VISIT-Fate
<p>Date <u> / / </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes 2 chicks in nest bowl

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
 25ft in North
 South

of flag and
 ft in East
 West




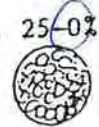
of Transect line

Grazing Cell # _____
 Paddock # _____

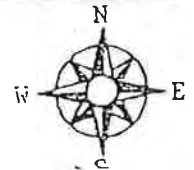
Compute Mayfield			
_____ Species ADU	_____ Initiation date	_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days		

Waterfowl Production Survey

Observer Stone Date 6/21/01 Unit # 8 Transect # 79

FIRST VISIT	
Species <u>Amav</u>	COVER TYPE <small>(circle dominant cover)</small>
Nest # <u>NDS2</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<u>3</u> # eggs	<input type="checkbox"/> Wx Weed species
— Inc. stage	<input type="checkbox"/> Jba Baltic rush
— # parasitic eggs	<input type="checkbox"/> Cx Sedge
Dist. to standing H ₂ O <u> </u> ft	<input type="checkbox"/> Ex Spikerush
Soil Surface (check one)	<input type="checkbox"/> Tla Cattail
<input type="checkbox"/> Dry	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Moist	<input type="checkbox"/> Other _____
<input type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%	
	
	

SECOND VISIT-Fate
Date <u> </u> / <u> </u> / <u> </u>
(check one)
<input type="checkbox"/> Hatch <u> </u> # egg hatch <u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Location Sketch

Notes @ edge of thin
juba/horu, bank ground
pocket is 2' ft away
Nest in downed fold bottle
ems

Unit # _____
Transect # _____
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

Waterfowl Production Surveys

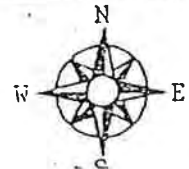
Unit 9

Waterfowl Production Survey

Observer Garcia R. Date 5/22/01 Unit # 9 Transect # T103 1/2

FIRST VISIT	
Species <u>Mal</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>100</u>	
Status. (check one)	
<input type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input checked="" type="checkbox"/> Destroyed	
<u>3+</u> # eggs	
___ Inc. stage	
___ # parasitic eggs	
Dist. to standing H ₂ O <u>0</u> ft	<u>100%</u>
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>6"</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	
	
	

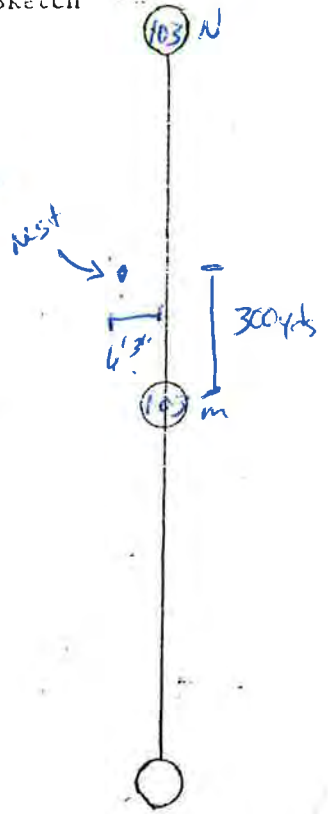
SECOND VISIT - Fate
Date <u>5/22/01</u>
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input checked="" type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 9
 Transect # 103 1/2
 Nest # 100 is located
25ft in North
 South
 of flag and
6ft 3 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
___ Species ADU	___	___ Initiation date	___
___ # eggs hatched	___	___ Est. hatch date	___
___ # eggs remain	___	___ Exposure days	___

colibri HC

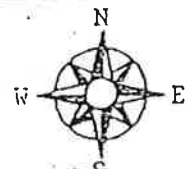
Waterfowl Production Survey

Observer R. Garcia Date 5/22/01 Unit # 9 Transect # 99 1/2

FIRST VISIT	
Species <u>Mall/Bwt</u>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>101</u>	
Status (check one)	
<input checked="" type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input type="checkbox"/> Destroyed	
<u>5</u> # eggs	
<input checked="" type="checkbox"/> Inc. stage	
<u>yes</u> # parasitic eggs	
Dist. to standing H ₂ O <u>0</u> ft	
Soil Surface (check one)	<u>7-11-01 - soil moist under bowl but no standing H₂O from South T99 to mid pole 99.</u>
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>9"</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input checked="" type="checkbox"/> C. 50-25%
<input type="checkbox"/> B. 75-50%	<input type="checkbox"/> D. 25-0%

SECOND VISIT - Fate
Date <u>7/11/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>7</u> # egg hatch
<u>3</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

Mall eggs
7 membranes found



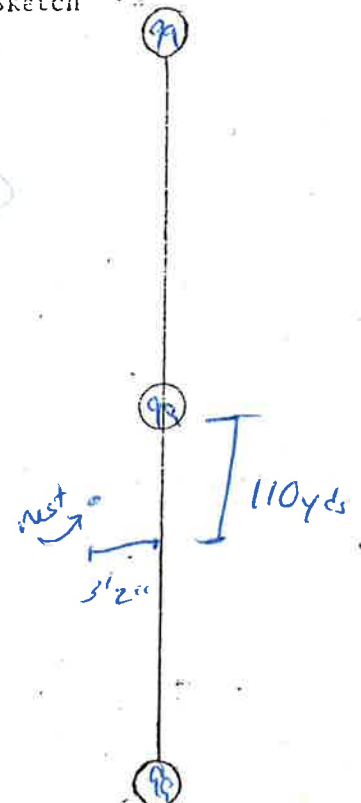
Notes
2 Mallard Eggs and 3 Teal eggs all cold and covered.

4/21/00 - Now 7 mall eggs about 20st days and three teal eggs which are pipping... left flag

Mallard hen flushed

Location Sketch

Unit # 9
 Transect # 99 1/2
 Nest # 101 is located
25ft 0 in North South
3ft 7 in East West
 of flag and
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
_____	Species AOU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/10/01 JC

Waterfowl Production Survey

Observer R. Garcia Date 5/27/01 Unit # 9 Transect # T97 1/2

FIRST VISIT

Species R.W. Brn
 Nest # ND-105
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 0ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 7"

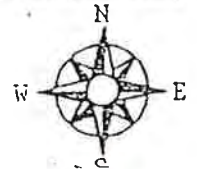
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

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 / /

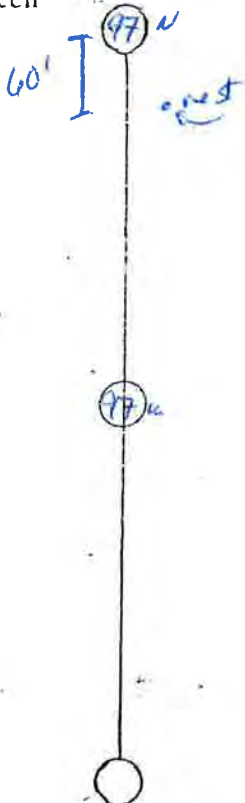
(check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes _____

Location Sketch

Unit # 9
 Transect # T97 1/2
 Nest # _____ is located
25ft in North
 South
 of flag and
4 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____




Compute Mayfield

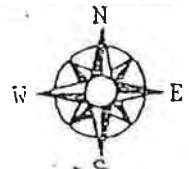
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Waterfowl Production Survey

Observer R Garcia Date 5/22/01 Unit # 9 Transect # 99 1/2

FIRST VISIT	
Species <u>YHBBird</u> Nest # <u>ND103</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>2</u> # eggs ___ Inc. stage ___ # parasitic eggs Dist. to standing H ₂ O ___ ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>8"</u> Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% 	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____ 100%

SECOND VISIT-Fate
Date <u> / / </u> (check one) <input type="checkbox"/> Hatch ___ # egg hatch ___ # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Location Sketch

Notes _____

Unit # 9
 Transect # 99 1/2
 Nest # ND103 is located
25 ft in North
 South
 of flag and
4 ft 1 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



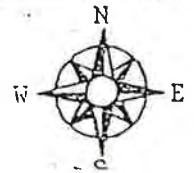
Compute Mayfield	
___ Species ADU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days

Waterfowl Production Survey

Observer R. Garcia Date 5/22/01 Unit # 9 Transect # 97 1/2

FIRST VISIT	
<p>Species <u>Y-H BBW</u> Nest # <u>ND-104</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>4</u> # eggs ___ Inc. stage ___ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>13"</u></p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around;"> </div>	<p style="text-align: center;">COVER TYPE <small>(circle dominant cover)</small></p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <u>100%</u> <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
Date <u> </u> / <u> </u> / <u> </u>
(check one)
<input type="checkbox"/> Hatch ___ # egg hatch ___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

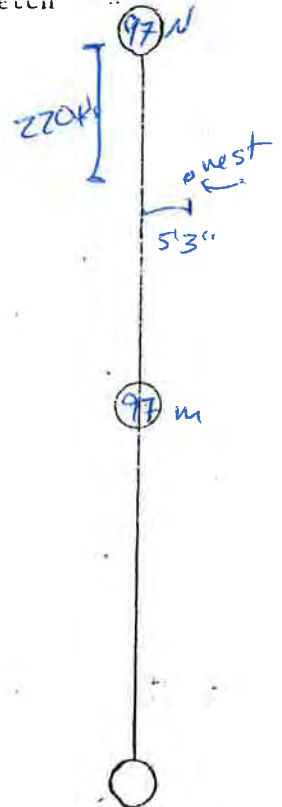


Notes _____

Location Sketch

Unit # 9
 Transect # 97 1/2
 Nest # ND104 is located
25ft in North
 South
 of flag and
6ft 3in East
 West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
___ Species AOU	___	___ Initiation date	___
___ # eggs hatched	___	___ Est. hatch date	___
___ # eggs remain	___	___ Exposure days	___

Waterfowl Production Survey

Observer R Garcia Date 5/24/01 Unit # 9 Transect # 103 1/2

FIRST VISIT

Species Rwb. B. Bird
 Nest # NO-102
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 0 ft 20

Soil Surface (check one)
 Dry
 Moist
 Flooded 6"

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

COVER TYPE
(circle dominant cover)

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	<u>Lela</u>

SECOND VISIT-Fate

Date 1/1

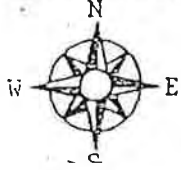
(check one)

Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Location Sketch

Notes _____

Unit # 9
 Transect # 103 1/2
 Nest # _____ is located
25 ft in North
 South
 of flag and
2 ft 1 in East
 West
 of Transect line
 Grazing Cell #
 Paddock #



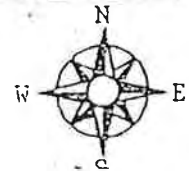
Compute Mayfield	
___ Species ADU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days

Waterfowl Production Survey

Observer R. Garcia Date 5/22/01 Unit # 9 Transect # 1103

FIRST VISIT	
Species <u>Anas</u> Nest # <u>NA-101</u> Status (check one) <input type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Destroyed # eggs <u>1</u> Inc. stage <u>+</u> # parasitic eggs <u>+</u> Dist. to standing H ₂ O <u>0</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input checked="" type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input checked="" type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other <u>Box</u>

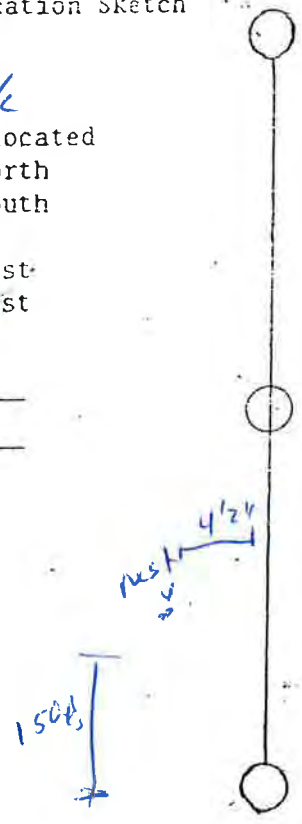
SECOND VISIT-Fate
Date <u>5/22/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 9
 Transect # 1034
 Nest # _____ is located
25 ft in North
 South
 of flag and
4 ft 2 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____







Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

Waterfowl Production Survey

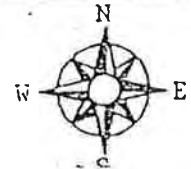
Observer Garvin

Date 5/20/01 Unit # 9

Transect # 103 1/2

FIRST VISIT	
<p>Species <u>Y.H. Blue B. Bird</u></p> <p>Nest # <u>ND100</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>3</u> # eggs</p> <p>___ Inc. stage</p> <p>___ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>9"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="font-size: small;">(circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input checked="" type="checkbox"/> Tla Cattail <u>100%</u></p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u> </u> / <u> </u> / <u> </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="margin-left: 20px;">___ # egg hatch</p> <p style="margin-left: 20px;">___ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Location Sketch

Notes _____

Unit # 9

Transect # 103 1/2

Nest # ND100 is located

25 ft in North

South

of flag and

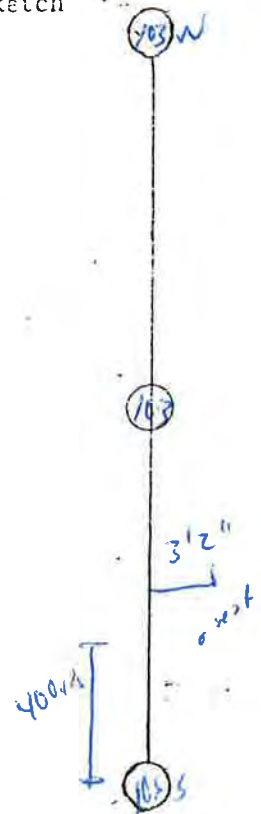
3 ft 2 in East

West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield			
___ Species ADU	___ Initiation date	___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days		

Waterfowl Production Survey

Observer R. Garcia Date 5/22/01 Unit # 9 Transect # 97 1/2

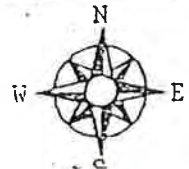
FIRST VISIT

Species Cinnamon/Belt
 Nest # 103
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed
 Flooded (#) 6
6 # eggs
 Inc. stage
2 # parasitic eggs
 Dist. to standing H₂O 0 ft
 Soil Surface (check one)
 Dry
 Moist
 Flooded 8"
 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
100% Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 5/22/01
 (check one)
 Hatch
 _____ # egg hatch
 _____ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Red head →

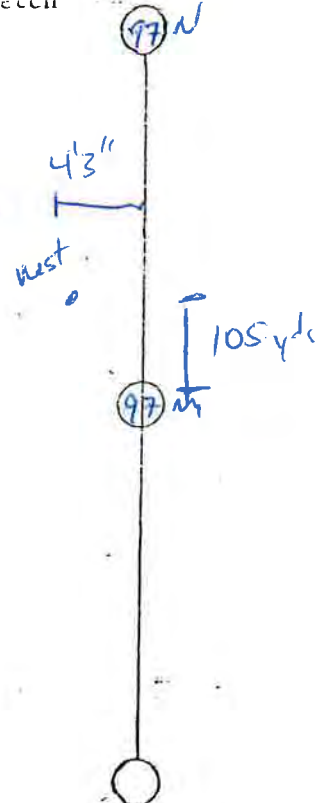
Notes _____

* Nest 15' N of 102

Ribbon in Pond

Location Sketch

Unit # 9
 Transect # 97 1/2
 Nest # 103 is located
25ft in North
 South
 of flag and
4 ft 3 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____







Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

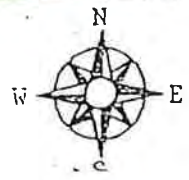
6/1/01 KC

Waterfowl Production Survey

Observer Aarcia Date 5/22/01 Unit # 9 Transect # T97 1/2

FIRST VISIT	
Species <u>Mallard</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>102</u>	
Status (check one)	
<input type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input checked="" type="checkbox"/> Destroyed	
<u>1+</u> # eggs	
___ Inc. stage	
___ # parasitic eggs	
Dist. to standing H ₂ O <u>0ft</u>	<u>100%</u>
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>8"</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input checked="" type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%
	
	

SECOND VISIT-Fate
Date <u>5/22/01</u>
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input checked="" type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other



Notes _____

* R. bbm

Location Sketch

Unit # 9

Transect # T97 1/2

Nest # 102 is located

25ft in North

South

of flag and

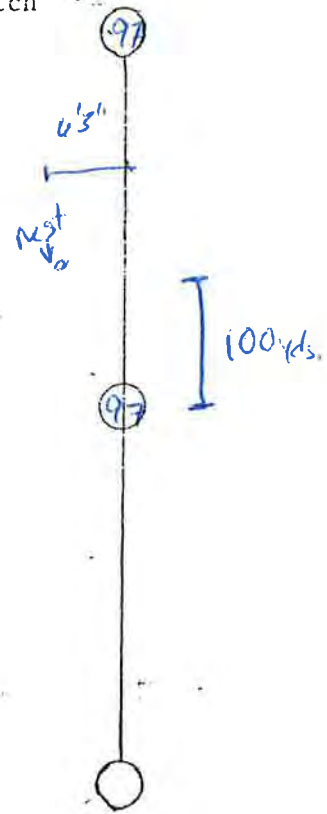
6ft 3 in East

West

of Transect line

Grazing Cell # _____

Paddock # _____







Compute Mayfield			
___	Species AOU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days

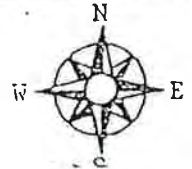
6/1/01 KC

Waterfowl Production Survey

Observer P. Garcia Date 5/23/01 Unit # 9 Transect # 93 1/2

FIRST VISIT	
<p>Species <u>Goose, Canada</u></p> <p>Nest # <u>ND-104</u></p> <p>Status (check one)</p> <p><input type="checkbox"/> Active</p> <p><input checked="" type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p>? # eggs</p> <p>— Inc. stage</p> <p>— # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>4"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><u>5%</u> <input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><u>95%</u> <input checked="" type="checkbox"/> T1a Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT—Fate
<p>Date <u>5/23/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"><u>All</u> # egg hatch</p> <p style="margin-left: 20px;"># egg remain _____</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <p style="margin-left: 20px;"><input type="checkbox"/> Raven/magpie</p> <p style="margin-left: 20px;"><input type="checkbox"/> Skunk</p> <p style="margin-left: 20px;"><input type="checkbox"/> Raccoon</p> <p style="margin-left: 20px;"><input type="checkbox"/> Coyote</p> <p style="margin-left: 20px;"><input type="checkbox"/> Unknown</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other _____</p>



Location Sketch

Notes _____

Unit # 9

Transect # 93 1/2

Nest # _____ is located

25ft in North

South

of flag and

1 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		

Waterfowl Production Survey

Observer R. Garcia Date 5/23/01 Unit # 9 Transect # 95 1/2

FIRST VISIT

Species Cinn/But
 Nest # 104 (C00W-3)
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
0 Inc. stage
- # parasitic eggs

Dist. to standing H₂O 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%

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 _____

(circle dominant cover)

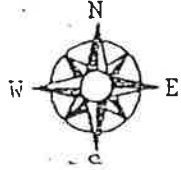
100%

SECOND VISIT - Fate

Date 6/21/01

(check one)
 Hatch
8 # egg hatch
8 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

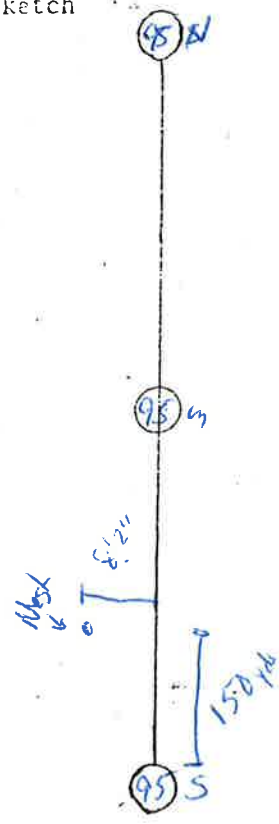
Notes _____

AVH = 12"
Rebel = 7"

77 1 Hatched eggs still in bowl back 22 days but not viable left flag for revisit in July

April 03 - Unfortunately we did not recheck in July.

Unit # 9
 Transect # 95 1/2
 Nest # 104-D3 is located
25ft 0 in North
 South
 of flag and
8 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

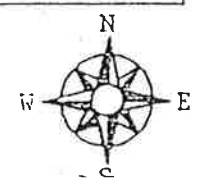
6/1/01 RC

Waterfowl Production Survey

Observer R. Garcia Date 5/23/01 Unit # 9 Transect # 93 1/2

FIRST VISIT	
Species <u>Mallard</u>	COVER TYPE (circle dominant cover)
Nest # <u>105 (CDOW-4)</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<u>6</u> # eggs	<input type="checkbox"/> Wx Weed species
<u>laying</u> Inc. stage	<input checked="" type="checkbox"/> Jba Baltic rush
<u> </u> # parasitic eggs	<input type="checkbox"/> Cx Sedge
Dist. to standing H ₂ O <u>0</u> ft	<input type="checkbox"/> Ex Spikerush
Soil Surface (check one)	<input type="checkbox"/> Tla Cattail
<input type="checkbox"/> Dry	<input type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Moist	<input checked="" type="checkbox"/> Other <u>White top</u>
<input checked="" type="checkbox"/> Flooded <u>5"</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input checked="" type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%

SECOND VISIT-Fate
Date <u>6/21/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>8</u> # egg hatch
<u>1</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other



Notes

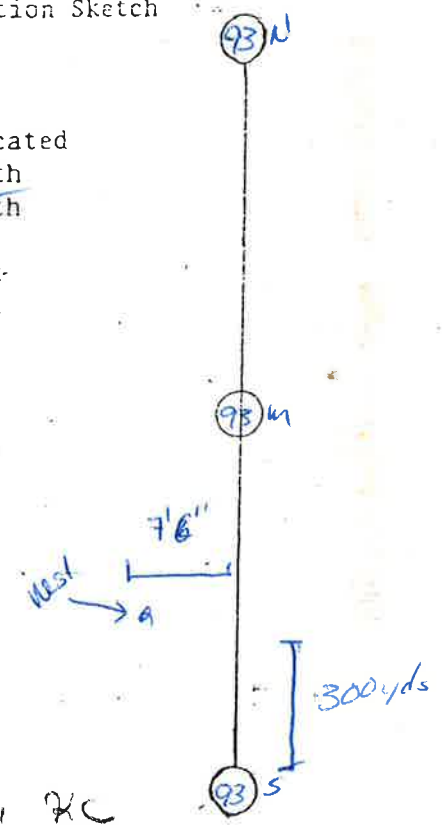
AVH = 23"

Rebel = 14"

* Hen did not flush until I moved her!

Location Sketch

Unit # 9
 Transect # 93 1/2
 Nest # 105-4 is located
25ft 0 in North South
 of flag and
7ft 6 in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____







Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
are when found	

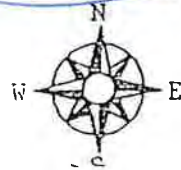
6/1/01 KC
 Fate 6/29/01 KC

Waterfowl Production Survey

Observer R. Garcia Date 5/23/01 Unit # 9 Transect # T91 1/2

FIRST VISIT	
Species <u>Mallard</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>106-5</u>	
Status (check one)	
<input type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input checked="" type="checkbox"/> Destroyed	
<u>37</u> # eggs	
___ Inc. stage	
___ # parasitic eggs	
Dist. to standing H ₂ O <u>0</u> ft	
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input checked="" type="checkbox"/> C. 50-25%
<input type="checkbox"/> B. 75-50%	<input type="checkbox"/> D. 25-0%
	
	

SECOND VISIT-Fate
Date <u>5/23/01</u>
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input checked="" type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

AVgt = 17"

Robot 10"

Location Sketch

Unit # 9

Transect # T91 1/2

Nest # 106-5 is located

25ft in North

South

of flag and

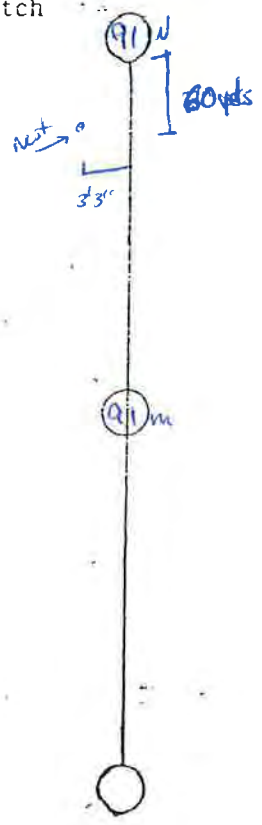
3ft 5in East

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	___		

6/1/01 WC

Waterfowl Production Survey

Observer R. Garcia Date 5/23/01 Unit # 9 Transect # 91 1/2

FIRST VISIT

Species Mallard
 Nest # 107-6
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

1 # eggs
laying Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 0 ft

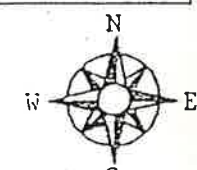
Soil Surface (check one)
 Dry
 Moist
 Flooded 6"

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 100% Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/24/01
 (check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



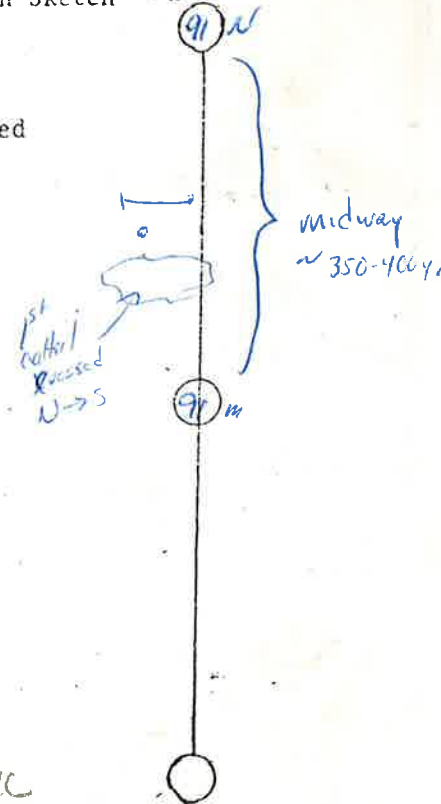
Notes _____

AvH = 21"
Reh = 14"

No evidence of pred
any eggs in bowl and
bowl undisturbed.

Location Sketch

Unit # 9
 Transect # 91 1/2
 Nest # 107-6 is located
 25ft 0 in North
 South
 of flag and
 7ft 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	

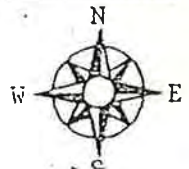
6/1/01 RC
 Fate 6/29/01

Waterfowl Production Survey

Observer R Garcia Date 5/23/01 Unit # 9 Transect # 87 1/2

FIRST VISIT	
<p>Species <u>Curr/Bunt</u></p> <p>Nest # <u>108-10</u></p> <p>Status. (check one)</p> <p><input type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p><u>6</u> # eggs</p> <p><u>+</u> Inc. stage <u>lots of down</u></p> <p><u>+</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>2"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><u>95%</u> <input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><u>5%</u> <input checked="" type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT - Fate
<u>Garcia</u>
Date <u>5-23-01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u> </u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes

AV-H = 74"

Rohel = 10"

Nest on Bank of (6' from H₂O) of Spruce lawn diversion

Location Sketch

Unit # 9

Transect # 87 1/2

Nest # 108-10 is located

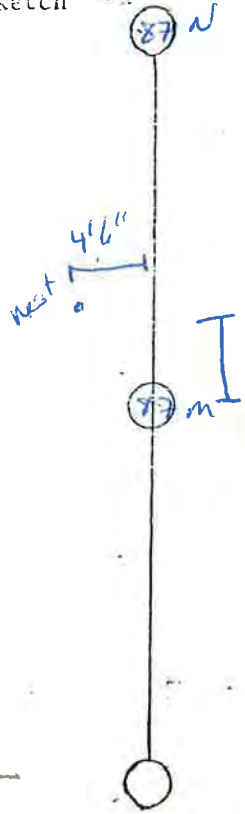
25 ft in North South

of flag and 4 ft East West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield			
_____	Species AOU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

6/1/01 JC

Waterfowl Production Survey

Observer R Garcia Date 5/23/01 Unit # 9 Transect # T95 1/2

FIRST VISIT

Species Mal
 Nest # CDOW-1
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
2d Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 0 ft 10%

Soil Surface (check one)
 Dry
 Moist
 Flooded 7"

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

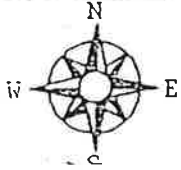
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
90% Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other White top

SECOND VISIT-Fate

Date 6/21/01

(check one)
 Hatch
All # egg hatch
 _____ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



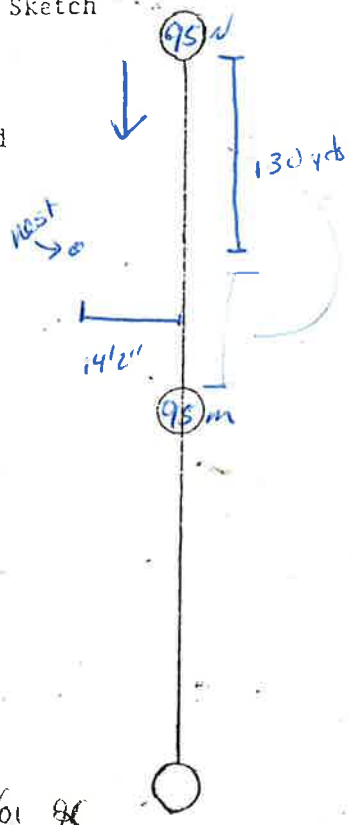
Notes

* Nest is in little cover and water is in bowl, but eggs are warm (have flushed) and seem viable

* Avg Veg height (AVH) = 14"
 Rebel = 5"

Location Sketch

Unit # 9
 Transect # 95 1/2
 Nest # CDOW-1 is located
 25ft 0 in North
 South
 of flag and
 14ft 2 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ ARE when found	

Entered 7/23/01 gc

CDW

Waterfowl Production Survey

Observer R. Garvie Date 5/23/01 Unit # 9 Transect # 95 1/2

FIRST VISIT

Species Cinn/Bust
 Nest # CDW-2
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

10 # eggs
4d Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 2"

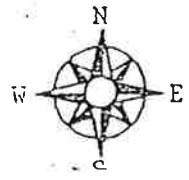
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
95% JBa Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other Whiteloop 5%

SECOND VISIT - Fate

Date 6/21/01

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



Notes

Nest @ very edge (sw) of dike.

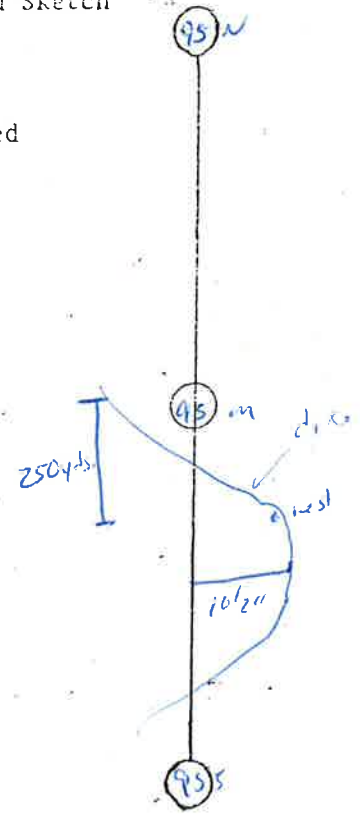
Avit = 18"

Robel = 13"

* Flag is on dike S. of Nest

Location Sketch

Unit # 9
 Transect # 95 1/2
 Nest # CDW-2 is located
25ft in North
 South
 of flag and
10ft 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

7/23/01 RC

CDW

Waterfowl Production Survey

Observer P. Garcia Date 5/23/01 Unit # 9 Transect # 89 1/2

FIRST VISIT

Species Eggs
 Nest # CDW-7
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs
lay Inc. stage
 # parasitic eggs

Dist. to standing H₂O 4 ft 75% 25%

Soil Surface (check one)
 Dry
 Moist
 Flooded

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

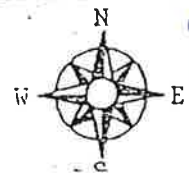
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other Whitetop

SECOND VISIT-Fate

Garcia

Date 6/22/01

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



NO sign of eggs, Nest content etc. found bowl but empty.

Notes

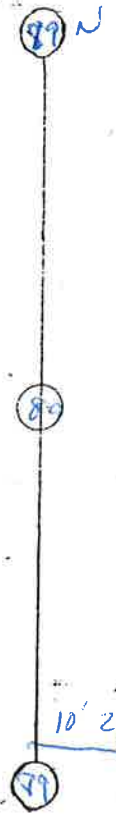
AVH = 15"

Robin = 10"

The where transect marker should be, as marker is down

Location Sketch

Unit # 9
 Transect # 89 1/2
 Nest # CDW-7 is located
25ft in North South
 of flag and
10 ft 2 in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

7/23/01 RC

CDOW

Waterfowl Production Survey

Observer R. Garcia Date 5/13/01 Unit # 9 Transect # 89 1/2

FIRST VISIT

Species Shoveler
 Nest # CDOW-8
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

8 # eggs
10/10 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 0.5 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)

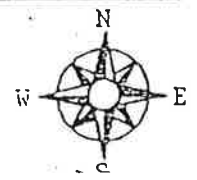
Sx Willow
 Svc Greasewood 90%
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other Whitethop 10%

SECOND VISIT - Fate

Date 6/22/01 Garcia

(check one)
 Hatch
 # egg hatch
1 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes

AVH = .31" SVC / 7" Whitethop

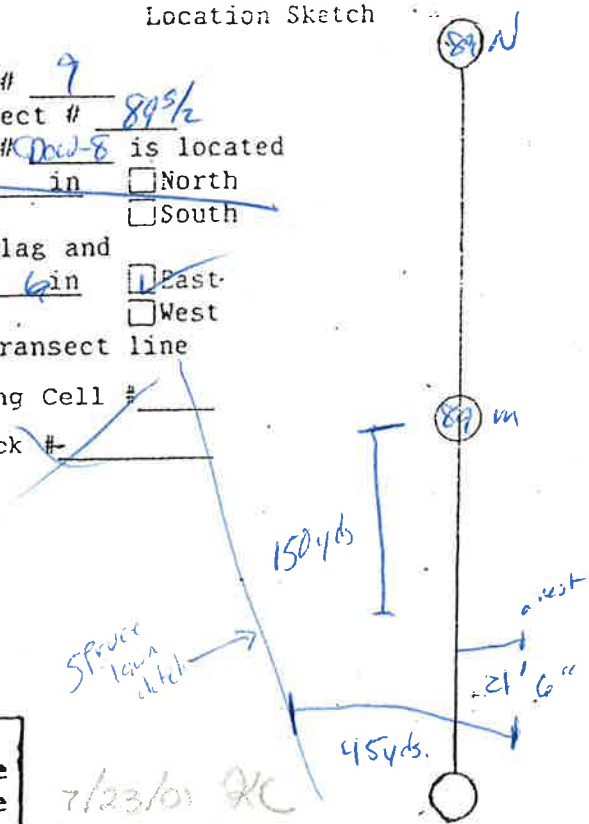
Rabbit = S=0, E=9, N=4, W=0

* Took 4 Rabbits because of patchy set

* Fly directly W of West

Location Sketch

Unit # 9
 Transect # 89 1/2
 Nest # CDOW-8 is located
25ft in North
 South
 of flag and
21 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

CDOW

Waterfowl Production Survey

Observer Rona Garcia Date 5/23/01 Unit # 9 Transect # 89 1/2

FIRST VISIT

Species Mallard
 Nest # CDOW-9
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

8 # eggs
7 Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 1'

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

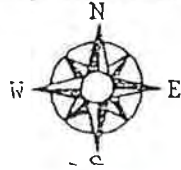
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush 100%
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT - Fate

Date 6/12/01 Garcia

(check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes

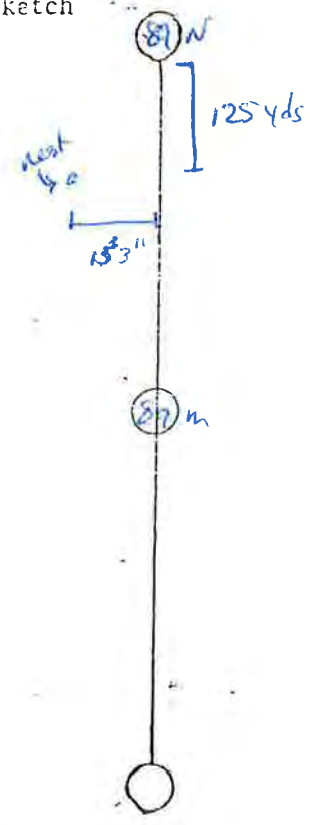
AVH = 27"

Robel = 15"

Location Sketch

Unit # 89 1/2
 Transect # 89 1/2
 Nest # CDOW-9 is located
 25 ft 0 in North South
 of flag and
 15 ft 3 in East 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	

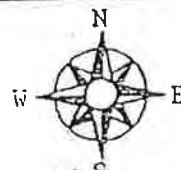
7/25/01 RC

Waterfowl Production Survey

Observer Garcia Date 6/21/01 Unit # 9 Transect # 107 1/2

FIRST VISIT	
<p>Species <u>Redhead</u></p> <p>Nest # <u>120</u></p> <p>Status (check one)</p> <p><input type="checkbox"/> Active</p> <p><input checked="" type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>57</u> # eggs</p> <p><u>1</u> Inc. stage</p> <p><u>1</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>2"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;">(circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><u>50%</u> <input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><u>50%</u> <input checked="" type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
Date <u>6/21/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>All</u> # egg hatch
egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Location Sketch

Notes _____

Unit # 9

Transect # 107 1/2

Nest # 120 is located

25 ft in North

South

of flag and

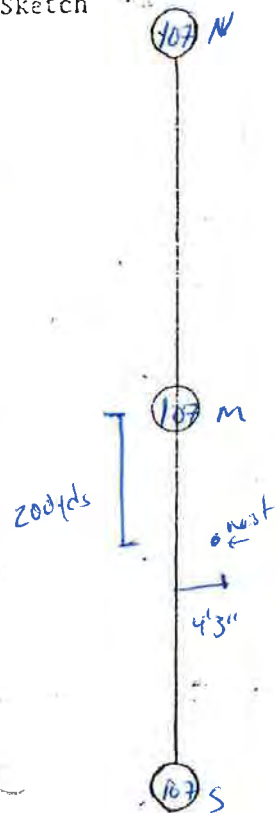
4 ft 3 in East

West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

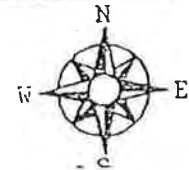
7/10/01 KC

Waterfowl Production Survey

Observer R. Garcia Date 6/21/01 Unit # 9 Transect # 97 1/2

FIRST VISIT	
<p>Species <u>Green-winged Teal</u></p> <p>Nest # <u>122</u></p> <p>Status (check one)</p> <p><input type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p><u>7</u> # eggs</p> <p><u>+</u> Inc. stage</p> <p><u>+</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>9"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush 100%</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
Date <u>6/21/01</u>
(check one)
<input type="checkbox"/> Hatch
_____ # egg hatch
_____ # egg remain
<input type="checkbox"/> Abandoned
<input checked="" type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 9

Transect # 97 1/2

Nest # 122 is located

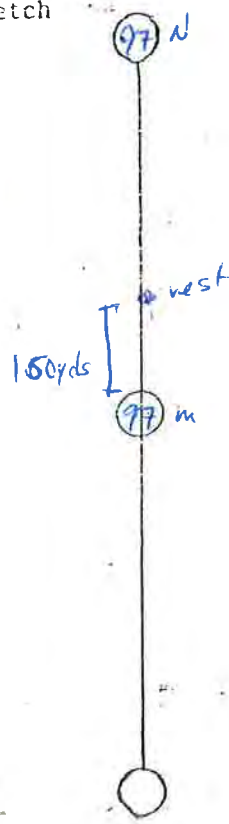
25 ft in North South

of flag and East West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield	
Species AOU _____	Initiation date _____
# eggs hatched _____	Est. hatch date _____
# eggs remain _____	Exposure days _____

7/3/01 MC

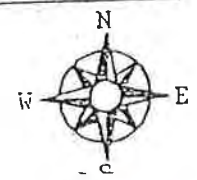
Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 9 Transect # 9 1/2

FIRST VISIT	
<p>Species <u>Cinn/Bwl</u> Nest # <u>123</u> Status. (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>7</u> # eggs <u>8</u> Inc. stage # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>2"</u></p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <u>100%</u> <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>7/17/01</u></p> <p>(check one) <input checked="" type="checkbox"/> Hatch <u>9</u> # egg hatch # egg remain</p> <p><input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed</p> <p style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____</p>

See Back



Notes _____

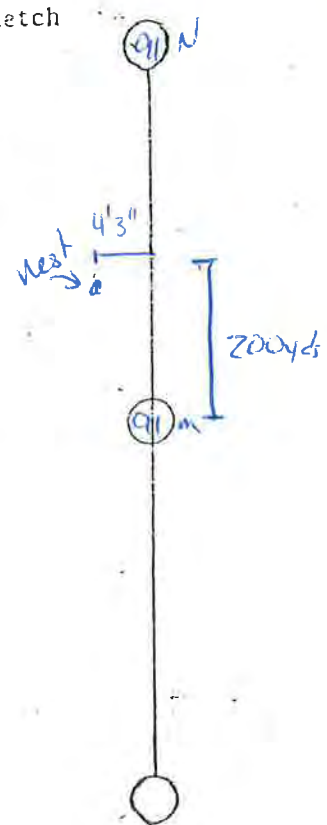
Rebel = 15"

AVG-VEG = 24"

Location Sketch

Unit # 9
 Transect # 9 1/2
 Nest # 123 is located
25ft 0 in North South
4 ft 3 in East West
 of flag and of Transect line





Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species AOU _____	Initiation date _____
# eggs hatched _____	Est. hatch date _____
# eggs remain _____	Exposure days _____

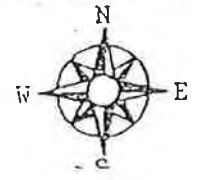
Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 9 Transect # 91 1/2

FIRST VISIT	
Species <u>Mallard</u> Nest # <u>N 124</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>7</u> # eggs <u>30</u> Inc. stage _____ # parasitic eggs Dist. to standing H ₂ O _____ ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>3"</u> Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> T1a Cattail <u>100%</u> <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
↑ Stone Date <u>8/9/01</u> 7/12/01 (check one) <input checked="" type="checkbox"/> Hatch <u>6</u> # egg hatch <u>1</u> # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

7/12/01
 Could not relocate
 :9C

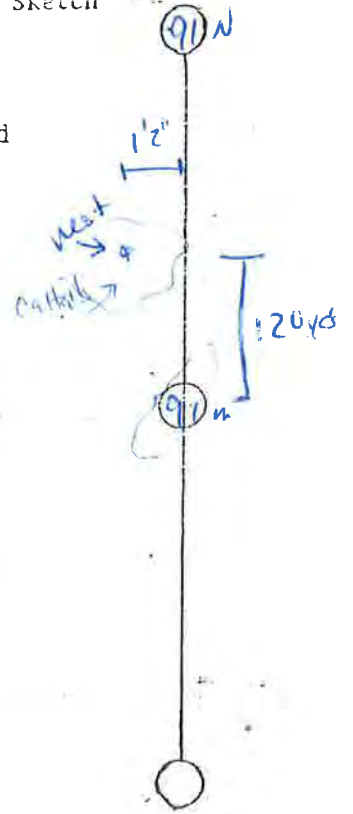


Notes _____

Rebel = ~~32"~~ 32"
AVH = ~ 45"

Location Sketch

Unit # 9
 Transect # 91 1/2
 Nest # 124 is located
25ft in North South
 of flag and 1 ft 2 in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



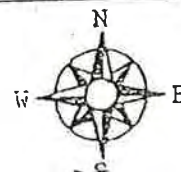
Compute Mayfield	
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 9 Transect # 91 1/2

FIRST VISIT	
Species <u>Gadwall</u> Nest # <u>125</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>7</u> # eggs <u>1</u> Inc. stage # parasitic eggs _____ Dist. to standing H ₂ O <u>8</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input checked="" type="checkbox"/> Other <u>LELA</u>

SECOND VISIT - Fate
<u>See Back</u> Date <u>7/17/01</u> (check one) <input checked="" type="checkbox"/> Hatch <u>5</u> # egg hatch # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Location Sketch

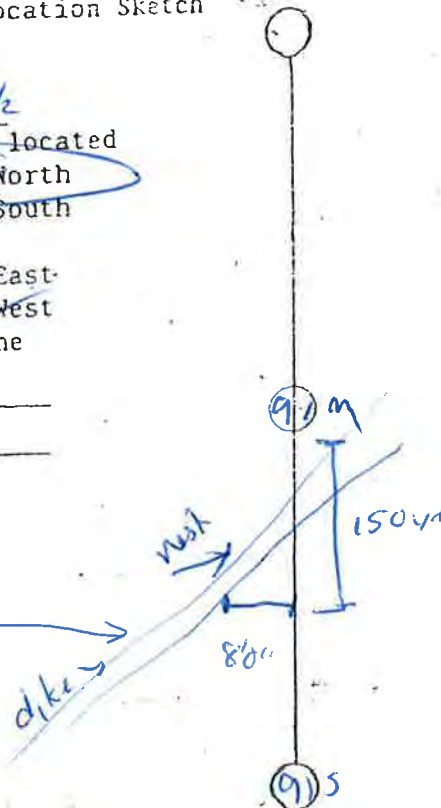
Notes _____

Rebel = 16"

AWH = 26"

Unit # 9
 Transect # 91 1/2
 Nest # 125 is located
25ft North South
8 ft East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Nest on S. Bank of levee

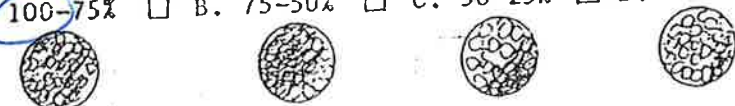


Compute Mayfield	
Species ADU _____	Initiation date _____
# eggs hatched _____	Est. hatch date _____
# eggs remain _____	Exposure days _____

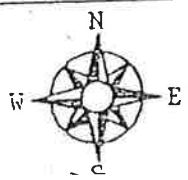
7/13/01 2C

Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 9 Transect # 85%

FIRST VISIT	
Species <u>Pintail</u> Nest # <u>126</u> Status (check one) <input type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Destroyed # eggs <u>64</u> Inc. stage <u>20+</u> <i>membranes very thick, + lots of blood.</i> # parasitic eggs _____ Dist. to standing H ₂ O <u>100</u> ft Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input checked="" type="checkbox"/> Sve Greasewood <i>100%</i> <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT - Fate
Date <u>6/22/01</u> (check one) <input type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input checked="" type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes

Nest completely covered

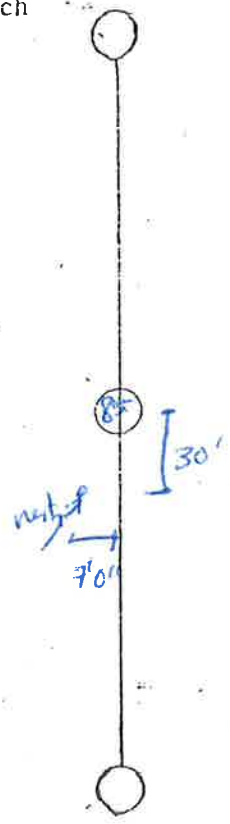
Eggs outside were only the shell nest existed

Rebel = 19

AVH = 33

Location Sketch

Unit # 9
 Transect # 85%
 Nest # 126 is located
25ft in North South
 East West
 of flag and
7ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
Species AOU	_____	Initiation date	_____
# eggs hatched	_____	Est. hatch date	_____
# eggs remain	_____	Exposure days	_____

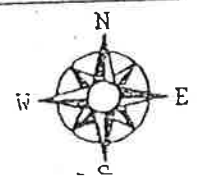
7/13/01 XC

Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 9 Transect # 89 1/2

FIRST VISIT	
<p>Species <u>Mallard</u></p> <p>Nest # <u>127</u></p> <p>Status. (check one)</p> <p><input type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input checked="" type="checkbox"/> Destroyed</p> <p><u>5</u> # eggs</p> <p>Inc. stage _____</p> <p># parasitic eggs _____</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <u>41%</u></p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input checked="" type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

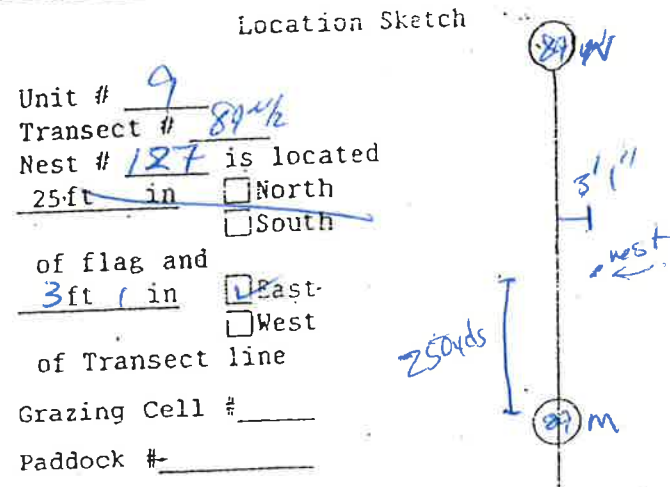
SECOND VISIT-Fate
<p>Date <u>6/22/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"># egg hatch _____</p> <p style="margin-left: 20px;"># egg remain _____</p> <p><input type="checkbox"/> Abandoned</p> <p><input checked="" type="checkbox"/> Flooded</p> <p><input checked="" type="checkbox"/> Destroyed</p> <div style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____ </div>



Notes _____

Rdwd = 28"

AVH = 48"



Unit # 9

Transect # 89 1/2

Nest # 127 is located

25ft in North South

of flag and

3ft in East West

of Transect line

Grazing Cell # _____

Paddock # _____

Compute Mayfield	
Species AOU _____	Initiation date _____
# eggs hatched _____	Est. hatch date _____
# eggs remain _____	Exposure days _____

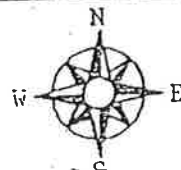
7/13/01 RC

Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 9 Transect # 894

FIRST VISIT	
<p>Species <u>N. Harrier</u> Nest # <u>NP-151</u> Status. (check one) <input type="checkbox"/> Active <input checked="" type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u> </u> # eggs <u> </u> Inc. stage <u> </u> # parasitic eggs</p> <p>Dist. to standing H₂O <u> </u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>4"</u></p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species 20% <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush 80% <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>6/22/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch Assumed <u> </u> # egg hatch <u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed</p> <p style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input checked="" type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____</p>



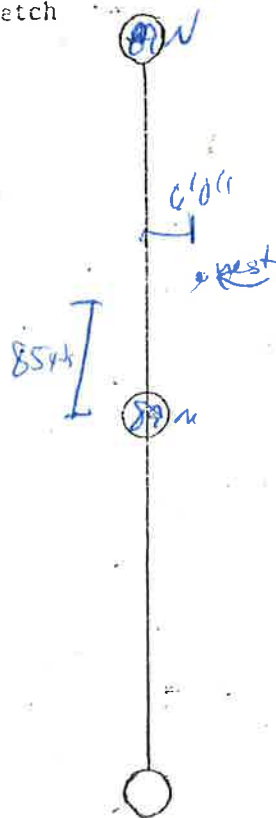
Notes

No evidence of
Shelf etc. Bowl
Red well used ??

Harrier perched on
marker 85 yds away

Location Sketch

Unit # 9
 Transect # 894
 Nest # NP151 is located
 25ft in North
 South
 of flag and
left 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

Waterfowl Production Surveys

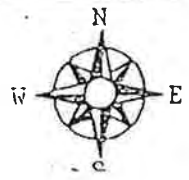
Units 10-16

Waterfowl Production Survey

Observer J. Wardenburg Date 5/23/01 Unit # 10 Transect # 113

FIRST VISIT	
<p>Species <u>C. teal</u> Nest # <u>402</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>6</u> # eggs <u>4</u> Inc. stage <u>1</u> # parasitic eggs (2) Total Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; align-items: center;">     </div>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

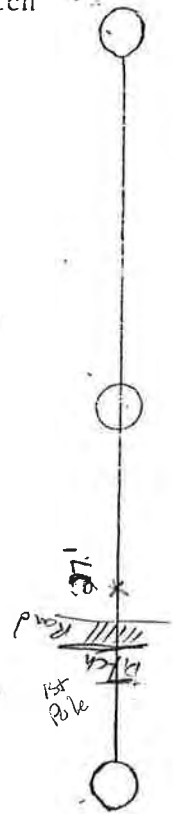
SECOND VISIT-Fate
<p>Date <u>6/20/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch <u>4</u> # egg hatch <u>2</u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 10
 Transect # 113
 Nest # 402 is located
25 ft in North
 South
 of flag and
2 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		

6/29/01

Waterfowl Production Survey

Observer J. Vradenburg Date 5/23/01 Unit # 10 Transect # 115

FIRST VISIT


Species C. Goose
 Nest # ND 402
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

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

Dist. to standing H₂O 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%

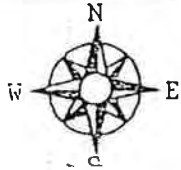


COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 5/23/01
 (check one)
 Hatch
3 # egg hatch
 ___ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes See 3. membranes
MALBEL with Red Ribla

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

Waterfowl Production Survey

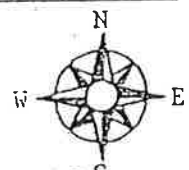
Observer K. Crowder Date 6/25/01 Unit # 11 Transect # 135N 1/2

FIRST VISIT	
<p>Species <u>WAWW GAOW</u></p> <p>Nest # <u>609</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>8</u> # eggs</p> <p><u>21-23</u> Inc. stage</p> <p><u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u> </u> ft</p> <p>Soil Surface (check one)</p> <p><input checked="" type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input checked="" type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other <u> </u></p>

lela 100% 90%

SECOND VISIT - Fate
<p>Date <u>7/10/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch</p> <p><u>8</u> # egg hatch</p> <p><u>0</u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <p><input type="checkbox"/> Raven/magpie</p> <p><input type="checkbox"/> Skunk</p> <p><input type="checkbox"/> Raccoon</p> <p><input type="checkbox"/> Coyote</p> <p><input type="checkbox"/> Unknown</p> <p><input type="checkbox"/> Other <u> </u></p>

f on nest w/ 8 ducklings!



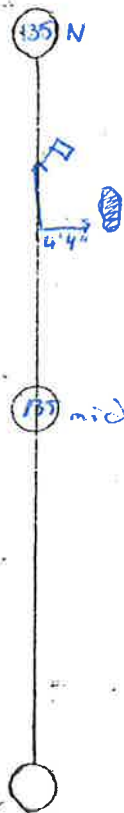
Location Sketch

Notes On W side on small path

7/10/01 Gadwall ♀ still on nest! Tried to attack me & then ran into path. 8 tiny ducklings followed her. Must have just hatched! Went off sticking into lela. Eggs still have shape w/ membranes inside.

Fake duck

Unit # 11
 Transect # 135N 1/2
 Nest # 609 is located 25ft in North South
4ft in East West
 of Transect line
 Grazing Cell #
 Paddock #



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

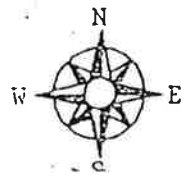
7/13/01 2c

Waterfowl Production Survey

Observer SGM Date 5/24/01 Unit # 15 Transect # 49

FIRST VISIT	
<p>Species <u>MALLARD</u> Nest # <u>200</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>10</u> # eggs 12 # Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
see below
Date <u>6/21/01</u>
(check one)
<input type="checkbox"/> Hatch # egg hatch _____ # egg remain _____
<input type="checkbox"/> Abandoned
<input checked="" type="checkbox"/> Flooded ?
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes Nest is in cattails ~ 1' above water

Inc. stage 12-17 day

6/21/01 could not find nest

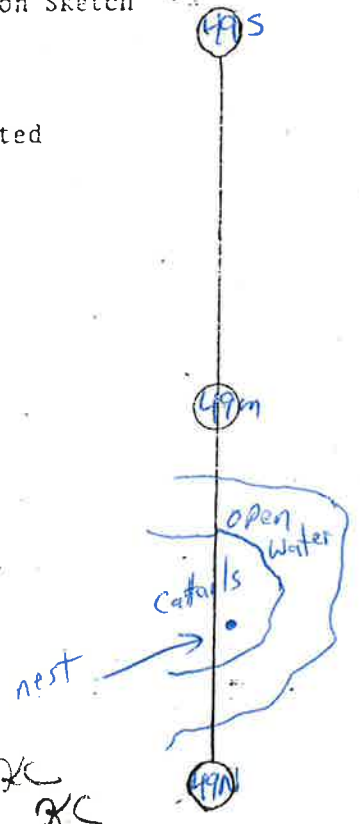
Assume to be flooded since water is much deeper now.

Nest fate assumed to be flooded

Location Sketch

Unit # 15
 Transect # 49
 Nest # 200 is located
25 ft in North
 South
 of flag and
4 ft 8 in East
 West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

6/1/01 KC
Fate 6/29/01 KC

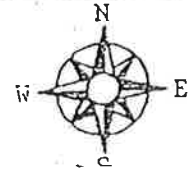
Waterfowl Production Survey

Observer SGM

Date 6/29/01 Unit # 15 Transect # 35

FIRST VISIT	
Species <u>MALLARD</u>	COVER TYPE
Nest # <u>201</u>	(circle dominant cover)
Status (check one)	<input type="checkbox"/> Sx Willow
<input type="checkbox"/> Active	<input type="checkbox"/> Sve Greasewood
<input type="checkbox"/> Hatched	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Dst Salt grass
<input checked="" type="checkbox"/> Destroyed	<input type="checkbox"/> Gx Grass species
<u>6</u> # eggs	<input type="checkbox"/> MoF Sweetclover
— Inc. stage	<input type="checkbox"/> Wx Weed species
— # parasitic eggs	<input checked="" type="checkbox"/> Jba <u>Baltic rush</u>
Dist. to standing H ₂ O <u>0</u> ft	<input type="checkbox"/> Cx Sedge
Soil Surface (check one)	<input type="checkbox"/> Ex Spikerush
<input type="checkbox"/> Dry	<input checked="" type="checkbox"/> Tla Cattail
<input type="checkbox"/> Moist	<input type="checkbox"/> Sva Bullrush
<input checked="" type="checkbox"/> Flooded	<input type="checkbox"/> Other _____
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input checked="" type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%

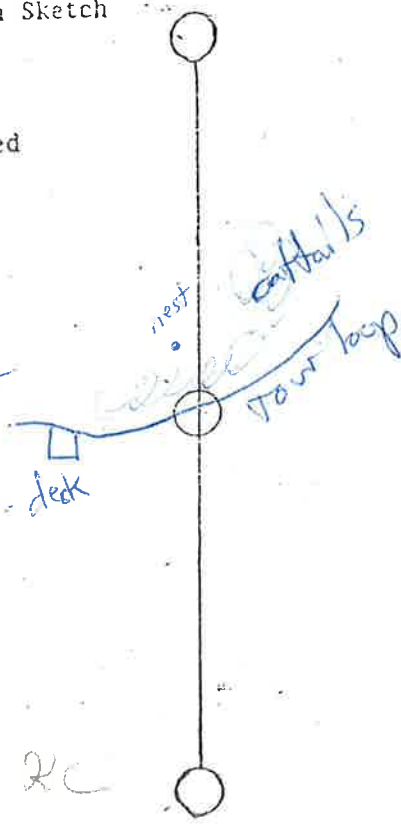
SECOND VISIT-Fate
Date <u>6/29/01</u>
(check one)
<input type="checkbox"/> Hatch
— # egg hatch
— # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed
<input checked="" type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes Avian predation
All eggs destroyed
Holes in them
Nest cap not disturbed much
NO FLAG PUT OUT

Location Sketch

Unit # 15
 Transect # 35
 Nest # _____ is located
25ft in North South
6ft in East West
 of flag and of Transect line
 Grazing Cell # Ziegler
 Paddock # 6







Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

7/10/01 RC

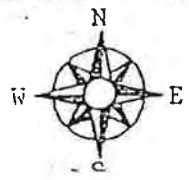
Waterfowl Production Survey

Observer Stone Date 5/23/01 Unit # 16 Transect # 65

light (pale) blue eggs w/ brownish-red blotches

FIRST VISIT	
<p>Species <u>Sparrow</u></p> <p>Nest # <u>ND 6</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>3</u> # eggs</p> <p>___ Inc. stage</p> <p>___ # parasitic eggs</p> <p>Dist. to standing H₂O ___ ft</p> <p>Soil Surface (check one)</p> <p><input checked="" type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p> <p style="text-align: center;"><i>In old jubA, scattered oglela</i></p>

SECOND VISIT-Fate
Date <u> </u> / <u> </u> / <u> </u>
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> 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	___

Waterfowl Production Survey

Observer Stone Date 5/23/01 Unit # 16 Transect # 71 1/2

FIRST VISIT





Species Mall
 Nest # 14
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

7 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O ___ 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

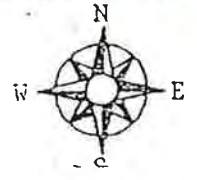
Date 5/23/01

(check one)

Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned
 Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other Hammel



Location Sketch

Notes No nest found, but
7 destroyed (predated) eggs
found together in bullrush

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 ADU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days

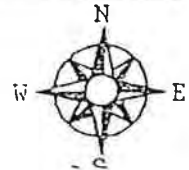
6/1/01 KC

Waterfowl Production Survey

Observer R. Garcia Date 5/24/01 Unit # 16 Transect # 55 1/2

FIRST VISIT	
<p>Species <u>Phalarope</u></p> <p>Nest # <u>ND-109</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>15</u> # eggs</p> <p><u>?</u> Inc. stage</p> <p><u>1</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>6</u> ft</p> <p>Soil Surface (check one)</p> <p><input checked="" type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input checked="" type="checkbox"/> 25% Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input checked="" type="checkbox"/> 75% Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
Date <u> / / </u>
(check one)
<input type="checkbox"/> Hatch
egg hatch _____
egg remain _____
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Location Sketch

Notes

Under Greasewood bush

with 15 eggs

Unit # 16

Transect # 55 1/2

Nest # ND109 is located

25 ft in North South

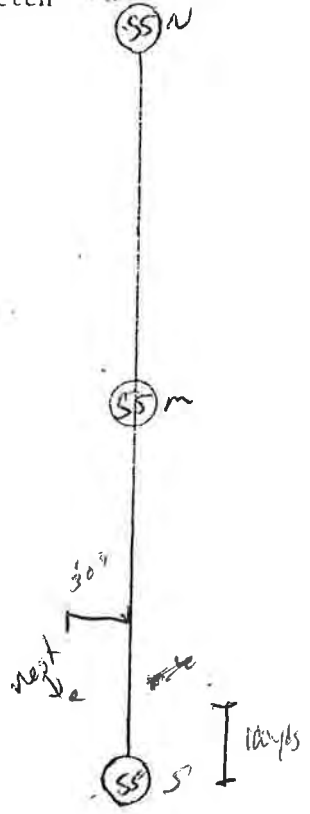
of flag and

3 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	

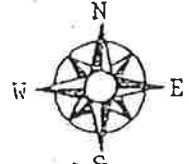
Waterfowl Production Survey

Observer K Crowder

Date 6/22/01 Unit # 16 Transect # 55N

FIRST VISIT	
<p>Species <u>GADW</u> Nest # <u>608</u> 1111 100% Status (check one) <u>610</u> <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>10</u> # eggs <u>8-120</u> Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O _____ ft</p> <p>Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input checked="" type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
<p>Date <u>7/16/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch <u>10</u> # egg hatch 10 membrane sand _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

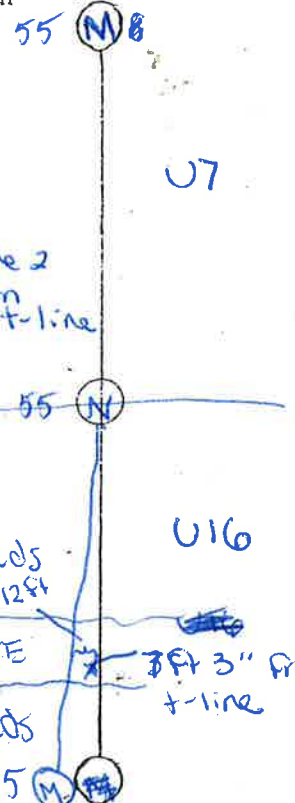


Notes Nest under SAVE - I can't get 3 posts to line up, so I'm using the 2 northern ones. I had the 2 southern ones lined up yesterday & this nest was 12 ft E of the t-line. In a patch of save bordered by weeds (mostly Lela) & tuba.

KC - 5 Jul 01
 See me about assigning this nest a new Nest #
 KS

Location Sketch

Unit # 16
 Transect # 55N
 Nest # 608 is located
25ft in North South
7 ft 3 in of flag and East West
 of Transect line



Entered as nest # 610
 Fate 7/17/01 OK

Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

Waterfowl Production Survey

Observer K. Crowder Date 6/22/01 Unit # 16 Transect # 65N 1/2

FIRST VISIT





Species Sparrow
 Nest # NDX056
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 3 young
 Inc. stage
~~# parasitic eggs~~

Dist. to standing H₂O 100 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)

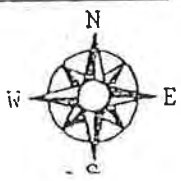
Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned

Flooded

Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes Eyes open, pine-thick
~~Present~~





Unit # 16
 Transect # 65N 1/2
 Nest # NDX056 is located
25ft in North
 South
 of flag and
1 ft in East
 West On line
 of Transect line
 Grazing Cell # _____
 Paddock # _____



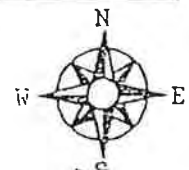
Compute Mayfield			
_____ Species ADU	_____	_____ Initiation date	_____
_____ # eggs hatched	_____	_____ Est. hatch date	_____
_____ # eggs remain	_____	_____ Exposure days	_____

Waterfowl Production Survey

Observer K Crowder Date 6/22/01 Unit # 16 Transect # 635 1/2

FIRST VISIT	
<p>Species <u>Sparrow</u> Nest # <u>ND655</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>2</u> # eggs - Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>100</u> ft</p> <p>Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input checked="" type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
<p>Date <u> </u> / <u> </u> / <u> </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes 2 ~~light~~ faded blue eggs w/ light br. splatches. ♀ note vesper.

Cup nest under a "dome" of residual Elsp

Location Sketch

Unit # 16
 Transect # 635 1/2
 Nest # ND655 is located
25ft in North
 South
 of flag and
1 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		

Waterfowl Production Surveys

Units 17 & 18

off Transect

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 81 1/2
79 1/2

FIRST VISIT

Species NOSH
 Nest # ND7
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
Fresh Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O ___ ft
40 1/2 mile?

Soil Surface (check one)
 Dry
 Moist
 Flooded

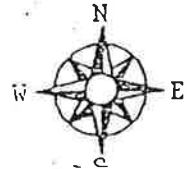
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

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

SECOND VISIT-Fate

Date 6/18/01
Stone

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



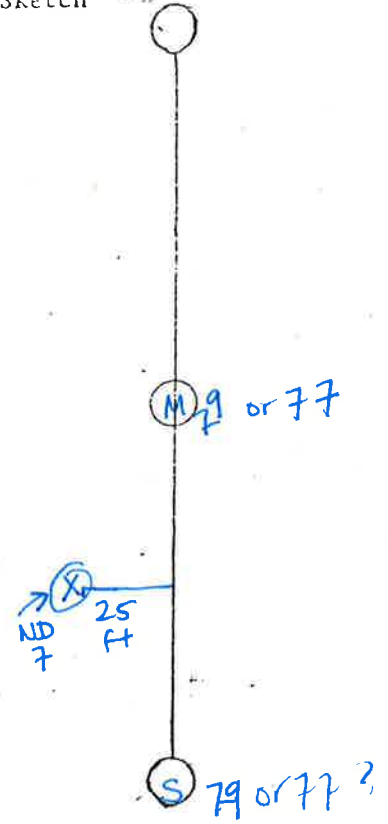
Notes _____

left old flag on line
Nest is 25 ft West of
line

Small flagging @ Nest

Location Sketch





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



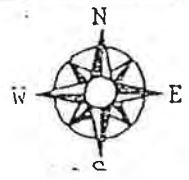
Compute Mayfield			
___	Species ADU	___	Initiation date
___	# eggs hatched	___	Est. hatch date
___	# eggs remain	___	Exposure days

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 81 1/2

FIRST VISIT	
<p>Species <u>COOT</u></p> <p>Nest # <u>ND3</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>8</u> # eggs</p> <p>___ Inc. stage</p> <p>___ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input checked="" type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
Date <u> / / </u>
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes ON line, @ 50'
parallel to south end of
open water pond (land
W. of transect).

Small flagging @ nest bowl

Nest 5 is in same patch

Location Sketch





Unit # 17
 Transect # 83
 Nest # 5 is located
25ft in North
 South
 of flag and
1 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



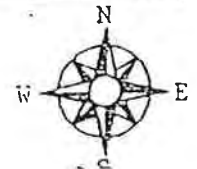
Compute Mayfield			
___ Species ADU	___	___ Initiation date	___
___ # eggs hatched	___	___ Est. hatch date	___
___ # eggs remain	___	___ Exposure days	___

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 8 1/2

FIRST VISIT	
Species <u>Mall</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input checked="" type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>ND2</u>	
Status (check one)	
<input checked="" type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input type="checkbox"/> Destroyed	
<u>9</u> # eggs	
<u>0</u> Inc. stage <u>fresh</u>	
<u>0</u> # parasitic eggs	
Dist. to standing H ₂ O _____ ft	<u>100%</u>
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>over H₂O</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input checked="" type="checkbox"/> D. <u>25-0%</u>
	
	

SECOND VISIT-Fate
Date <u> </u> / <u> </u> / <u> </u>
(check one)
<input type="checkbox"/> Hatch
<u> </u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes 12 ft E of center
line

Location Sketch

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



Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 81 Transect # 81 5/2

FIRST VISIT

Species Meadowlark
 Nest # NDI
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O ___ 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 _____

90%
10% thistle

SECOND VISIT-Fate

Date ___/___/___

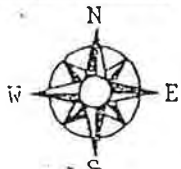
(check one)

Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes _____

Location Sketch

Unit # _____
 Transect # _____
 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

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 77 N/2

FIRST VISIT

Species Mall
 Nest # 6
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

8 # eggs
12 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 3" under bowl

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

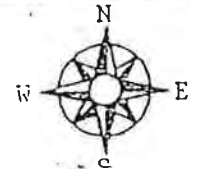
Date 6/18/01 Stone

(check one)
 Hatch
 # egg hatch
 # egg remain

Abandoned
 Unknown (see notes)
 Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

?
 Used fake code.
 Destroyed unknown



Notes Sm flagging at nest

Nest in thick tyla, tyla done overhead.

6-18-01:
 - ~1" H₂O under bowl + in vicinity
 - NO egg shells found - NO membranes etc. Nest intact
 NO sign of eggs anywhere near Nest Bowl.
 - there doesn't seem to be the aerial cover over nest that was present on 5-20.
 - Down was pulled over nest bowl but is in Bowl.

fake visit
 2/19

Location Sketch

Unit # 17
 Transect # 77
 Nest # 6 is located
 25ft in North
 South
 of flag and
3 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

21 paces
 # box 3 ft

Compute Mayfield





Species AOU	Initiation date
# EGGS hatched	Est. hatch date
# EGGS remain	Exposure days

6/18/01
 Fake 6/20/01

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 83 @ mid

eggs more elongated than Mall

FIRST VISIT	
Species <u>Nopi (?) or Mall</u> Nest # <u>4</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>9</u> # eggs <u>21+</u> Inc. stage <u>0</u> # parasitic eggs Dist. to standing H ₂ O <u>0</u> ft 100 Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input checked="" type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

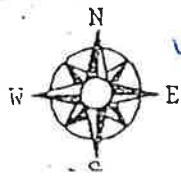
SECOND VISIT-Fate
Date <u>6/19/01</u> (check one) <u>6.25-01 vs</u> <input checked="" type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input checked="" type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other <u>Skunk</u>

Stone

~ 1/2" H₂O under Bowl.

- Bowl intact

Mammal not weasel



Notes 10 ^{-50ft} paces South of mid pole

Nest 3ft E of center line

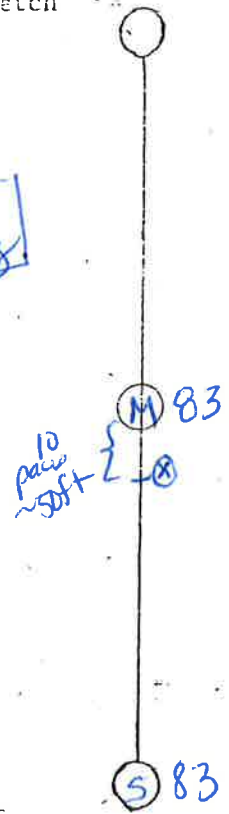
sm flagging above bowl.

No flag - Near mid pole + small flagging

Location Sketch

Unit # 17
 Transect # 83
 Nest # 4 is located
25 ft in North South
3 ft in East West
 of flag and _____ of Transect line
 Grazing Cell # _____
 Paddock # _____

No flag



Compute Mayfield			
_____ Species AOU	_____ Initiation date	_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days		

colibri KC
Fate 6/29/01 KC

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 81 N/2 ⁸³

FIRST VISIT

Species NOSH (Mall)
 Nest # 3
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

*eggs olive-colored 6-19-01
changed 6/29/01*

eggs 8
 Inc. stage Fresh, w/down
 # parasitic eggs 0

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded *under bowl 8" H₂O*

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

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 _____

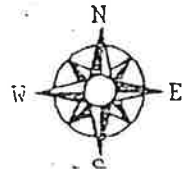
SECOND VISIT-Fate

Date 6/19/01 *Stone*

(check one)
 Hatch
 # egg hatch _____
 # egg remain _____

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

*8 membranes found
saturated to 1" under Bowl.*

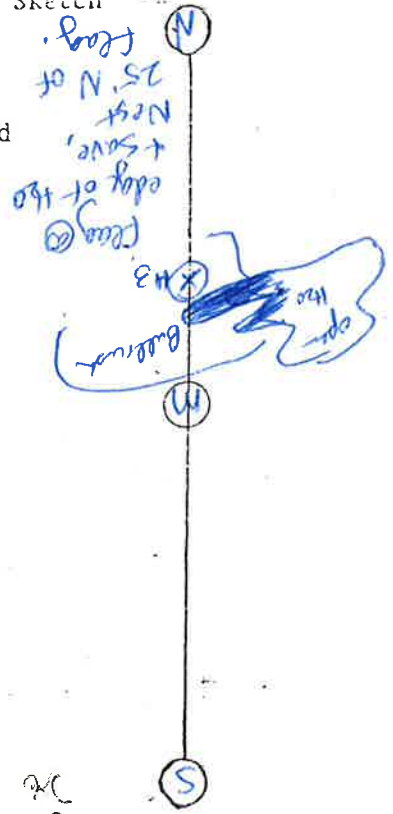


Notes Nest under canopy of bullrush. Small flagging tied above nest.

flag may say T81

Location Sketch

Unit # 17
 Transect # 8183
 Nest # 3 is located
25ft in North
 South
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

Entered 6/1/01 RC
 Fate 6/29/01 RC

Waterfowl Production Survey

Observer Stone

Date 5/20/01 Unit # 17 Transect # 83 N/2

Spec id based on ♂ + ♀ near nest bowl, flushed

FIRST VISIT

Species Cite
 Nest # 2
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 100% ft

Soil Surface (check one)
 Dry
 Moist
 Flooded Knee deep

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

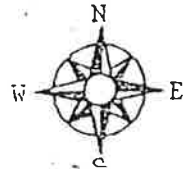
COVER TYPE (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/19/01 still Active?

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

Final fate = 0 = not relocated but I forgot to go back to nest after 6-19-01 or if I did I didn't record anything or did not Relocate.
 KS 14Apr03



Notes Nest is @ one of rows old flags, at flag @ nest is marked

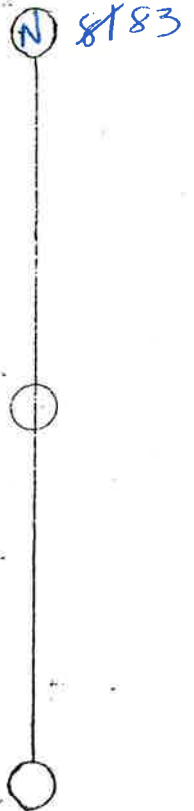
flag may say T81

6-19-01
total eggs: 5 @ ~21 days
Redd eggs: 4 in Bowl
3 out of Bowl

No down in nest, found it w/out any covering. Active.

Location Sketch

Unit # 17
 Transect # 8183
 Nest # 2 is located
25ft in North
 South
0 ft in East
 West
 of Transect line on line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

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

Entered into RC

Waterfowl Production Survey

Observer Stone Date 5/20/01 Unit # 17 Transect # 81 1/2 (Mid)

FIRST VISIT

Species MALL
 Nest # 1
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
21 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded over 14" H₂O

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

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 _____

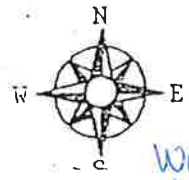
SECOND VISIT-Fate

Date 6/19/01

(check one)
 Hatch
9 # egg hatch
 _____ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

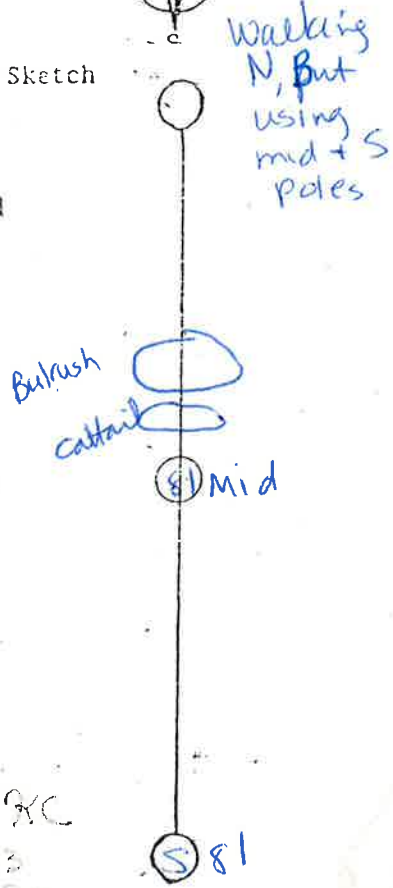
Found 6 Membranes
 -2-3" H₂O under Bowl 6-19-01



Notes Nest on edge of bullrush @ edge of very small opening
Not covered by veg

Location Sketch

Unit # 17
 Transect # 81
 Nest # 1 is located
25ft in North
 South
8ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

Entered col/lor XC
 All contacted w/ob
 Fate 6/29/01 XC

Waterfowl Production Survey

found destroyed

Observer Stone Date 5/21/01 Unit # 17 Transect # 73 N/2

FIRST VISIT

Species Mall?
 Nest # 8
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs _____
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O 7 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 12"

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

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 _____

5 *95%* *Carex*

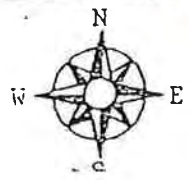
SECOND VISIT-Fate

Date 5/21/01

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

Found 1 dep. egg near Bowl

Nest bowl pulled Apart



Location Sketch

Notes _____

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







6/1/01 KC

Compute Mayfield

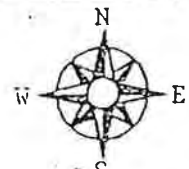
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Waterfowl Production Survey

Observer Stone Date 5/22/01 Unit # 7 Transect # 51 1/2

FIRST VISIT	
<p>Species <u>BNST (2)</u> Nest # <u>ND 10</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>3</u> # eggs _____ Inc. stage _____ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <ul style="list-style-type: none"> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT - Fate
<p>Date <u> </u> / <u> </u> / <u> </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch _____ # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes BNST nest?
eggs on a platform in H₂O
3 eggs similar to Anas but
Nest over H₂O

Water nest of Kochia & other dead
stems

~ 9 feet from levee

Location Sketch

Unit # _____
 Transect # _____
 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		

Waterfowl Production Survey

Observer Stone Date 6/18/01 Unit # 17 Transect # 79 N/2

FIRST VISIT

Species cike
 Nest # 19
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

7 # eggs *
21 Inc. stage
1 # parasitic eggs
2 1 teal egg but fresh
 Dist. to standing H₂O ft

Soil Surface (check one)
 Dry (was wet recently)
 Moist
 Flooded

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

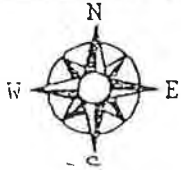
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other Carex species

Large species of Carex

SECOND VISIT-Fate

Date 7/16/01
 (check one)
 Hatch
6 # egg hatch
1 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

6 incubated, 1 egg left in bowl

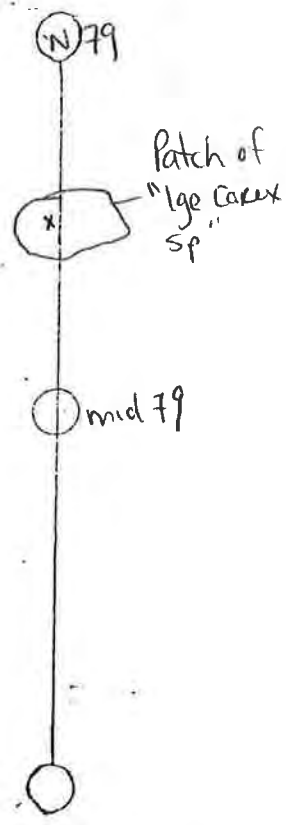


6 @

Notes * candled ~ 4 eggs
3 were 21 days but 1 egg was fresh.
Small piece of flagging above nest.

Location Sketch

Unit # 17
 Transect # 79
 Nest # 19 is located 25 ft in North South
 East West
 of flag and 3 ft 0 in of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
are when found	

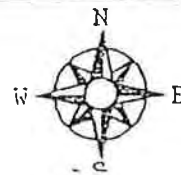
7/17/01 Fate

Waterfowl Production Survey

Observer Stora Date 6/21/01 Unit # 17 Transect #

FIRST VISIT	
<p>Species <u>Gadw</u></p> <p>Nest # <u>ND51</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>10</u> # eggs</p> <p><u>0-4</u> Inc. stage</p> <p><u> </u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input checked="" type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other <u> </u></p>

SECOND VISIT-Fate
<p>Date <u> / / </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="padding-left: 20px;"><u> </u> # egg hatch</p> <p style="padding-left: 20px;"><u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <p style="padding-left: 20px;"><input type="checkbox"/> Raven/magpie</p> <p style="padding-left: 20px;"><input type="checkbox"/> Skunk</p> <p style="padding-left: 20px;"><input type="checkbox"/> Raccoon</p> <p style="padding-left: 20px;"><input type="checkbox"/> Coyote</p> <p style="padding-left: 20px;"><input type="checkbox"/> Unknown</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other <u> </u></p>



Notes West of T. 77 (~15M)

-North end of unit

2 hens flushed off. 2

gadw, one was when not

100% sure of the other

2 eggs were fresh

1 egg ~4 days

↑ down in 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 ADU	— Initiation date
— # eggs hatched	— Est. hatch date
— # eggs remain	— Exposure days
— age when found	

Waterfowl Production Survey

Observer R. Garcia Date 5/24/01 Unit # 18 Transect # 107 1/2

FIRST VISIT

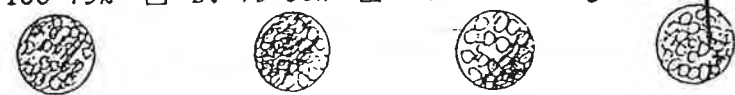
Species Redhead
 Nest # 119
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

16 # eggs
4d. Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded 12"

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



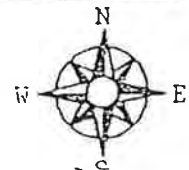
COVER TYPE
(circle dominant cover)

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
 T1a Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date 6/22/01
Not relocated
 (check one)
 Unknown
 Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes _____

* line flag from 118 w/ S. transect marker.

* flag on bullrush 6' E of nest

* Nest Not Relocated

Unit # 18
 Transect # 107 1/2
 Nest # 119 is located
25 ft in North
 South
 of flag and
4 ft 3 in East
 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	

6/11/01 KC
Fate 6/29/01

200 yd

Waterfowl Production Survey

Observer R. Garcia Date 5/24/01 Unit # 18 Transect # 107^{5/2}

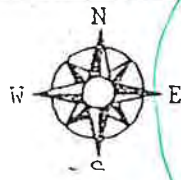
FIRST VISIT	
<p>Species <u>Mallard</u> Nest # <u>118</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>4</u> # eggs <u>laying</u> Inc. stage ___ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>9"</u></p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> T1a Cattail <u>100%</u> <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u>6/22/01</u></p> <p>(check one) <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Match ___ # egg hatch ___ # egg remain</p> <p><input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____</p>

Nest
Not
relocated
?

Fate coded
as nest
not
relocated

NOV 14 03:
fate = 11
active
see Rm's
note



Location Sketch

Notes

~~* Cattail flooded 6' W of Nest
- and 3' N~~

~~* Flag not on Centerline~~

→ No sign of nest found.
 However, new redhead
 nest w/ 6' of where
 flag was

Unit # 18
 Transect # 107^{5/2}
 Nest # 118 is located
~~200~~ ft in North
 South
 of flag and
4 ft in East
 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	

6/11
 Fate 6/29

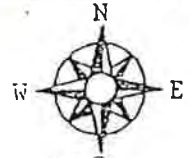
Waterfowl Production Survey

Observer R. Garcia Date 5/24/01 Unit # 18 Transect # 103 1/2

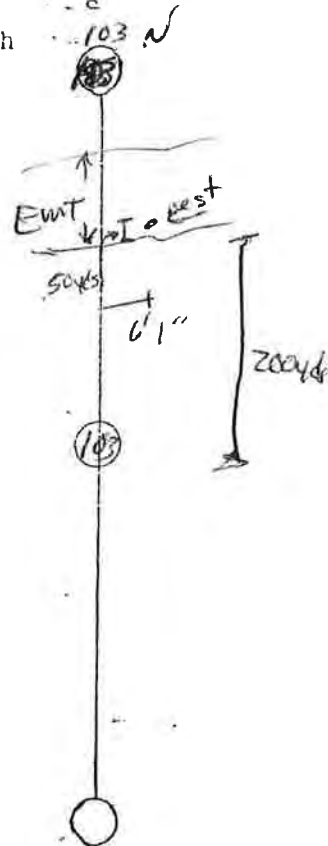
FIRST VISIT	
Species <u>Mallard</u>	COVER TYPE (circle dominant cover)
Nest # <u>117</u>	<input type="checkbox"/> Sx Willow
Status (check one)	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Hatched	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Gx Grass species
<input type="checkbox"/> Destroyed	<input type="checkbox"/> MoF Sweetclover
<input checked="" type="checkbox"/> Pipping	<input type="checkbox"/> Wx Weed species
<u>7</u> # eggs	<input type="checkbox"/> Jba Baltic rush
<u>Pippin</u> Inc. stage	<input type="checkbox"/> Cx Sedge
<u> </u> # parasitic eggs	<input type="checkbox"/> Ex Spikerush
Dist. to standing H ₂ O <u>0</u> ft	<input checked="" type="checkbox"/> Fla Cattail
Soil Surface (check one)	<input checked="" type="checkbox"/> Sva Bullrush
<input type="checkbox"/> Dry	<input type="checkbox"/> Other _____
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>7'</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	

SECOND VISIT-Fate
Date 5/22/01 <u>5/24/01</u>
(check one)
<input checked="" type="checkbox"/> Nest not relocated
<input checked="" type="checkbox"/> Hatch
<u>ALL</u> # egg hatch
<u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

Status changed April 03



Location Sketch



Notes
~~* Nest not flagged for re-visit / Ribbon in hand~~

Unit # 18
 Transect # T103 1/2
 Nest # 117 is located
25 ft in North South
6 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

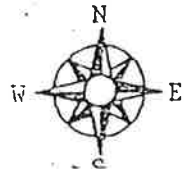
*6/1/01 XC
 Fate 6/24/01*

Waterfowl Production Survey

Observer R Garcia Date 5/24/01 Unit # 18 Transect # 97^{1/2}

FIRST VISIT	
Species <u>Mallard</u> Nest # <u>116</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <input checked="" type="checkbox"/> Piping # eggs <u>4</u> Inc. stage <u>Hatching</u> # parasitic eggs _____ Dist. to standing H ₂ O <u>0</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>3"</u> Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <u>30%</u> <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <u>70%</u> <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
Date <u>5/24/01</u> (check one) <input checked="" type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes _____

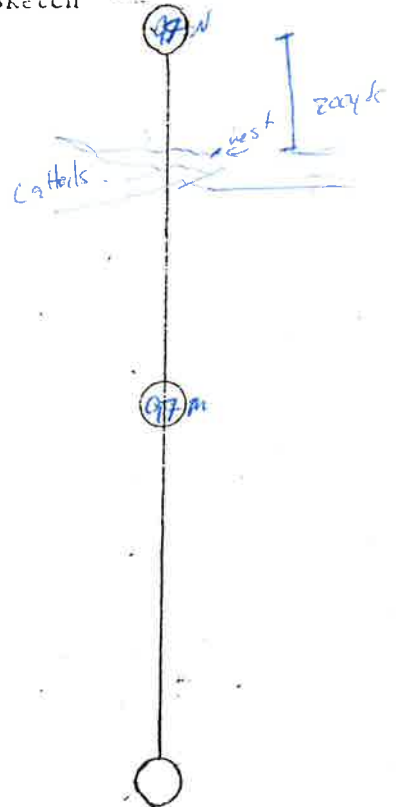
* Nest - not present for
 revisit - small piece of
 bilibar buried in low

2 - shell out of shell on
 2 - about w/ hole about 3/4"

Nest @ N edge of Tyla

Location Sketch

Unit # 18
 Transect # 97^{1/2}
 Nest # 115 is located
25ft in North
 South
 of flag and
6 ft 3 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
_____	Species AOU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

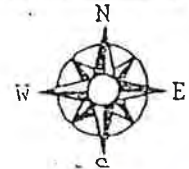
6/1/01 RC

Waterfowl Production Survey

Observer Garcia Date 5/24/01 Unit # 18 Transect # 95N/2

FIRST VISIT	
Species <u>Bwt-cinn</u>	COVER TYPE <small>(circle dominant cover)</small> <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>115</u>	
Status (check one)	
<input checked="" type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input type="checkbox"/> Destroyed	
<u>11</u> # eggs	
<u>4d</u> Inc. stage	
_____ # parasitic eggs	
Dist. to standing H ₂ O <u>0</u> ft	40% 60%
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>2" (dry on 6.22.01)</u>	
Aerial Cover (check one)	
<input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%	

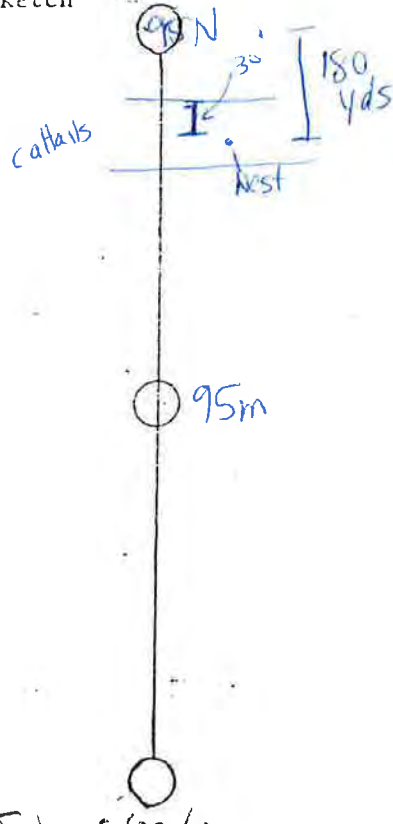
SECOND VISIT-Fate
Date <u>6/22/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>9</u> # egg hatch
_____ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 18
 Transect # 95N/2
 Nest # 115 is located
25ft 0 in North South
 of flag and
2ft 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

6/1/01
 KC Fate 6/29/01

Waterfowl Production Survey

Observer R Garcia Date 5/24/01 Unit # 18 Transect # 95 N/2

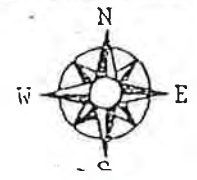
FIRST VISIT	
<p>Species <u>Mall</u></p> <p>Nest # <u>113</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>6</u> # eggs</p> <p><u>8d</u> Inc. stage</p> <p>— # parasitic eggs</p> <p>Dist. to standing H₂O _____ ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <u>2"</u></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input checked="" type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
Date <u>6/2/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
— # egg hatch
— # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____

Stone

100%

- dry on 6.22.01 visit
- found NDS3 mall nest 8 ft west of 113



Notes _____

Location Sketch

Unit # 18

Transect # 95 N/2

Nest # 113 is located

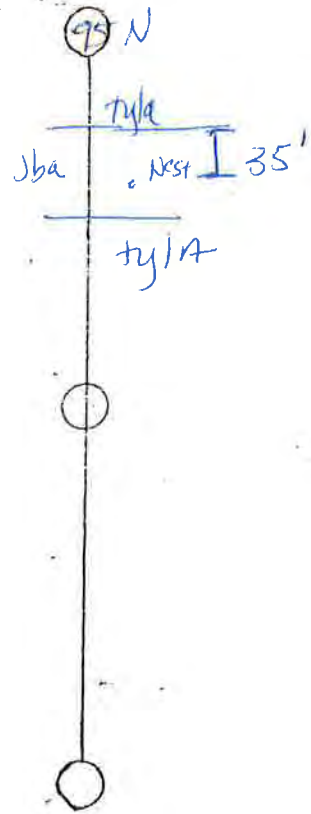
25ft 0 in North South

5ft 9 in East West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield	
Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

6/1/01 KC

Fate 6/29/01 KC

Waterfowl Production Survey

Observer P. Garcia Date 5/24/01 Unit # 18 Transect # 93 1/2

FIRST VISIT

Species Mallard
 Nest # 112
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed
 Piping
9 # eggs
Hatching Inc. stage !!!
 ___ # parasitic eggs
 Dist. to standing H₂O 0 ft
 Soil Surface (check one) 6.22.01
 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
 Tla Cattail 100%
 Sva Bullrush
 Other _____

No. standing H₂O, saturated soil.

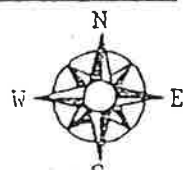
SECOND VISIT-Fate

Date 6/27/01
 (check one)
 Hatch
9 # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed 4 depredated eggs found
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

Stone

No membranes found

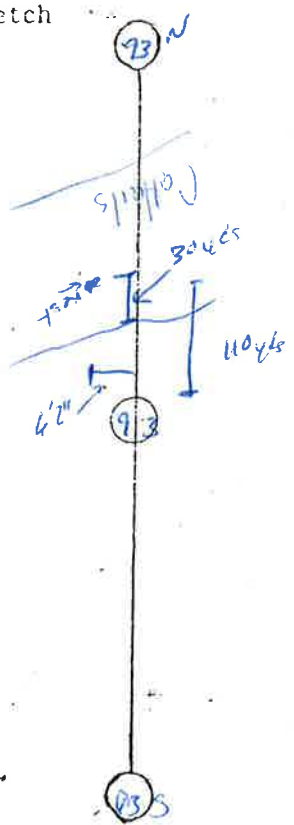
Changed status to #5 April 03



Notes
Eggs pipping, chicks chirping in egg!
Ribbon on Cattail @ flag
6.22.01
~~Assuming 5 hatched since they were hatching when found but 4 eggs found in/near bowl depredated~~

Location Sketch

Unit # 18
 Transect # T93 1/2
 Nest # 112 is located 25ft 0 in North South
4ft 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	

6/1/01 KC
 Fate 6/29/01

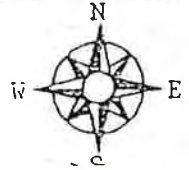
Waterfowl Production Survey

Observer R. Garcia Date 5/29/01 Unit # 18 Transect # 91

FIRST VISIT	
Species <u>Mallard</u> Nest # <u>111</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed <u>6</u> # eggs <u>100</u> Inc. stage # parasitic eggs _____ Dist. to standing H ₂ O <u>6</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>4"</u> Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input checked="" type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____

SECOND VISIT-Fate
Date <u>6/27/01</u> Stone (check one) <input checked="" type="checkbox"/> Hatch <u>6</u> # egg hatch <u>0</u> # egg remain <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____

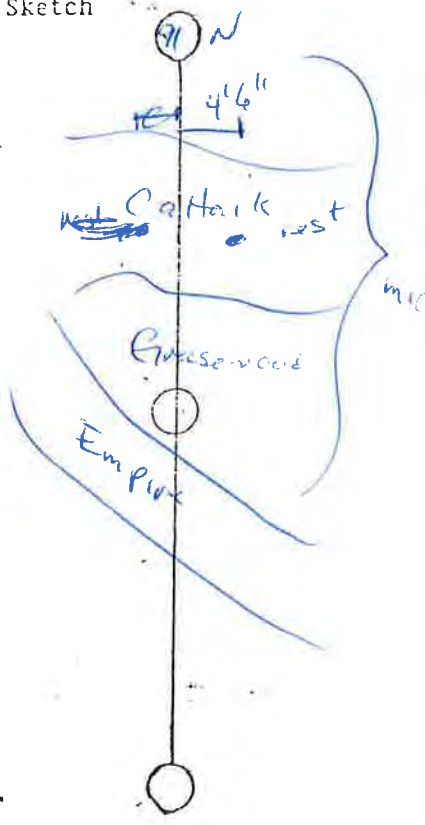
@ least 3 membranes found, assume all 6 hatched



Notes _____
X Ribbon on Cattail @ flag

Location Sketch

Unit # 18
 Transect # 91
 Nest # 111 is located
25ft 0 in North
 South
 of flag and
4ft 6 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____







Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ are when found	

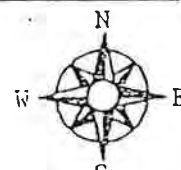
6/1/01 JK
 Fate 6/29/01

Waterfowl Production Survey

Observer R. Garcia Date 5/24/01 Unit # 18 Transect # 103 1/2

FIRST VISIT	
Species <u>Coot</u>	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> T1a Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____
Nest # <u>ND-107</u>	
Status (check one)	
<input checked="" type="checkbox"/> Active	
<input type="checkbox"/> Hatched	
<input type="checkbox"/> Abandoned	
<input type="checkbox"/> Destroyed	
<u>7</u> # eggs	
<u>2</u> Inc. stage	
____ # parasitic eggs	
Dist. to standing H ₂ O <u>0ft</u>	100%
Soil Surface (check one)	
<input type="checkbox"/> Dry	
<input type="checkbox"/> Moist	
<input checked="" type="checkbox"/> Flooded <u>6"</u>	
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input checked="" type="checkbox"/> C. 50-25%	<input type="checkbox"/> D. 25-0%
	
	

SECOND VISIT-Fate
Date <u>1/1</u>
(check one)
<input type="checkbox"/> Hatch
____ # egg hatch
____ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

*Not flagged for revisit

Location Sketch

Unit # 18

Transect # 103 1/2

Nest # ND-107 is located

25ft in North

South

of flag and

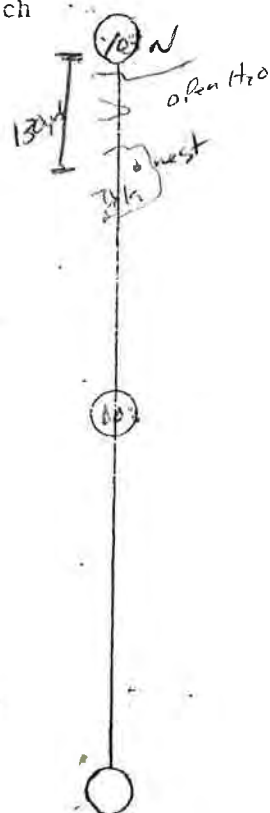
1ft 7in East

West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield			
_____	Species AOU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

Waterfowl Production Survey

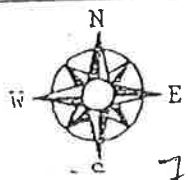
Observer R. Garcia

Date 6/22/01 Unit # 18 Transect # 7107 1/2

FIRST VISIT	
Species <u>Gadwall</u> <i>visited site 127-7</i> Nest # <u>128</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed ♀ # eggs ♂ Inc. stage # parasitic eggs Dist. to standing H ₂ O <u>2 ft</u> Soil Surface (check one) <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input checked="" type="checkbox"/> JBa Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input checked="" type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input checked="" type="checkbox"/> Other <u>CICA</u> 90% 50% 50%

SECOND VISIT-Fate
Stone
Date <u>8/10/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch <u>6</u> # egg hatch <u>3</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other

Burying beetles
(orange + black w/ orange
kinds on end of antennae)
@ Nest



Notes _____

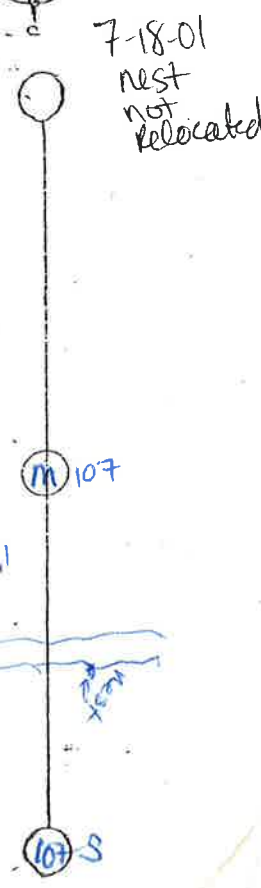
Nest is on South edge of small dike w/ elk trail

Most easily accessed for fate ✓ by locating dike from east when walking directly W from dike

X Flag is on dike 7' N and 7' W of Nest

Location Sketch

Unit # 18
 Transect # 107 1/2
 Nest # 128 is located
25ft in North South
7' South of flag and
7ft 2in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield			
_____	Species AOU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

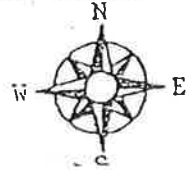
7/13/01

Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 18 Transect # T107sk

FIRST VISIT	
<p>Species <u>Redhead</u> Nest # <u>129</u> Status (check one) <input type="checkbox"/> Active <input checked="" type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>6+</u> # eggs <u>+</u> Inc. stage <u>+</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded <u>14"</u></p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input checked="" type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE <small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input checked="" type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____</p>

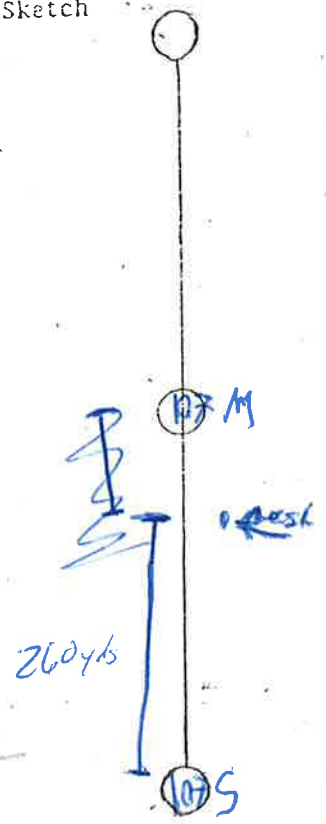
SECOND VISIT-Fate
<p>Date <u>6/22/01</u></p> <p>(check one)</p> <p><input checked="" type="checkbox"/> Hatch <u>All</u> # egg hatch _____ # egg remain</p> <p><input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____</p>



Notes _____

Unit # 18
 Transect # 107sk
 Nest # 128 is located
25 ft in North
 South
 of flag and
4 ft 8 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Location Sketch



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

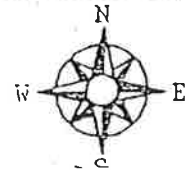
7/13/01 RC

Waterfowl Production Survey

Observer R. Garcia Date 6/12/01 Unit # 18 Transect # T1075

FIRST VISIT	
Species <u>Redhead</u>	COVER TYPE (circle dominant cover)
Nest # <u>130</u>	
Status (check one)	<input type="checkbox"/> Sx Willow
<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Sve Greasewood
<input type="checkbox"/> Hatched	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Destroyed	<input checked="" type="checkbox"/> Gx Grass species
<u>8</u> # eggs	<input type="checkbox"/> MoF Sweetclover
<u>12</u> Inc. stage	<input type="checkbox"/> Wx Weed species
— # parasitic eggs	<input type="checkbox"/> Jba Baltic rush
Dist. to standing H ₂ O <u>0</u> ft	<input type="checkbox"/> Cx Sedge
Soil Surface (check one)	<input type="checkbox"/> Ex Spikerush
<input type="checkbox"/> Dry	<input checked="" type="checkbox"/> Tla Cattail
<input type="checkbox"/> Moist	<input type="checkbox"/> Sva Bullrush
<input checked="" type="checkbox"/> Flooded <u>14"</u>	<input type="checkbox"/> Other _____
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input checked="" type="checkbox"/> D. 25-0%

SECOND VISIT-Fate
Date <u>8/10/01</u>
(check one)
<input type="checkbox"/> Hatch
egg hatch
<u>2</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input checked="" type="checkbox"/> Destroyed (<u>6 eggs</u>)
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

* Nest is 10' East of Nest 118 flag which is 8 ft. E of Center

Location Sketch

Unit # 18

Transect # 1075/2

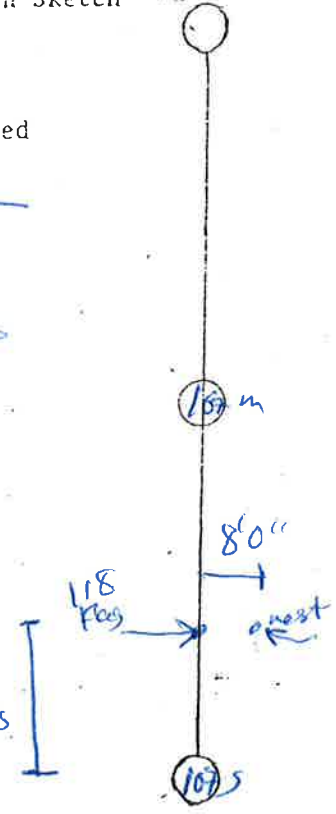
Nest # 130 is located 25ft in North South

of flag and 8ft in East West

of Transect line

Grazing Cell # _____

Paddock # _____



Compute Mayfield	
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ are when found	

7/13/01 2K

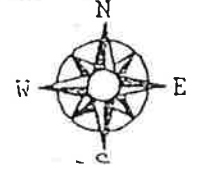
Waterfowl Production Survey

Observer R. Garcia Date 6/22/01 Unit # 18 Transect # 105 1/2

FIRST VISIT	
Species <u>Mallard</u>	COVER TYPE
Nest # <u>131</u>	(circle dominant cover)
Status (check one)	<input type="checkbox"/> Sx Willow
<input type="checkbox"/> Active	<input type="checkbox"/> Sve Greasewood
<input checked="" type="checkbox"/> Hatched	<input type="checkbox"/> Crx Rabbit brush
<input type="checkbox"/> Abandoned	<input type="checkbox"/> Dst Salt grass
<input type="checkbox"/> Destroyed	<input type="checkbox"/> Gx Grass species
<u>7</u> # eggs	<input type="checkbox"/> MoF Sweetclover
<u>+</u> Inc. stage	<input type="checkbox"/> Wx Weed species
<u>+</u> # parasitic eggs	<input checked="" type="checkbox"/> Jba Baltic rush
Dist. to standing H ₂ O <u>0</u> ft	<input type="checkbox"/> Cx Sedge
Soil Surface (check one)	<input type="checkbox"/> Ex Spikerush
<input type="checkbox"/> Dry	<input type="checkbox"/> Tla Cattail
<input type="checkbox"/> Moist	<input type="checkbox"/> Sva Bullrush
<input checked="" type="checkbox"/> Flooded <u>2"</u>	<input type="checkbox"/> Other _____
Aerial Cover (check one)	
<input type="checkbox"/> A. 100-75%	<input type="checkbox"/> B. 75-50%
<input type="checkbox"/> C. 50-25%	<input checked="" type="checkbox"/> D. 25-0%

100% Jba
Nest uncovered now but likely was 75-100% covered

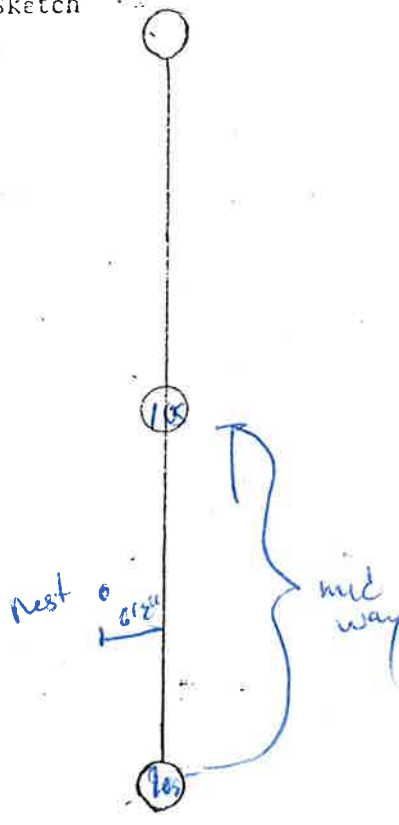
SECOND VISIT-Fate
Date <u>6/22/01</u>
(check one)
<input checked="" type="checkbox"/> Hatch
<u>7</u> # egg hatch
<u>+</u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes _____

Location Sketch

Unit # 105 1/2
 Transect # U18
 Nest # 131 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	





7/12/01 XC

Waterfowl Production Surveys

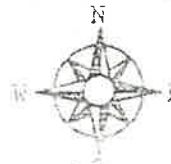
Units 20-24

Waterfowl Production Survey

Observer K. Crowder Date 5/23/01 Unit # 26 Transect # 31

FIRST VISIT	
<p>Species BRBL <u>BRBL</u></p> <p>Nest # <u>ND600</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>5</u> # eggs</p> <p><u>1</u> # parasitic eggs <i>smaller - white w/ brown speckles</i></p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input checked="" type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="font-size: x-small; text-align: center;">(circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input checked="" type="checkbox"/> Cx <u>Sedge</u></p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tia Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input checked="" type="checkbox"/> Other <u>Foxtail</u></p>

SECOND VISIT - Fate
<p>Date <u> / / </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"># egg hatch</p> <p style="margin-left: 20px;"># egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <div style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other </div>



Notes Eggs are greenish w/ muddy brown markings

Nest is at edge of water on bank of ditch running along N edge of U20

A male RWBL was flying around the area but ID of ♀ was indistinct

Location Sketch

Unit # 26

Transect # 31

Nest # ND600 is located 25 ft in North South

7 ft in East West

of Transect line

Starting Cell # _____

Paddock # _____



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

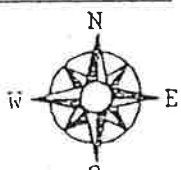
Waterfowl Production Survey

Observer K Crowder

Date 6/18/01 Unit # 20 Transect # 23

FIRST VISIT	
<p>Species <u>SATH (Saye Thrasher)</u> Nest # <u>ND650</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>5</u> # eggs - Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>none</u> ft</p> <p>Soil Surface (check one) <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input checked="" type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE (circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow <input checked="" type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other <u>understory</u> <u>Juba & unknown</u> <u>forb (leaves</u> <u>dandelionlike, broad</u> <u>& lanceolate in a</u> <u>basal whorl)</u></p>

SECOND VISIT-Fate
Date <u> </u> / <u> </u> / <u> </u>
(check one)
<input type="checkbox"/> Hatch <u> </u> # egg hatch <u> </u> # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other <u> </u>



Location Sketch

Notes Nest well hidden in SAYE
about 1 ft off the ground 5
bright teal blue egg w/ brown
spatches & spots. ♀ flushed
off nest. (2 pics)

Unit # ~~20~~
 Transect # ~~23~~
 Nest # ND650 is located
25ft in North
 South
 of flag and
6 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	

Duplicate - lost original.

(got data from computer, May data entered after May transects, data sheet lost after June transects.)

Waterfowl Production Survey

Observer Jan Fetyko CDOW Date 5/22/01 Unit # 22 Transect # 55 N/2

FIRST VISIT


Species Gadw
 Nest # 500 100%
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

1 # eggs
4-8 Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O ___ ft

Soil Surface (check one) *too far to estimate*
 Dry
 Moist
 Flooded

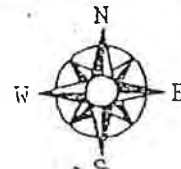
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%



SECOND VISIT - Fate

Date 06/21/01

(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

Waterfowl Production Survey

OFF-transect

Observer K. Crowder

Date 5/24/01

Unit # 23

Transect # 81

FIRST VISIT

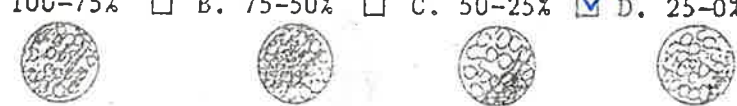
Species RWBL?
 Nest # ~~_____~~
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

3 # eggs
 _____ Inc. stage
 _____ # parasitic eggs

Dist. to standing H₂O 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%



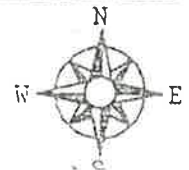
COVER TYPE
 (circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tia Cattail
 Sva Bullrush
 Other _____

SECOND VISIT-Fate

Date / /

(check one)
 Hatch
 # egg hatch _____
 # egg remain _____

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

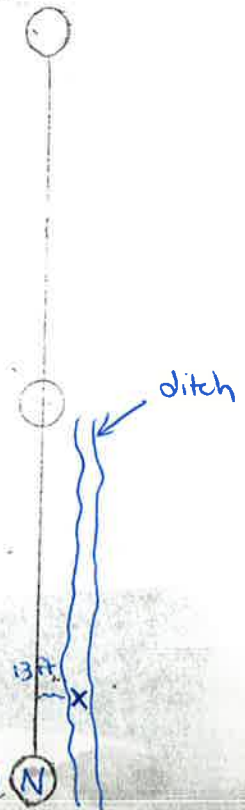


Notes Nest made in residual cattail
in ditch adjacent to farm field
3 blue, brown spotted egg (near
long end) conical shaped.



Location Sketch

Unit # 23
 Transect # 81
 Nest # _____ is located
25 ft in North
 South
 of flag and
13 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	

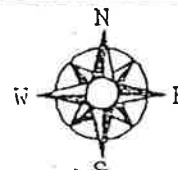
T 81 (N)

Waterfowl Production Survey

Observer K Crowder Date 5/24/01 Unit # 23 Transect # 81

FIRST VISIT	
Species <u>RTHA</u> Nest # <u>ND602</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed # eggs _____ Inc. stage _____ # parasitic eggs _____ Dist. to standing H ₂ O <u>4</u> ft Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Flooded Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0% 	COVER TYPE (circle dominant cover) <input checked="" type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input type="checkbox"/> Sva Bullrush <input type="checkbox"/> Other _____ <i>St. water in ditch</i>

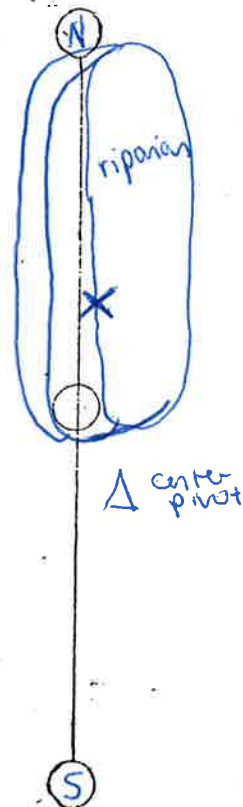
SECOND VISIT-Fate
Date ___/___/___ (check one) <input type="checkbox"/> Hatch # egg hatch _____ # egg remain _____ <input type="checkbox"/> Abandoned <input type="checkbox"/> Flooded <input type="checkbox"/> Destroyed <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Notes Two Parents in the area. I flushed one off the nest. Now circling & calling. No movement in about. Distance to transect line estimated because I can't see poles through the trees.
Nest about 20 ft up in willow tree in small pocket of riparian vegetation near farm field, along ditch.

Location Sketch

Unit # 23
 Transect # 81
 Nest # ND602 is located
25ft in North South
2 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



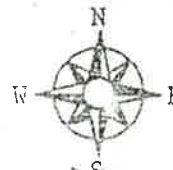
Compute Mayfield	
_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

Waterfowl Production Survey

Observer K Crowder Date 5/24/02 Unit # 23 Transect # 81

FIRST VISIT	
<p>Species <u>RWBL?</u></p> <p>Nest # <u>ND601</u></p> <p>Status (check one)</p> <p><input checked="" type="checkbox"/> Active</p> <p><input type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>2</u> # eggs</p> <p>___ Inc. stage</p> <p>___ # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one)</p> <p><input type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input checked="" type="checkbox"/> Flooded <i>nest in cattails</i></p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input checked="" type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
Date ___/___/___
(check one)
<input type="checkbox"/> Hatch
___ # egg hatch
___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie
<input type="checkbox"/> Skunk
<input type="checkbox"/> Raccoon
<input type="checkbox"/> Coyote
<input type="checkbox"/> Unknown
<input type="checkbox"/> Other _____



Notes 2 blue ovoid eggs in standing cattail (resid) in ditch adj. to farm field (transect runs right through ditch)

Location Sketch

Unit # 23
 Transect # 81
 Nest # ND601 is located
25 ft in North
 South
 of flag and
3 ft in East
 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

YEA!

Observer K. Crowder Date 05/24/01 Unit # 24 Transect # 119 (mid?)

FIRST VISIT

Species ^{PROX} CITE/BWTE
 Nest # 600
 Status: (check one)
 Active
 Hatched
 Abandoned
 Destroyed

10 # eggs
219-21 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 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%

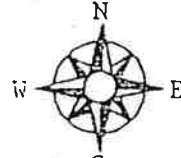
COVER TYPE
 (circle dominant cover)

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

SECOND VISIT-Fate

Date 6/20/01
 (check one)
 Hatch
10 # egg hatch
0 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

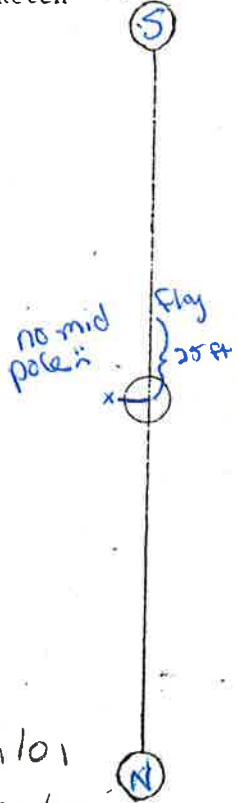


Notes Flushed hen - Blue-winged or Cinnamon Teal

(Notes 6/20/01) Down is scattered around brood, nest no longer hidden I found a few egg membranes & lots of shell bits w/in the nest material

Location Sketch

Unit # 24
 Transect # 119
 Nest # 600 is located 25ft in North South
2 ft in East West
 of flag and of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

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

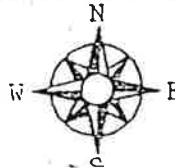
6/1/01
 Fate 6/29/01

Waterfowl Production Survey

Observer K. Crowder Date 5/24/01 Unit # 24 Transect # 113

FIRST VISIT	
<p style="text-align: center; color: blue;">AMCO</p> <p>Species <u>Stilt/Avocet?</u> Nest # <u>ND603</u> Status (check one) <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hatched <input type="checkbox"/> Abandoned <input type="checkbox"/> Destroyed</p> <p><u>9</u> # eggs <u>23</u> # Inc. stage <u>0</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>0</u> ft</p> <p>Soil Surface (check one) <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input checked="" type="checkbox"/> Flooded</p> <p>Aerial Cover (check one) <input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p>	<p style="text-align: center;">COVER TYPE</p> <p style="font-size: small;">(circle dominant cover)</p> <p><input type="checkbox"/> Sx Willow <input type="checkbox"/> Sve Greasewood <input type="checkbox"/> Crx Rabbit brush <input type="checkbox"/> Dst Salt grass <input type="checkbox"/> Gx Grass species <input type="checkbox"/> MoF Sweetclover <input type="checkbox"/> Wx Weed species <input type="checkbox"/> Jba Baltic rush <input type="checkbox"/> Cx Sedge <input type="checkbox"/> Ex Spikerush <input type="checkbox"/> Tla Cattail <input checked="" type="checkbox"/> Sva Bullrush Sc. stem <input type="checkbox"/> Other _____</p>

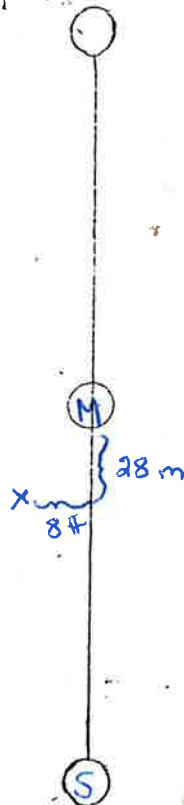
SECOND VISIT-Fate
Date ___/___/___
(check one)
<input type="checkbox"/> Hatch ___ # egg hatch ___ # egg remain
<input type="checkbox"/> Abandoned
<input type="checkbox"/> Flooded
<input type="checkbox"/> Destroyed
<input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____



Location Sketch

Notes Stilts are performing distraction displays & acting very agitated. Nest is a bowl of stem bulrush in crown bulrush. Egg being probed w/ fine black spots.





Unit # 24
 Transect # 113
 Nest # ND603 is located
25ft in North South
 of flag and
8 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



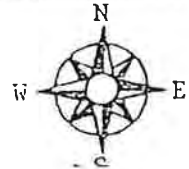
Compute Mayfield	
_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

Waterfowl Production Survey

Observer K. Crowder Date 6/20/01 Unit # 24 Transect # 123

FIRST VISIT	
<p>Species <u>Shorebird</u></p> <p>Nest # <u>ND654</u></p> <p>Status (check one)</p> <p><input type="checkbox"/> Active</p> <p><input checked="" type="checkbox"/> Hatched</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Destroyed</p> <p><u>at least 2</u> eggs</p> <p><u>-</u> Inc. stage</p> <p><u>-</u> # parasitic eggs</p> <p>Dist. to standing H₂O <u>-</u> ft</p> <p>Soil Surface (check one)</p> <p><input checked="" type="checkbox"/> Dry</p> <p><input type="checkbox"/> Moist</p> <p><input type="checkbox"/> Flooded</p> <p>Aerial Cover (check one)</p> <p><input type="checkbox"/> A. 100-75% <input type="checkbox"/> B. 75-50% <input type="checkbox"/> C. 50-25% <input checked="" type="checkbox"/> D. 25-0%</p> <div style="display: flex; justify-content: space-around; margin-top: 5px;">     </div>	<p style="text-align: center;">COVER TYPE</p> <p style="text-align: center;"><small>(circle dominant cover)</small></p> <p><input type="checkbox"/> Sx Willow</p> <p><input type="checkbox"/> Sve Greasewood</p> <p><input type="checkbox"/> Crx Rabbit brush</p> <p><input type="checkbox"/> Dst Salt grass</p> <p><input type="checkbox"/> Gx Grass species</p> <p><input type="checkbox"/> MoF Sweetclover</p> <p><input type="checkbox"/> Wx Weed species</p> <p><input checked="" type="checkbox"/> Jba Baltic rush</p> <p><input type="checkbox"/> Cx Sedge</p> <p><input type="checkbox"/> Ex Spikerush</p> <p><input type="checkbox"/> Tla Cattail</p> <p><input type="checkbox"/> Sva Bullrush</p> <p><input type="checkbox"/> Other _____</p>

SECOND VISIT-Fate
<p>Date <u> / / </u></p> <p>(check one)</p> <p><input type="checkbox"/> Hatch</p> <p style="margin-left: 20px;"><u> </u> # egg hatch</p> <p style="margin-left: 20px;"><u> </u> # egg remain</p> <p><input type="checkbox"/> Abandoned</p> <p><input type="checkbox"/> Flooded</p> <p><input type="checkbox"/> Destroyed</p> <div style="margin-left: 20px;"> <input type="checkbox"/> Raven/magpie <input type="checkbox"/> Skunk <input type="checkbox"/> Raccoon <input type="checkbox"/> Coyote <input type="checkbox"/> Unknown <input type="checkbox"/> Other _____ </div>



Location Sketch

Notes _____

Unit # 24

Transect # 123

Nest # ND654 is located

25 ft in North

South

of flag and

2 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

Waterfowl Production Survey

Observer Bendin Date / / Unit # Transect #

FIRST VISIT





Species godwits
 Nest #
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

12 # eggs
12 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 50ft

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 / /

(check one)

Hatch
 # egg hatch
 # egg remain

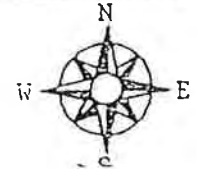
Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

off house

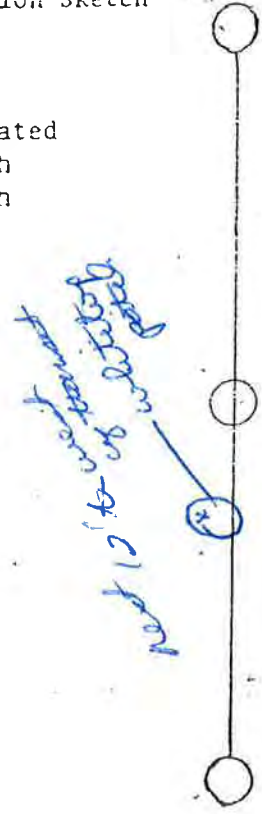
whitetop



Notes _____

Location Sketch

Unit # _____
 Transect # _____
 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

Waterfowl Production Survey

Observer Crowder Date June 01 / / Unit # _____ Transect # _____

FIRST VISIT





Species _____
 Nest # 606
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

_____ # eggs
 _____ Inc. stage
 _____ # parasitic eggs

Dist. to standing H₂O _____ ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

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

On tally column
 do not enter a #
 enter a word
 description.
 Come see the _____ KS

SECOND VISIT-Fate

Date _____ / / _____

(check one)

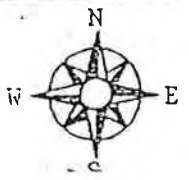
Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned

Flooded

Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____




Notes Nest 606 - is same
Nest as nest 602

Location Sketch

Unit # _____
 Transect # _____
 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		

Waterfowl Production Survey

June 2001

Observer Vradenberg Date / / Unit # Transect #

FIRST VISIT


Species _____
 Nest # 406
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

_____ # eggs
 _____ Inc. stage
 _____ # parasitic eggs

Dist. to standing H₂O _____ 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 / /

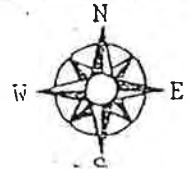
(check one)

Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes _____

Didn't use
406

Unit # _____
 Transect # _____
 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

7/13/01 92

Bird Data Sheets

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 2001

Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Veepin Sp.	2+	SS	17/T91	NS		
YHRP	X	SH	17/T93	FO		
GHCVL			17/T135/2			
TWAR		Tree	17/T73	NS		
UNID REPTER	1	↓		NS	Nest	
SPARROW SP		SS				
Muskrat w/ren	X		17/T19/2			
Cat	2					
Mall	~5					pond
C. SWIPA	~3	EMS	17/T5/2	NS		
CATER	1	EAT		NS		
WGB	10		17/6/2	FO		
Wiph						
ANAV	5			FO/NS		
SORA	1, 2		17/1/1	NS		
			59			
BNG	2	SW	17/1/3/2	FO/NS		
AMAI	10	↓				
Swallows	X	ARE		FO		
Wiph	~50			FO/NS		
Pod no dead phalaris	15	SW	17/5/5/2	FO		
Swallow	X					
ANAV	10			↓/NS		

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- MS = Short Emergent/Wet Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycation flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/19/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: _____ Observer: _____

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Canada duck	2	SH	5/95	UD		data
mallard	2	"	"	"		"
woodcock	2	SS	"	NS		
curlew teal	1	SH	3/93	UD		data
gadwall	2	EMS	"	UD		
mallard	2	"	"	"		
OH duck	1	EWT	"	"		
kr. w. blackbird	4	EMS	"	NS		
w. F. ibis	1	"	"	UD		
marsh wren	2	"	"	"		
curlew teal	2	EWT	3/91	UD		
OSW	1	"	"	"		
marsh wren	2	"	"	NS		
mallard	3	BMS	"	UD		
kr. w. blackbird	4	EWT	"	"		
woodcock	1	BMS	"	"		
kr. w. blackbird	8	"	"	"		
OSW	2	SH	"	"		us data
marsh wren	1	SS	"	"		

Number: _____ Habitat Codes: _____ Behavior: _____

X = present (too numerous to count)

EWT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')

SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

Entered by: *WJ*

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: _____ Observer: _____

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs lying	Comments
Song Sparrow	3	EWS	U18T09 1/2	FO		
Song Sparrow	5	↓	↓	FO/FL		
M. Wren	X	↓	↓	NS		
Brewer's Sparrow	2+	SS	U18T09 1/2	UD		
Ibis	5+	EWS	↓	FD		
Ernst	2+	↓	↓	FD		
Green-winged Teal	1	EWS	↓	NS	Nest 3 eggs	white w/ brown spots. dark ends. All = 2 nd
N. Ring-necked Plover	1	EWS/SS	Between 9/10/09 & 10/10/09	Said out		
S. Egret	8	↓	↓	FO		
BCUFT	7	↓	↓	FO		
Ibis	12	↓	↓	FO		
Green-winged Teal	30+	↓	↓	FO		
W. Ibis	30+	EWS	U18T09 1/2	FO		
Arctic	5	↓	↓	FO		
Brewer's Sparrow	3	SS	U18T10 1/2	UD		
Savannah Sparrow	1	↓	↓	UD		
R. W. B. Wren	30+	EWS	U18T10 1/2	NS/FO		Higher than usual density here
M. Wren	X	EWT	↓	↓		
Arctic	30+	EWT	U18T10 3/2	FO		W- is skulker - 2-3", may be considered MF
W. Phalarope	30+	↓	↓	↓		
Ibis	30+	↓	↓	↓		

Number:

X = present (too numerous to count)

Habitat Codes:

- EWT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycation flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/17/10 JLC

BIRD DATA SHEET-DUCK NEST TRANSECTS, M/VNWR

Date: _____ Observer: _____

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Yellowthroat	1	EMR/EMS	U18T93 1/2	NS	Probed nest	
Arrebit	20+			NS/FO		1st w. of bank (River)
B. Tern	2			↓		
Song Sparrow	5+			FL		
Killdeer	10+			NS/FO		
Song Sparrow	3			FO		
Bittern	3	EMS/EMT	U18T91	NS/UD		
Song Sparrow	3			↓		
Mallards	5+	EMR/EMT		↓		Mallards (♀) Flushing from Cattails
N. Heron	1	EMR/EMS	U18T93 1/2	NS		2 nests on T
N. Yellowthroat	6+			NS/FO		11 " on 93
Mallards	5			NS/FO		2 owas w/ adjacent Sycam
Allen Hum	X			↓		Yellowthroats
Upper Sparrow	2+	SS	U18T95 1/2	NS/FO		Havir flushed up from Tule
Pygmy Sparrow	4			↓		4 birds away T assume a nest
M. Dove	2			↓		
Song Sparrow	1			↓		Song Sparrow @ N. end @ SS/TMS edge
Song Sparrow	5+	EMR/EMS	U18T95 1/2	FL		
Song Sparrow	1			FO		
Bittern	1			NS		
Mallards	30+			↓		- Tons of lone ♂ and ♀ using alkali EMR/EMS areas

Number: _____
 X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')

Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

7/17/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 May 01 Observer: Steve

U17

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Norper sp	~10+	gr short	17/81/5/2	NS		
Mudhackleck	~10+	↓	↓	NS		in pairs in field
Mallard						
Nopi	2		17/81/mud			in pairs
Ambr	2					
YHBB	X	bulrush	17/81/N/2	NS		
Marsh Wren	X	↓	↓	↓		
Mall ♀	1	↓	↓	NS	1	off transect
Muskrat den		↓	↓			Den, off transect (W)
Ambr	1	↓	↓	Pushed		
Cent	1	OW	83 N/2		1 yng	
Cage	1	bulrush	↓	NS	Nest 1 egg	@ N end of T, just inside bulrush
redhead	20	OW/EMT	83 N/2	NS	NS	in pairs, <u>dragging</u>
ELP	2	EMT	83 N/2	RL		ducks
Cope	~5	EMT	83 N/5	NS		
WFB	~100	EMT/EMT	79 N/2	FO		
Ambr	5	Sq	79 N/2	FO		Bton T 79 + 81
YHBB	X	EMT	77 N/2	NS		
↓	1		79 N/2	↓		
Ducks						seeing "old" spec in pair & single ducks
duck	1	EMT	17/79 N/2	Produced		in nest bird found
Redhead	1 ♀	EMT/OW	17/195	NS?	1 egg, produced	

Number: _____
 X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')

Behavior:
 FO = Foraging
 NS = Nesting/Nesting/Singing
 RL = Resting/loafing
 FL = Flying
 UD = Undetermined

SG = Shallow water (<2')
 SH = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

7/19/01 SK
 seen produced - we assume by nearby nest
 Parker Pond: W edge
 of bulrush (W of 83)
 did not observe exhibit or
 egret activity along bulrush edge
 like May 00 (Nesting them, colony was
 produced)

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 21 May 01

Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
SORA	2	EMS	U6/T23 1/2	NS		Singing
swallows	X		↓	FO		
teal	1	Emo	U7/T53 1/2	NS	1 egg	floating, no nest found
Amar	5,5			NS		
Sora	1			NS		
Kill	III			NS		
G. Snipe	1	EMS		NS		deep, over
sp	2			NS		
WIPH	20,25			F _n		
YHBB	X					
WHB	1c		↓	FC		
10 Pelican	95	ow	U7/T53 1/2	F _o /RL		N. series pond
crns	2					
WHB	1c			F _o		
AmAV	4			NS		
Ruddy Duck	10			F _o /RL		
Ducks	~40	✓		F _o		
A. Bittern	1	EMT	U6/T53N2	Flashed		
C. Yellowthroat	1			NS		
YH B. Bireid	X			NS		

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)

EMS = Short Emergent/Wet Meadow (rush, sedges,

MF = Mud Flat/Shore (unvegetated flat/shore)

SS = Shrubland (dominated by greasewood, rabbitbrush)

DE = Deep water (>2')

SH = Shallow water (<2')

SG = Saltgrass (salt grass, alkali saccaton flats)

GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging

NS = Breeding/Nesting/Singing

RL = Resting/Loafing

FL = Flying

UD = Undetermined

7/19/01 RC

019 T1-11
0945-0223
2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
Date: 5/21/06
Observer: K. Cravener
Sunny, windy & cold!
B: 2

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lying	Comments
WEME	1	SS	U19 T1 S/2	UD		singing
BBMA	1	SS	"	UD		calling
WESP	1	SS	"	NS		S
HOLA	1	"	"	UD		calling
WEME GITO	1	SS	"	UD NS		S
Unknown	1	SS	"	NS		S continuous stream of warbling notes
BRBL	2	SS	U19 T1 A/2	RL		On telephone wire Pair
WEME	1	SS	"	NS		S
WEME RINP	1	SS	"	UD		calling
RTHA	1	SS	"	FL		circling above head & calling
WEME	2	SS	U19 T3 S/2	NS		S
Chorus Frogs	1	—	"	—		croaking nearby
BBMA	1	SS	U19 T5 S/2	UD		calling
WGSW	2	SS	"	FL		S
WESR	2	SS	"	NS		S
WEME	1	SS	"	NS		S
HOLA	1	GR SS	U19 T5 N/2	NS		S short grass & alfalfa
Unknown - ground sp. (MWS)	2	SS	U19 T7 N/2	UD		Rabbitbrush/greasewood
BRSP	1	SS	"	NS		S
TUNU	1	SS	U19 T7 S/2	FL		
WEME	2	SS	U19 T9 S/2	FL		
HOLA	1	SS	"	NS		S
RTHA	2	SS	"	RV/FL		1 may be a repeat
HOLA	1	SS	"	FL		

Number: _____

Habitat Codes:

Behavior:

- X = present (too numerous to count)
- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore))
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali syceton flats)
- GR = Grassland (non salt grass but not wetland veg)
- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loufing
- FL = Flying
- UD = Undetermined

Entered 5/29/06

24TH
2

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: MAY TRANSCTS 2001 Observer: R Garcia

55-63

21-25 MAY

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Belted Kingfisher	1	EWS/EWT	FO/LO/NS?	U3T1075/2		
Song Sparrow	3	↓	FL	↓		
BCWH	5	↓	FL	U3T1074/2		
Song Sparrow	4	↓	LO	↓		
W.B. Bird	4	↓	NS	↓		
M. Warbler	3	EWS/EWT	FL	U3T1055/4		
Song Sparrow	2	↓	FO	↓		
W. Kingbird	1	↓	LO	↓		
BCWH	3	↓	FL	↓		
Song Sparrow	1	EWS	U16T553/2	SI		
Brewer's Sparrow	3+	↓	↓	SI		
Song Thrasher	2+	↓	↓	SI		
BCWH	2	EWS	↓	FL		
Brewer's Sparrow	7+	SS	U16T575/2	LO		
W. Kingbird	2	↓	↓	LO		
Brewer's Sparrow	10+	↓	U16T534/2	LO/NS		
Killdeer	10+	MF	U16T592/2	FO		
Avocet	10+	↓	↓	↓		
Spotted Sandpiper	1	↓	↓	↓		
Brewer's Sparrow	2	SS	U16T595/2	SI		
Robins	3	↓	↓	NS?	Eggs free may have fallen nest?	
Brewer's Sparrow	6+	↓	U16T815/2	SI		Nest to locate!

Wb have both White-tail and Black-tail Jack rabbit here!

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lounging
- FL = Flying
- UD = Undetermined
- SI = Sings

7/20/01 RC

Unit 20 T91-27
2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 2001 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
SANS	1	GR	UBCT23N1/2	NS		S
BRBL	1	GR	"	NS		↓
SOSR	1	GR	"	NS		
CLSW	2	GR	"	FL		
WEME	2	GR	"	NS		S
MDDO	1	SS	"	RL		
RM BRBL	1	SS	"	RL		
CORA	1	SS	U20T21N1/2	FL		
SANS	1	GR	"	NS		S
RMBL	1	EMT	"	PL		calling
SATH	1	SS	U20T25N1/2	NS		S
SANS	1	SS	"	NS		S
RUPH	1	SS	"	RL		♂, flushed
BRBL	1	Thru	U20T27N1/2	NS	1 nest/6 eggs	On N bank of ditch along top of field — near mid T post (W of)
BRSP	1	SS	"	NS		S
YESR	1	SS	"	NS		S
RMBL	1	SS	"	RL		calling/scolding
CORA	1	EMT (W)	"	FL		
MDDO	1	SS/SG	"	NS	1 nest/2 eggs	Nest under greenwood brush, about 6' from standing water (S bank of ditch) 9 ft from center line (W) (1-25/2 cover)
						Flushed hen

Number: X = present (too numerous to count)

Habitat Codes:

Behavior:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
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- DE = Deep water (>2')
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- GR = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered 5/29/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/22/01 Observer: R. Garcia

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Avocet	10+	EWS	107103 1/2	FD		
Blen	1			↓		
Sora	1			FL		
Shore	5			FD		
Phalarope w.	15+			↓		
B.W. Shill	2			↓		
Mallard	1	EWS	107103 1/2	NS	1 Egg	15' w. of center 300' 100% covered
Y.A. Blackbird	X			FO/FL		
Sora	2			↓		
Avocet	15+			↓		
Turk	30+			↓		
D. Redd	5+			Breed	5+ chicks	
Sora	5+	EWS	107103 1/2	FO/FL		
Killdeer	5+			↓		
Bittern	1			↓		
w. Phalarope	25			↓		
Sora	2			↓		
Avocet	10+			↓		
Thru	10+			↓		
Avocet	5	EWS	107103 1/2	FD		
Sora	3			↓		
Phalarope	10+			↓		

Number: _____
 X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/18/01 *RG*

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/22/01 Observer: R. Garcia

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
<u>Anas</u>	<u>10+</u>	<u>EMS</u>	<u>097103/2</u>	<u>FO</u>		
<u>Platyrhynchos</u>	<u>30+</u>					
<u>Syrnoides</u>	<u>5+</u>					
<u>Killdeer</u>	<u>10+</u>					
<u>Mallard</u>	<u>2+</u>	<u>X</u>	<u>X</u>	<u>NS</u>	<u>Nest 3 eggs</u>	<u>destroyed by fire</u>
<u>R.N. SHTL</u>	<u>2+</u>	<u>EMS</u>	<u>097103/2</u>	<u>FO/NS</u>		
<u>Anas</u>	<u>10+</u>					
<u>Syrnoides</u>	<u>5+</u>					
<u>Platyrhynchos</u>	<u>20+</u>					
<u>Ibis</u>	<u>10+</u>					
<u>R. Blackbird</u>	<u>X</u>					
<u>VH Blackbird</u>	<u>X</u>					
<u>Anas</u>	<u>20+</u>	<u>ME</u>	<u>097101/2</u>	<u>FO/NS</u>		
<u>Killdeer</u>	<u>10+</u>					
<u>Syrnoides</u>	<u>5</u>					
<u>Ibis</u>	<u>40+</u>					
<u>* Mallard</u>	<u>1</u>	<u>ME/EMS</u>	<u>097101/2</u>	<u>NS</u>	<u>In eggs</u>	<u>ME/STORA 25% Ground Layer</u>
<u>Ibis</u>	<u>20</u>	<u>EMS</u>	<u>097101/2</u>	<u>FO</u>		
<u>Anas</u>	<u>20</u>					
<u>Syrnoides</u>	<u>5</u>					
<u>Syrnoides</u>	<u>1</u>					

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycamore flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/18/01 RC

U19T13-17
2001
0705-0915.

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
Date: 22 May 2001 Observer: K. Cravener

Sunny, warm (55°F)
cloud cover 5%, B = 1

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lying	Comments
SANS	2	GR	U19T13S1/2	NS	S	S
WEME	2			NS	S	S
WEME	3	GR*	"	FL (NS)		Chasing each other & scolding
RWB/L	1	GR	"	NS	S	S
CAGO	2	MF?	"	RL		Some of what used to be a pond - mostly
CORA	1	GR	"	FL		call
MOOO	1	SS	U19T13N1/2	FL		
BTLH	1	SS	"	FL		♂
SATH	1	SS	"	NS		S (may be same bird as yesterday)
WESP	1	SS	"	NS	S	S
WESP	1	SS	"	FL		calling
BRBL	2	SS	"	FL		S
BRSP	1	SS	U19T15N1/2	NS	S	S
CORA	2	SS	"	FL		calling
SOSO	1	SS	"	NS	S	S
SANS	2	SS	U19T15S1/2	NS	S	S
HOLK	1	SS	"	UD		calling
SOSA COSN	1	SS?	"	NS NS		calling/whispering
SOSA COSN	1	GR*	"	NS		whispering
RNBL GR	1	GR	U19T17S1/2	NS	S	S
WEME	1	GR	"	NS	S	S
WEME	1	GR	"	NS	S	S
SANS	1	GR	"	NS	S	S
KILL	1	MF	N1/2	UD		calling
SANS	1	SG	"	NS	S	S
NSGN	1	SS	"	FL		calling

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lounging
- FL = Flying
- UD = Undetermined

BTLH

SS

FL

* Dried up EMS

Entered 5/29/01, KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 01 Observer: Stone

20-22 May: have found a few predated Anas eggs, also noting display of Anas

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/flyng	Comments
Hummingbird	1	SS	7/49 Mid	-?		
Savvy Sparrow	4T	↓		NS		
↳ Snipe	1	EMS	6/49 N	NS		
Kill	2	SS	6/47 M	NS		
Wasp sp						
Sparrow sp	1	SS	6/47 M	NS		
Wasp	40	SW	6/47 9/2	NS		
Anas	↳	EM/EMS		NS		
↳ HB	X		7/47 9/2			
Great Egret	1	SW	9/45 9/2	fo		
Redk	~10			NS		in pairs
Anas	5	SW		fo		
Wasp	40			fo/NS		
Various duck spp	100	Sedges		fo/NS		
Ru BB	X	EMS		NS	Nests large	juvs & sev
coyote	4	gr/SS	4/6 7/4 8/1		4 juv	
Wasp	40	AW	4/6 7/4 8/3	fo		
Anas	10			fo/NS		Pool @ NE corner 6, H20 ↑ high
↳ HB	X	EMT	↓	NS		
Long-billed curlew	5	SG	4/6 7/4 8/3	fo		W of flooded area in 6

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/singing
- RL = Resting/loafing
- FL = Flying
- UD = Undetermined

7/16/01 RC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 01 Observer: Steve

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lying	Comments
BNST	2-2-2	EMs/low	7/151	NS		In area of old pockets w/
WPH	25 35 40	ow		FO/NS	1	pockets of oldp + yuba
Amav	4 ^o 14	EMs/low		NS		
Sora	1	OW		FO		
NSH	~20	ow		NS		In pairs + in 3s, ↑ defensive of fs
Red-necked Phala.	10	OW		FO		
Sora	1	EMs		Flush		
SOSA	2	Low		↓ NS		Along levee
WPH	10			FO		
YHBB	X			FO		
PC Night heron	1			FO		
Kill	X					
Death	~10	ow		FO/RL/NS?		
Toad	~20	↓		↓		
Redh	~25	ow/emb	7/149/2	Flush		↑ duck activity
WPH	25			FO/RL		
Gadw	~25			↓		
NSH	~25			FO/NS		
WPH	35			FO/NS		
Snowbirds	X			NS		
SPSA	1			NS		
WGB		↓		FO		
YHBB	X	emr		NS		Nests/egg had greenwood w/NS yuba + yuba

Number: X = present (too numerous to count)

Habitat Codes:

Behavior:

- EMT = Tall Emergent (Cattail, bulrush)
- ENS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)
- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

5-8" 1/2"

7/18/01 *SK*

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/22/01 Observer: R. Garcia

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Floris	151	EWS	U9T99 1/2	FO		
Phalarope	10+					
B.N. Skink	7					
Shrike	5					
Avesel	5	EWS	U9T99 5/2	FO		
Killdeer	5			FO		
Phalarope	20			FO		
B.N. Skink	3			FO		
Y.H. Blackbird	X			NS		
Y.H. Blackbird	X			FO		
Y.H. Blackbird	X		U9T99 7 5/2	FO		
Avesel	3			FO		
Phalarope	20					
Shrike	2					
G.H. Owl	1			LO		
Mallard	1 NS	EWS	U9T99 7 1/2	NS		Abst on T (Destroyed because)
Clean Teal	1 NS			NS		Nest on T. Co Clean 1/2 Redhead (Aborted)
V.H.B.B. Bird	X			NS		" " " " 4 eggs
R.W.B. Bird	X			NS		" " " " 4 eggs
Phalarope	7			FO		
Shrike	1			FO		
Ibis	10			FO		

I did fill out a sheet for these but you'd want to document it here also

Number: _____

X = present (too numerous to count)

Habitat Codes:

- EWT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges, MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered 7/18/01 RC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May Observer: 01 Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Cow	1		6/33(S)		egg	predator
PuBB	X		6/35 N+S			
SORA	1	EMS	6/35/N	NS?		maybe egg taken, slight ruck
ANON	1		6/35 M	FL		
C-Snipe	1	EMS	6/35(N)	NS		probably egg gone 1-3" hole
Phoebe	2	SW	16/71/N	FO		
duck dp	1	MF	1	FO		eggs hole fragment
eggt cite	5	WD	14/71/5/2	FO		found brown
Thel	5					
Wedge	1	SS	16/71/5/2	NS		
Spurred	X		16/69/3/2	NS		
Harnd lake	1		16/69/4/2	NS		Singing
Bay thrasher	1	SS	16/67/5/2	NS		
Bay	2	post MF		RL		
Amox	2	WD		FO		
Meadow lark	1	gr		NS		
Kill	2			NS		
sparrow spc	1	gr		NS		
Cow	2		16/65 mid			near
Spca	2	WD/MF		NS		near
White crowned spc	1	SS	16/65/N ²	?		
ANON	2	SW	16/65 (N)	FO		near grassland, at least 1/8 with 5

Number: X = present (too numerous to count)

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Behavior:

- FO = Foraging
- NS = Breeding/Resting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Chipping Sparrows? familiar song (rattle plus 3 @ beginning)) grassland but not singing.

7/17/01

JK

6/14 post

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May 2001 Observer: K. Crandall

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
WEME	2	EMS(a)	U20T29N1/2	NS		S
SANS	1	EMS(a)	"	NS		S
RWBL	1	"	"	"		S
KILL	2	"(a)	"	FO NS		call
CORA	1	"	"	FL		
NORP	2(a)	EMS(a)	"	RL		standing water in low area
(Unknown sp (NER?))	2	"	"	FO		
BRSP	1	SS	"	NS		S
BRSP RINP	2	SS	"	UD		calling
WEME	4	SS	"	NS		S
SANS	1	SS	"	NS		S
COSN	1	ENS(a)	"	UD		calling
SANS	2	"	"	NS		S
HOLA	2	crods	"	FL		Sighting
RWBL	6	crogs	"	NS/SL		scolding, prob a nest nearby
VERP	1	SS	U20T30N1/2	NS		S
CKGG	1	SS	" 3N1/2	FL		
CORA	7	SS	"	FL		All flying F
BRSP	1	SS	"	NS		S
KTLL	3	rood	"	NS		All 3 calling
COSN	1	EMS a	U20T33N1/2	NS		warning
WEME	3	SS	"	NS		S
BRSP	1	SS	"	NS		S
SOSP	1	SS	"	NS		S

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- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges)
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Behavior:

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- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered 6/25/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/23/01

Observer: R. Garvin

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Bittern	2	EMWS	QT95W/2	FL/FO		
Snipe	5		↓	FL		
V. I. R. B. B. S.	X		↓	NS		
Sora	2		QT95S/2	FO		
Snipe	1		↓	FL		
V. I. B. B. B.	X		↓	NS		
Avocets	5		↓	FO/FL		
Rosarin	1		↓	FL		
Rosarin	1		UQT93S/2	FL		
Sora	3		↓	FO		
Snipe	4		↓	FL		
Boys	10		↓	FO		
Snipe	4		UQT93W/2	FL		
Sora	1		↓	FO		
Ibis	3		↓	FO		
Ibis	25+		UQT92	FO		
Sora	4			FO		
Avocet	10+			FO		
Avocet	5+		↓	FL		
Killdeer	2		↓	FL		
Avocet	5		UQT90S/2	FO		
Ibis	30+		↓	FO		
Sora	5		↓	FO		

Number:

X = present (too numerous to count)

Habitat Codes:

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Behavior:

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- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered 7/18/01 RC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 Mar 01 Observer: Stone

Unit 11: Mall, Gadus
in Pairs & displaying
Mating/Courtship Beh

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Mado	3	SS	11 133 1/2	Flushed	♀ found	
Prewever Spar.	1	↓		NS		
bullcalk carcass	1		11 131 1/2	dead		
YHBB	X	EmT	11 131 1/2	NS		
WIPH	5	ovd	11 131 mid	NS?		
RUBB	X	EmS		NS		
coye	1	EmT	11 131 (N)	NS		
Mall	~10	EmS	11 129 M	?		pairs flushing but ♀ single ♀
YHBB	X	EmT		NS		
WFIB	70	Emo		FO		
RUBB	X	Emo		NS		
SORA	1	EmT	11 129 1/2	NS		west of transect, along canal
NOHA	1	GR	11 129 1/2	FO		
BH Cowbird	2	GS	11 125/126 1/2			
SORP	1	Emo	11 129 1/2	FO		Near middle of 4/11
WSRH	10	ovd				
Song Sparrow	1					
WFI	10	Emo		FO		
RUBB Bud	X			NS		
Song Thrasher	1	SS	11 127 1/2	NS		grassland, salt pan
WFI	12	SS	11 127 (mid)	FO		
godwin	8	(M)		?		
MALL	5	↓		↓		

rack present, N of mud pole in Unit 11
pond area - has sm. earth levee around it
small canal to @ N side of "pond improvement"

Number:

X = present (too numerous to count)

Habitat Codes:

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- DE = Deep Water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali saccaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/18/01 SK

BIRD DATA SHEET-DUCK NEST TRANSECTS, MWNWR

Date: 23 May 01 Observer: Steve

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
SORA	1	OV/EMS	11/14 (M)	FO		
Wphk	20	↓		↓		
Coye	1	4mT	11/T141 1/2			
SPARROW SPARROW	X	SS/9/1	11/T141 5/2			
MARSH WREN	X	2mT	11/T141 1/2			
Song sparrow	2	9S	5/T141 1/2			
Marsh wren	X	EMT	11/T139 1/2			
Coye	3 ⁺	↓				
Ruddy duck	8	OV				"Pond" west of T139
COOT	10					
USFB	5	↓				
Ait	5	↓				
THBB	X	EMT				
NO5H	3	N				
Amibi	1	EMS				
pp. grebe-grebe	1	OV				
Brewers sparrow	1	9S	11/T135 1/2	NS		
hummingbird	1	SS		FL		
Song sparrow	1	SS		NS		
sparrow sparrow	1	SS		NS		

Number: X = present (too numerous to count)

Habitat Codes:

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- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

7/18/01 SC

U20T29-35
2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May '01 Observer: K. Casade

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/ymg	Comments
HOLA	1	SS	180T33N ¹ / ₂	NS		3
VESP	1	SS	"	UD		
VESR	1	SS	"	NS		3 Flying overcast (?)
SATH	1	SS	"	NS		3
VESP	1	SS	"	"		3
SANS	1	SS	"	"		3
BASW BARS	1	Field	"	FL		
RRSP	1	SS	"	NS		1
WEME	3	SS	"	NS		3
VESR	1	SS	"	NS		3
BRBL	1	SS	"	FL		
RWR	2	SS	"	NS		3
COSN	1	SS	U20 35N ¹ / ₂	NS		3 winnowing
RRSP	1	SS	"	NS		3
HOLA	2	SS	"	FL		3 calling
SANS	1	SS	"	NS		3
CUSW	1	SS	"	FL?		3 call
HOLA	1	SS	"	NS		3
RRSP	1	SS	"	NS		3
RRSP RINP	1	SS	"	UD		3 call

Number: X = present (too numerous to count)

Habitat Codes:

Behavior:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Met Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycamore flats)
- GR = Grassland (non salt grass but not wetland veg)
- FO = Foraging
- NS = Nesting/Singing
- RL = Resting/Looting
- FL = Flying
- UD = Undetermined

Entered 6/25/01 JC

U34
T109-111

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May 2001 Observer: K. Crocades

24 May 2001

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Unknown Raptor	1	GR	U24 T109S1/2	FL		circling, light beneath, no red on tail - femur?
MALL	1	GR	"	FL		call
SANS	1	SS	U24 T109 N1/2	UD		call
WFIIB	1	ENS	"	FL		Flushed
YHBL	1	ENS	"	FL		
DNBL	1	ENS/SS	"	NS		calling/singing
DNBL	1	ENS	"	NS		5
SANS	1	ENS(UD)	"	NS		
CORA	3	ENS(UD)	U24 T111 N1/2	FL		
WFIIB	31	"	"	FL		Flushed by something
YHBL	1	"	"	FL		
SANS	1	"	"	NS		"
WESP	1	SS	"	UD		Flushed
AMAV	1	ENS	"	NS		calling/scolding
MALL	1	"	"	FL		flush ♂
WFIIB	2	"	"	FL		call
RNBL	4	"	"	FL		chasing/calling
BRBL	3	SS	"	NS		2♂, 1♀ displays
WRSR	1	SS	"	NS		5
BRSP	1	SS	U24 T113 S1/2	NS		5
YHBL	1	SS	"	FL		
CORA	2	SS	"	FL		
SANS	1	SS	"	NS		5
AMAV	3	ENS	"	FL		

Number: present too numerous to count

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Met Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep Water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Singing
- RL = Resting/Looting
- FL = Flying
- UD = Undetermined

Entered 6/25/01 RC

1
23 May
24 May
↓

U83
TT3-83
3001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May 2001
Observer: K. Scowder
24 May 2001

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
CORA COSN	1	GR	U23T8N1/2	NS		winnowing
CORA	4	GR	"	FL		E
BRRL	2	GR	"	NS/FL		scolding
CORA	7	GR	"	FL		E
SANS	1	SG	"	NS		S
SANS	1	SG	"	NS		S
WEME	2	SG	"	NS		S
SANS	2	SG	"	NS		S
DNBL	1	SG	"	RL		
MAHL	1	GR	"	FL		
SANS	4	GR	U23T5N1/2	NS		S
SANS	5	GR/SS	"	FL/NS		S/call/Flly
BRSD	1	"	U23T7N1/2	NS		S
WEME	2	"	"	NS		S
SANS	1	"	"	NS		S
RNBL	X	EMT	U23T8N1/2	NS		Cattail in ditch adjacent to field
BHCO	1	GR	"	NS		S
RNBL?	1	EMT	U23T8N1/2	NS	1/3	See nest form. Nest off transect (13 ft from center-line). In standing cattail w/ 3 conical blue eggs. Only birds around are RNBL & they are acting defensively
SANS	2	GR	"	NS		
DNBL	1	EMT	"	NS	1/0	Nest in cattail as before, 9 ft off-line

Number: X = present (too numerous to count)

Habitat Codes:

Behavior:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not Wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered 6/25/01

U24

2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 24 May 2001 Observer: K. Cowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
COSON	1	EMS	024T113S1/2	NS		
YHBL	3	"	"	FL		winnowing
ANCO	1	"	"	UD		call
GADW	2	"	"	FL		Flush (P)
WEIB	1	"	"	FL		"
GADW	2	"	"	FL		" (P)
RWBL	2	"	"	FL		
UNDC	12	"	"	FL		Flush - some NALL
MNWR	1	"	"	NS		s
MNWR						
Red-necked Shit	2	EMT	"	NS/FL		1 Flying, other distraction display
"	8	SH	"	FL		calls /abum
MNWR	x	EMT	024T113S1/2	NS		s
MNWR						
ANAV	3	SH	"	NS		
BNST	3	SH	"	NS		distraction displays
"	5	SH	"	NS		"
ANAN	3	SH	"	FD		
WEIB	1	ENS	"	FL		
GADW	2	"	"	FL		Flush
NOSH	1	"	"	FL		
CITE	2	"	"	FL		
GADW	1	"	"	FL		↓
YHBL	4	EMT	"	NS/RL		
GADW	2	ENS	"	FL		Flush

X = present (too numerous to count)

Number:

Habitat Codes:

Behavior:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lofting
- FL = Flying
- UD = Undetermined

Entered 6/26/01 KC

U23
T73-53
2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 24 May 2001 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lying	Comments
RNBL?	1 (nest)	EML	U23T83N1/2	NS	1/0	New nest as before (in standing cattail)
RNBL?	1 nest	EML	"	NS	1/3	Give eggs as before - 17 ft off
YHBL	1	EML	"	FL		
2RNBL?	1 nest	"	"	NS	1/0	12 ft off
WEME	1	Farm	"	NS		S
SOSP	1	EML	"	UD		calling
MHL	2	EML	"	RL		Flushed (P)
MHL ^{MHL}	1	riposition	"	NS		S - willow trees along ditch
GTTO	1	"	"	NS		S
WEMA	1	"	"	NS		S
MODD	1	"	"	FL		
BRNA	1	"	"	UD		call
SANS	1	GR	"	NS		S
RTHA	1	riposition	"	NS	NS	obs site in willows, calling
BRMT	1	rip.	"	UD	1 nest	Nesting tall willow
GADW	2	SH (ditch)	"	RL		call
SOSP	1	rip	"	NS		Flush (P)
SOSP ^{SOSP}	1	rip	"	NS		S
DISI/Goldfinch	1	rip	"	NS		S
COSN	1	farm?	"	NS		winnowing
VS ^{VS}	1	SS	U23T83N1/2	NS		S
SANS	1	SS	"	NS		S
WEME	1	SS	"	NS		S
WESD	1	GR	"	NS		S-NS

Number:
X = present (too numerous to count)

Habitat Codes:
EML = Tall Emergent (Cattail, bulrush)
MF = Short Emergent/Wet Meadow (rush, sedges,
Mud Flat/Shore (unvegetated flat/shore)
SS = Shrubland (dominated by greasewood, rabbitbrush)
DE = Deep water (>21')
SH = Shallow water (<21')
SG = Saltgrass (salt grass, alkali sycamore flats)
GR = Grassland (non salt grass but not wetland veg)

Behavior:
FO = Foraging
NS = Nesting/Nesting/Singing
RL = Resting/Loafing
FL = Flying
UD = Undetermined

Page 2 of 2
Entered 6/25/01

see nest form on transect

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 29 May 01 Observer: Stone

1 6/35/15 Emt/ud none found N

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
YHRB	X	0W/EmT	17/14/152	NS	1	
Ruddy Duck	4	0W		UD		
Cove	1	EmT		NS		
Sparrow spc	1	SS		NS		measured
C Snipe	1	EmT	6/74/1NP	NS		
Cove	1	EmT	6/41/12	NS		@north
Ruddy-bird		EmS	6/37/12	NS		
Wph	10, 10	EmS	6/37/12	NS		
Cove	1	EmT	6/39/12	NS		
YHRB	X	EmS	6/37/12	NS		
Amov	2	SU	6/39 M	FO		
C. Snipe	2		6/35 (N)	FO		
Meadowlark	1	SS		↓		
Sparrow spc	5+	SS	6/39 (M)			
Ducks unident						in pairs / likes pond
Wph	5	0W	6/35 N/2			
Wph	3	1				
SORA	1	?	6/35 3/2	NS		
Cove	7		6/35/12	FL		
Wph	5	0W/EmS		NS/FO		
Wph	2			FL		
Amov	2			FL		
Wph	2			FL		
SORA	1	?	6/35/12	NS		throughout T

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Net Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep Water (>2')
- SH = Shallow Water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/17/01 SK

U24
T113-119
2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 24 May 2001 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
NOSH	2	EMS	U24T113N1/2	FL		Flush
(UNDU (dabblers))	2	"	"	FL		Flush, NOPT/GADW
UNDU	1	"	"	-	1 young	Dead duckling, looked for a nearby nest, but didn't find one.
Chorus Frog	-	EMT	"	-		
WFTB	1	EMS	"	FL		
SOSP	1	EMT	"	NS		S
WFTB	15	FNS	"	FL		Flush
GADW	2	"	"	FL		↓
MALL	4	"	"	FL		
RDDU	1	DE ²	"	FO		3 ft deep
MNWR	4	EMT	U24T115N1/2	NS		S
BCNH	1	SH	"	FL		1 3/4 ft deep
AMCO	22	SH	"	RL		
GADW	2	FMT	"	FL		Flush (P)
RMBL?	nest	EMT	U24T115	NS	1 nest/2 egg	Nest 4.5 ft from transect in the
BLTE	13	SH	"	FL/FO		remains of a speckled nest in
DAGU	5	EMT	"	FL		otherwise 100% bulrush. 2 blue.
Egsp.	1	SH	"	FL		yellow-brown speckled egg. 0-5% cover
SNEG	1	SH	"	FL		
WTRH	12	SH	U24T117(S)	FO		
WTRH	4	SH	"	FL		
ANAV	3	"	"	FO		
GADW	2	EMS	"	FL		Flush (P)
MNWR	3	EMT	"	NS		S

Number: X = present (too numerous to count)

Habitat Codes:
EMT = Tall Emergent (Cattail, bulrush)
EMS = Short Emergent/Wet Meadow (rush, sedges,
MF = Mud Flat/Shore (unvegetated flat/shore)
SS = Shrubland (dominated by greasewood, rabbitbrush)
DE = Deep water (>2')

SH = Shallow water (<2')
SG = Saltgrass (salt grass, alkali sacaton flats)
GR = Grassland (non salt grass but not wetland veg)

Behavior:
FO = Foraging
NS = Breeding/Nesting/Singing
RL = Resting/Loafing
FL = Flying
UD = Undetermined

S = Singing
(P) = Pair

7/17/01 JK

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 25 May 01 Observer: Stone

About 1/2 to 2/3 total ducks

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Marsh wren	X	emT	8/81	NS		bulrush
YHRB	X	↓	↓			
Coye	2					
Arnar	2		8/8 1/2	FO RL		
WPK	30					
	15					
	15					
Canada grebe	1					Small, shallow dense of shallow water ponds / N of bulrush
Wopi	2					
Wopi	4					
Wopi	25					
Wopi	10					
Wopi	2					
Wopi	25					
Wopi	5					
Wopi	30					
Wopi	150					
Wopi	5					
Wopi	50					
Wopi	20					
Wopi	40					
Wopi	20					
Wopi	10					
Wopi	20					
Wopi	10					
Wopi	40					
Wopi	X					
Wopi	1		8/51 (N)	NS		♀ - distraction beh @ ~ 70 yards

X = present (too numerous to count)

Number:

Habitat Codes:

Behavior:

- EWT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

combination of SW + pockets of EMS veg + bulrush

↑ use

♀ - distraction beh @ ~ 70 yards

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: Blunden

Observer: 5/25/2001

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Wood duck	33	EMT	3/101	NS		
Willet	1	EMT	"	"		
30miler	24	EMS	"	PO		
Osprey	1	BMT	"	ESAD		
Wh. blackbird	1	"	"	NS		
Wetland	5	EMT	3/99	PO		
Wetland wet	10	EGS	"	"		
6 h. Cuckoo	8	GS	"	"		
1 h. blackbird	4	EMT	"	UD		
Green-winged Teal	1	SG	"	FO		
Common teal	2	SH	3/97	RL		
Osprey	21	"	"	"		
Wetland	33	"	"	"		
Wetland	2	BMT	"	NS		
Wh. blackbird	14	"	"	"		
Wetland	1	GS	"	UD		
Common teal	2	SH	"	"		in ditch
Osprey	1	SH	"	FO		in ditch
Wetland	1	EMS	3/95	NS		
* Osprey	1	GR	"	FO		
Wetland	2	FMS	"	FL		
Wetland	4	SH	"	UD		
Wetland	4	SH	"	UD		
Wetland	2	"	"	"		

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)

EMS = Short Emergent/Wet Meadow (rush, sedges,

MF = Mud Flat/Shore (unvegetated flat/shore)

SS = Shrubland (dominated by greasewood, rabbitbrush)

DE = Deep Water (>2')

SH = Shallow Water (<2')

SG = Saltgrass (salt grass, alkali sycation flats)

GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging

NS = Breeding/Nesting/Singing

RL = Resting/Loafing

FL = Flying

UD = Undetermined

* not a band

Entered 6/26/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/25/2001 Observer: Kimberly

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
R.W. Blackbird	1	GR	3/105	NS		
Lesser Scaup	2	SG	"	UD		
Common Goldeneye	1	GR	"	NS		
Greater Scaup	1	EMT	"	FO		
Common Goldeneye	1	EMS	"	NS		
Western Phalarope	3	"	"	UD RL		
n. Shrike	4	"	"	FL		
Mallards	6	"	"	FO		
r.w. Blackbird	8	"	"	UD		
n. Shrike	1	"	"	FO		
Harrier	1	"	"	FO		
Common Goldeneye	1	"	3/103	FO		
Common Goldeneye	1	EMS	"	NS		
Greater Scaup	1	GR	"	UD		
Lesser Scaup	1	GR	"	US		
Lesser Scaup	4	BMT	"	NS		
Pintail	1	"	"	NS		
Yellowthroat	1	"	"	"		
Spotted Sandpiper	2	EMS	"	PO		
Common Goldeneye	1	GR	"	NS		
Lesser Scaup	3	SG	"	NS		
Yellowthroat	1	EMT	"	NS		
Common Goldeneye	1	EMS	3/101	NS		
gr. W. Blackbird	3	EMT	"	NS		

Number: 0
 X = present (too numerous to count)

Habitat Codes:

Behavior:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep Water (>2')
- SH = Shallow Water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)
- FO = Foraging
- NS = Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered 6/26/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/25

Observer: Shawna

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
<i>W. F. ibis</i>	6	EMS	3/107	FL		
<i>W. Solitaires</i>	1	EMS	1"	"		
<i>W.</i>	1	"	"	FO		
<i>P. W. Marshbill</i>	12	"	"	NS		
<i>N. Solitaires</i>	1	"	"	FO		
<i>C. King</i>	1	"	"	FO		
<i>Redeye</i>	1	"	"	FO		
<i>Marsh Wren</i>	10	EMT	"	NS		
<i>G. L. Grebe</i>	6	"	"	"		
<i>Wilson Thrush</i>	2	"	"	"		
<i>Blue wing Teal</i>	1	"	"	NS		
<i>Red wing Blackbird</i>	2	GR	"	NS		
<i>Prothonotary</i>	3	"	"	"		
<i>N. Pintail</i>	2	SH	"	FD		
<i>N. Shoveler</i>	1	"	"	"		
<i>W. W. Blackbird</i>	5	EMT	"	NS		
<i>Redhead</i>	8	SH	"	FD		
<i>W. Solitaires</i>	1	"	"	"		
<i>G. L. Grebe</i>	20	EMT	"	NS		
<i>Red wing Blackbird</i>	2	GR	"	NS		
<i>Red wing Blackbird</i>	1	SS	3/105	EMS		
<i>Red wing Blackbird</i>	1	"	"	UD		
<i>Red wing Blackbird</i>	1	MSL	"	NS		
<i>Red wing Blackbird</i>	1	GR	"	FL/FA		

Number:

Habitat Codes:

Behavior:

X = present (too numerous to count)

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep Water (>2')
- SH = Shallow Water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered via data, RL

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 25 May 01 Observer: Stone

Mid 79 US pole
passing.

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Amav	10	Disple tsw	8/79 (W)	dy NS		disp/5ve + tsw (Just W of T)
W. ph	25, 30			FO		
Mide	~88	(ems)		?		
RuBB	X			NS		
wfB	5			FO		
male	30		8/79			
Amav	5	Disp/sd				
10FIB	25 10	ems				
NSHON	25	ems				
Dahur duck sp	20	↓				
cik	~20?	ems	8/79 mid			near
wfB	150		11/79 (N)	FL/FO		
egret	10	ems	8/79 SW	FO		opika mark
wfB	20			1		
RuBB	X			NS		
Amav	2	sg		NS		disp just E of T
BNST	2	sg		NS		
Suape	1	sg		- ?		↓ secured
Amav	10	sw	8/79 (S)	NS		
BNST	4			NS		disp/mv/
Kill	X			NS		
wfB						
cik (100/150)	35	sw		?		

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, MF = Mud Flat/Shore (unvegetated flat/shore))
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali syceton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/loafing
- FL = Flying
- UD = Undetermined

US - from T79 Mark: disp, foxtail, spike mark w/ 1-3" H2O. Can hear ↓ duke (NSH cik, HALL), which +

Entered 6/26/01, RC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 25 May Observer: 01

Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Meadowlark	1	GR	8/73 M	NS		
SORA	1		8/73 (5)	NS		
Sparrow spc	1	grt ss	8/73 N/2			
Song sparrow	1	↓	↓			
Cowp	1	EMT	2/73/3/2	NS		tylo
Snyde	1		2/73/N			
RWB Bird	X	ems	2/73/3/2	NS		
SORA	1	?	↓	NS		angry
Snyde	3	ems	2/73/3/2	NS		
Red-tailed hawk	1	trees	2/75/(N)	NS		on private land, bordering U2
SORA	1	?	2/75/mid	NS		
Vireon spc.	1	?	2/75/N	NS		heard ↓
snyde	2	ems	2/75/3/2	NS		
Anna	2	ow	8/77/5-2	fo		
W. Blk	10			fo		
WFB	15	ow/ems		fo		
horned lark	1	ca		NS		
birds	20	ow	↓	fo/RL?		(or all) cde, gator
Brewer Spar?	4-5	grt ss	8/75 5-4N	NS		
Cowp	3	ow	2/77	Defensive		Pond area adjacent to lge canal
Redh & Abber ducks	125	ow	2/77/5	Various		"
Cowp	2	ow	↓	def		"
Cowp	20	↓	↓	NS		"

Number: 507a
 X = present (too numerous to count)

Habitat Codes: ↓

NS

Behavior ↓

South/east of Pond "

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lounging
- FL = Flying
- UD = Undetermined

Entered 6/27/01 RC

U24
T121-123
2001

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 25 May 2001 Observer: K. Crowder

0800-0930

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
SANS	1	EMT	U24T121	NS		S
RNBBL	5	ENT	"	NS		S
COSN	2	"	"	NS		circumventing
WEME	1	"	"	NS		S
NIOH	1	ENS/ENT	"	NS		Flushed from nest (?) Couldn't find nest
AWPE	1	"	"	FL		Flush
CITE	1	EMS	"	FL		Flush
WETIB	1	"	"	RL		
UNDD	6	"	"	FL		Flush (P)
COSN	1	"	"	NS		winnowing
CITE	2	"	"	FL		Flush
ANHV	1	"	"	FL/NS		calling
SANS	1	"	"	NS		S
WERH	2	"	"	FL		calling
KILL	1	MF	"	NS		
UBNHR	2	EMS	"	FL		flushed in EMS
HWHR	1	EMT	"	NS		S
BCNH	4	EMS	U24T123	FL		Flush
AMAY	~30	SH	"	NS/FL/KO		calling
KILL	2	MF	"	NS		calling
MALL	2	SH	"	RL		
SOSP	1	EMS	"	NS		S
SPSA	1	SK	"	FO		
MALL	1	SH	"	RL		

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
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- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7/17/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 18 June 01 Observer: Stone

1 singing @ mid transect
pole - 75 + 77

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Brewers Spar			17 T 75 1/2	NS		slaying
Sage thrasher	2	SS				greasewood Singing
Vesper Spar	1	SG				↓
Wiph	10 8	SG EMS	17 75 1/2	NS		in veg juba (2-3 ft), SW 1-2"
Sora	1	↓				
Coye	1+	EMT				
llk	X	Emt	17 75 1/2			sign (wallows + trail near/on + line)
modo	2+	willow ↑	17 73 mid	NS		
Yrwa	2+	trees ↓		↓		
Brewers sparr	2+	SS	17 93S	NS		Singing, greasewood, deep understorey
duck sp	3		17 93N		ducklings	in Empire canal
Caag	6		17 95		4 yng	Yng colored like adult
wfB *	1	Emt	↓	NS? def		bulrush, defending bulrush patch
diver duck	1	Emt	17 south of T95		1 nest / 10 eggs	Predated, in bulrush edge
coot		Emt	17 south of T95		1 nest / 9 eggs	
wfB	30	EMS	6 T29 N	fo		* fo west of T29, in "timothy-like sp" patch @ T29/31
C. Snipe	3	↓	6 T29 N	flushed	2 yng	
wfB	5	EMS	6 T31 N		dy (NS)	
RwBB	X					
C Snipe	1					
wfB	10	EMS	6 T31 mid	fo		
Wiph	2			NS		
coot	1	emt	6 T31 s	NS	Nest	depredated. Adult killed on bank? ↑ feather

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
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Behavior:

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 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

* 1 wfB circling
 + calling over + over again as
 I walked thru bulrush in W17 T95
 Searched (briefly) area but for
 no evidence of nesting

11/2/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 18 June 2001 Observer: Kristina Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
RWBL	2	EMT	U20T21	NS		S
WEME	1	EMS(a)	"	NS		S
COSN	1	"	"	NS		winnowing
SAVS	1	EMS(a)	"	NS		S
WIPH	1	"	"	FL/NS		calling & circling
BRSP	1	SS	"	NS		S
WEME	1	"	"	NS		S
MODD	1	"	"	NS		S
BIICO	1	SS	"	NS		S
GADW	1	GR	U20T23	FL		Between 21 & 23
RWBL	1	SS/EMT	"	RL		On tpost next to ditch w/ TYLA
WEME	2	EMS(d)	"	NS		S
CLSW	1	EMS(a)	"	FL		
COSN	1	T-post	U20T27	RL(NS)		Sitting on Tpost 27 (N) & calling
BRSP	1	SS	U20T25	NS		S
BRSP	1	SS	"	NS		S
WEME	1	EMS(d)	"	FL		
SAVS	2	field	"	NS		S
HOLA	2	field	"	NS		S between 25 - 27
RWBL	4	ditch	bet. 25-27	NS		calling/flying
WEME	1	EMS(a)	U20T27	NS		S
SATH	1	SS	"	NS		S
SAVS	1	SS	"	NS		S
SATH	1	SS	"	NS?	possible	May have flushed from nest in SAVS - perched warily on greasewood - silent

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Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

11/2/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 18 June 2001 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
KILL	1	SS /BG	U20T27(N)	NS		
BRBL	6	SS	U20T29 S	UD/NS		calling; dry EMS
Unknown Swallow	1	SS	"	FL		flying & calling
BRSP	1	SS	"	NS		CLSW (CLSW?)
SAVS	1	SS	U20T31 S	NS		S
BRSP	1	SS	"	NS		S
WEME	2	"	"	"		S
CLSW	6	SS	"	FL		S
VESP	1	SS	"	NS		S
BRSP BRSP	2	SS	"	NS		S
HOLA	1	SS	U20T31N	NS		S
BRSP	1	SS	"	NS		S
SAVS	1	SS	"	NS		S
RWBL	1	Tpost	U20T33N	RL		S
RWBL	1	SS	"	NS		calling S
WEME	1	SS	"	NS		S
CLSW	1	SS	"	FL		
SAVS	1	SS	"	NS		
VESP	1	SS	U20T33 S	NS		calling, maybe nest nearby S
BRSP	1	SS	T33 S	NS		S
WEME	1	SS	U20T33 S	NS		S
UnSP	1	SS	"	UD		
WEME	1	SS	"	UD		chirping
BRSP	1	SS	U20T35 S	NS		perched on SAVS & observed ^{calling}

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- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

11/13/01 JKC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/19/01 Observer: L. Rawinski

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
w. meadowlark	4	EMS	U19T17 ^{1/2}	NS		UNIT IS DRY
savannah sparrow	2	↓	↓	↓		
↓	2	↓	U19T17 ^{1/2}	↓		
w. meadowlark	3	↓	↓	↓		
killdeer	2	↓	↓	↓		
RW Blackbird	1	↓	↓	↓		
Blk cowbird	1	SS	U19T15 ^{1/2}	UD		
w. meadowlark	2	↓	↓	NS		
Brewer's Blackbird	1	↓	↓	UD		
vesper sparrow	1	↓	↓	NS		
savannah sparrow	2	EMS	↓	↓		
↓	1	↓	U19T15 ^{1/2}	↓		
w meadowlark	1	↓	↓	↓		
killdeer	2	EMS/MF	↓	↓		
savannah sparrow	1	EMS/GR	U19T13 ^{1/2}	↓		
Brewer's sparrow	1	SS	U19T13 ^{1/2}	↓		
killdeer	2	MF/GR	U19T11 ^{1/2}	↓		
Horned lark	3	↓	↓	↓		
w. meadowlark	1	SS	↓	↓		
Brewer's blackbird	2	↓	↓	↓		

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 SH = Shallow water (<2')
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Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

7/20/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 2001 Observer: Kristina Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
WEME	2	EMS	U23T73	NS		s
SAYS	1	"	"	"		s
RWBL	1	"	"	"		s
COSN	2	"	"	NS		winnowing
WFIB	75	"	"	FL/FO		
GADW	1	"	"	FL		
SAYS	4 2	"	"	NS		s
COSN	2 3	"	"	NS UD		calling
MALL	4 3	"	"	FL		flush
VESP	1	"	"	NS		s
RWBL	2	"	"	NS		1 sing, 1 mobbing
BRBL	4	"	"	NS		calling, mobbing
SAYS	2	"	U23T75	NS		s
RWBL	2	"	"	NS		s
SAYS	1	SS	"	NS		s
BRSP	1	SS	"	NS		s
SAYS	2	SS	U23T77	NS		s
WEME	1	Dike	"	RL		Sitting on dike along N side of field
KILL	2	Dike	"	NS		calling
BRBL	3	Dike	"	NS		mobbing
VESP	1	SS?	"	NS		s
BRBL	4	Dike	U23T79	NS		mobbing/carrying food
SAYS	1	Field	"	NS		s
RWBL	2	"	"	NS		s

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EMT = Tall Emergent (Cattail, bulrush)
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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

11/6/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 2001 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
RWBL	2 10	EMT	U23T81	NS	nests in Tyla	mobbing/calling
GADW	2	"	"	FL		
SAYS	2	EMT "	"	NS		s
BBMA	1	"	"	FL		being mobbed by RWBL
SOSP	2	"	"	NS		s
MODS	1	farm/ditch	"	FL		
YEWA	1	willows	"	NS		s - riparian
RTHA	2 4	riparian	"	FL		same as in May (prob.) w/ nest
BBMA	4	"	"	NS	prob. nest	calling/mobbing
COYE	1	"	"	NS		s
SOSP	1	"	"	NS		s
MODS	1	"	"	FL		
SOSP	1	willows	U23T83	NS		s - small patch of willow in dry EMS
WEME	1	EMS @	"	NS		s
UnSP	3	SS	"	UD		chipping
SAYS	2	GR*	"	NS		s * weeds
BHCO	2	GR	U24T109S1/2	RL		in fence, weeds
UnSP SAYS	2	"	"	UD NS		chipping & s
WFIB	6	SS	"	FL		high up
UnSP	1	SS	"	UD		chipping
BRSP	2	SS	"	NS		s
SAYS	1	SS	U24T109N1/2	NS		s
RTHA	1	SS	"	FL		being mobbed
MODS	1	SS	"	FL		

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Habitat Codes:
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Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

11/6/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 2001

Observer: K. Goulder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
YHBL	2	SS	04H113N ^{1/2}	FL		
WFIB	1	"	"	FL		calling
UNDU	10	EMS	"	FL		flush - feed?
GADW	1	"	"	FL		flush
RWBL	1	SS	"	GD		call
WIPH	1	EMS	"	RL		call
CITE	1	"	"	FL		flush
BCTE	1	"	"	FL		"
GADW	3	"	"	"		"
AMAV	X	SH	"	NS		mobbing
NOFH	2	EHT	"	FL		flush
UNDU	28	"	"	FL		"
BCNH	1	EMS	"	FL		"
GADW	3	"	"	FL		flush
BCTE	1	"	"	FL		"
WFIB	11	"	"	FL		"
GADW	1	EMS	betw. 113 & 115	dead		Banded 339700844) form sent 31/11/01
MAMB	5	EHT	04H115 #	NS		s
UNDU	~100	SIT	"	FL		All on pond flush
MAMB	3	EHT	"	NS		fighting/charging

Number: X = present (too numerous to count)

Habitat Codes:

Behavior:

- EHT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
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- SG = Saltgrass (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)
- FL = Flying
- RL = Resting/Loafing
- NS = Breeding/Nesting/Singing
- FO = Foraging
- UD = Undetermined

entered 9/5/01 KLC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 19 June 01
 Observer: Stone

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
Sora	1	EMT	17/81 1/2	NS		
Amor	2		17/81 mid	NS		day bet
Rw						
Marsh wren	X	EMT	17/81 1/2	NS		
C. Snipe	1		17/81 1/2	NS		daying
4HRB	X	EMT	17/81 N	NS		
Amor	2		17/81 N	day		
Kill			17/81 N			
Muskrat	1	EMT	8/81 S			Woot of T81 den in burrow
Sora	1		8/81 S	NS		
Marsh wren	X					
Amor	2	MF	8/81 S	day NS		@ ant end of pond den on E side of 8 of
local	15 10	MF	8/81 S			
duck sp	50 25	SH	8/81 S	FL/RO		gadu, moat, gote etc, in surround of pond
wtb	20			day		
BCH	2			day		
NOI	5	SH	8 81 N			
duck egg	15 15			FO etc		4 duckling headed stop, w/ clump blubber + gibbs
male	4					5 duckling
lot of	10			FO		
BCH	3			FO		
compr	1					
duck sp	6		8 Empire canal			class 2B Empire canal
duck sp	7					class 1

Number:

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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

11/6/01 RC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MWNWR

Date: 19 June 01

Observer: Stone

- Not seeing Wusten grebe on Parker

- Not seeing many BNST either

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Mare	9	SH	8, Empire Canal	8 $\frac{1}{2}$ duckling	Class 1	Class 1
duck sp1	~6	SH	1	5 duckling	Class 1	Class 1
duck sp * cage	20 175		17/81 N			Packet fence Breads throughout pond yng throughout pond
Amur	~6			NS (def)		
M. wren	X			NS		
HTTB	X			NS		1 juv observed
cite	1 ♀		17 81 mud			head present but not observed
und duck	1 ♀					"
duck broods			Parker			during transects observed ↓ broods (cage, duck + cost) ~10 duck broods?
Rubber	X	ems	2/73/1	NS	NS	juv present
C. sumps	1	ems	↑	NS	NS	
wiph	~25	ems	7/47/5	NS	NS	
loft	5	"		FR	NS	
BNST	2			NS	NS	
duck sp	50	SH		FR/RL	NS	
Amur	~10	ems		NS	NS	
Sora	1	ems		NS	NS	
HTTB	X					transsect

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges, sedge)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

* Mare, Gads, Gate, Cite, Ruck
Mosh

11/2/01 RL

Refuge wide notes many as Parker family

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 2001

Observer: R. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/yrng	Comments
BRSP	1	SS	U&T 09N	NS		S
SAVS	1	SS	"	NS		S
GADW	1	EHS/SH	"	FL		flush
RWBL	1	SS	"	UD		call
MALL	1	EHS	"	FL		flush
AMAV	7	"	"	NS NS		calling; supping
AMAV	1	"	"	FD		
RWBL	3	"	"	RL		
WIFB	2	"	"	FL		
WIFB	3	"	"	FL		
YHBL	1	"	"	RL		
GADW	1	"	"	FL		
MALL	1	"	"	FL		
SNIG	1	"	"	FL		
BNST	1	"	"	NS		calling/circling
CITE	1	"	"	FL		flush
BCNH	1	"	"	FL		
BCTE	1	"	"	FL		flush ♀
GADW	1	EHS/SH	betw. 109 & 111N	NS	3 young	
RWBL	2	EHS	U&T 111N	NS		robbing
COSN	1	"	"	NS		supping
WIFB	2	"	"	FL		
DAVS	1	"	"	NS		S
WIFB	1	"	"	FL		

Number:

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 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Entered: 11/12/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 2001

Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
GADW	1	EMS	U4T11N2	FL		flush
HALL	1	"	"	"		"
UDU	1	"	"	"		"
WEIB	6	"	"	FL		
WIRP	4	"	"	NS		circling calling
BCNH	1	"	"	FL		
SNEG	1	"	"	FL		
AMAY	3	"	"	NS		mobbing
MALL	1	"	"	FL		
CO5N	1	"	"	FL		
WIRP	1	"	"	FL		
SAYS	2	"	"	NS		S
RWBL	2	"	"	NS		sim call
BNT	2	SS	"	FL		
SNEG	1	SS	"	FL		
WEIB	3	SS	"	FL		
UNSP	1	"	"	FL		
BRSP BHCO	1	"	T11 mid sig	RL		
SAYS	1	"	U4T11S	NS		S
BRSP	1	"	"	NS		S
SANS	1	"	"	NS		S
SANS	1	GR	"	NS		S
SANS	1	GR ^{woods}	"	NS		S
SAYS	1	"	"	NS		S

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
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- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

11/13/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 19 June 2001
 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
SOSP	1	GR	U47T13S	NS		S
YESP	1	"	"	"		S
NOHA	1	"	"	FL		
SAYS	1	SS	"	NS		S
WEME	1	"	"	NS		S
WIRH	1	"	"	"		
BNST	1	"	"	"		
KILL	1	"	"	NS		call
GADW	1	EMS	"	FI		
YABL	1	"	"	NS		3 call
BNST	1	"	"	NS		display
MAT	2	"	"	FI		
MAMR	1	EHT	"	NS		S
WIRH	3	SH	"	FO		
GADW	1	EMS	"	FL		
YABL	2	EHT	"	FL		
BCTE	2	"	"	FI		
MAMR	3	EHT	T13 mid	NS		S
WIFB	4	SH	U24T13N	FL		
UNDU	11	EMS	"	FL		Flust, some GADW
MAMR	1	EHT	"	NS		
WIFB	2	SH	"	FL		
BNST	8	"	"	NS		mobbing & disp. call
KILL	1	SIF	"	NS		

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

GR = Grassland (non salt grass but not wetland veg)
 SG = Saltgrass (salt grass, alkali sacaton flats)
 SH = Shallow water (<2')
 DE = Deep water (>2')

11/13/01 KJC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MNWR

all = determine
Behavior

Date: 20 June 01 Observer: Stone

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
Spsa	3		T/53/5	NS		↓ river, all
Bcnh	1			FD		
Kill	X			NS		all
Wipx				NS		all
Amav	~26			NS		
Bnst	1, 2			NS		
Bdlr	1			NS		1 duckling - class 2c-3
Coye	1			NS		
YHBB	X			NS		
Csnpe	1			NS		
Bnst	2		MF/56	NS		↓ drip/bg/sw
Amav	10					
Wipx	20+					
Soka	1					
Kill	X					
Wfb	10					
Mall	7		T/51			Sereno Pond (@ edge) ↓ to duckling class I, river pond @ edge
Wipx	~10		T/51 N			
Amav	~20		T/51 N			river + barrow area w/3ms ↓ (land upland)
Bnst	2, 4					
Kill	X					
YHBB	X					
Wipx						
Wfb						
Spsa	2					

Number: (too numerous to count)
X = present

Habitat Codes:
EMT = Tall Emergent (Cattail, bulrush)
EWS = Short Emergent/Wet Meadow (rush, sedges,
MF = Mud Flat/Shore (unvegetated flat/shore)
SS = Shrubland (dominated by greasewood, rabbitbrush)
DE = Deep water (>2')
SH = Shallow water (<2')
SG = Saltgrass (salt grass, alkali sacaton flats)
GR = Grassland (non salt grass but not wetland veg)

Behavior:
FO = Foraging
NS = Nesting/Singing
RL = Resting/Loafing
FL = Flying
UD = Undetermined

9/7/01

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

7:35
8:05

Date: 20 July 2001

Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
SNEG	2	EMS	U24T117	FL		
BNST	1	"	"	NS		mob
WIFB	3	"	"	FL		
AMAV	3	"	"	"		"
WIFB	3	"	"	FL		
BCNH	1	"	"	UD		calling
KILL	3	MF	"	NS		calling
SAYS	2	SS	"	NS		3
WIFB	4	"	T19	"		mob
COSN	1	"	"	"		window
WIFB	1	GR	"	NS		flushed off ground
RTHA	2	GR	"	FL		call
SAYS	1	GR	"	NS		5
WIFB	5	EMS	T121	FL		calling, circling, mob
AMAV	2	"	"	NS		calling, agitated, circling
SRSA	2	MF	"	NS		
KILL	3	MF	T123	NS		
AMAV	10	MF	"	NS		
SAYS	1	EMS	"	NS		
WIFB	1	Wiflow	"	NS		
WEMP	1	Wiflow	"	NS		
Shallows	3	GR	"	FL		

Number:

X = present (too numerous to count)

Habitat Codes:

EWT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9/7/01 JC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 June 2001 Observer: K. Crandall

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
WIPW	1	ENS	U3783	NS		circling
KILL	1	food	"	NS		
COFE	1	EMS	"	NS		s
MAIL/GADW	1	Thistle	patch 83285	NS	9 eggs (aid)	On Empire Cove, roadside (E)
GADW	1	EMT	T85N	NS?/FL		flush
MAIL	1	↑		NS?/FL		flush
SORA	1	↑		UD		calling

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore)
- MF = Shrubland (dominated by greasewood, rabbitbrush)
- SS = Deep water (>2')
- DE = Shallow water (<2')
- SH = Salgrass (salt grass, alkali sycaton flats)
- SG = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

9/7/01 KLC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 June 01 Observer: Steve

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Young	Comments
SFSA	2, 2, 2	gms	7/45/5			
SFA	1	gms				
Aray	24	1				
Dark sp	75	SH		F/RL		
Wip	20	SH				
Brt	2					
RuBP	3	gms				
Muskra	1	SH	6/45/10			
coot	25	SH		NS	Young present	
Ruddy Redd + other	50	SH		F/RL		
YhBP	X	EMT		NS		
SFA	2	gms	6/45/N			calling
coot	1	hla	6/43/N		West/3 eggs	
Wadnflark	1	SG	6/41/N	NS		calling
Sea	1	EMT	6/41(S)	NS		calling
coots	4	SK			5 yng	
meadowlark	1	↓	6/37 N			
Wip	5	gms		NS		
male	5	SH				
RuBP	1	gms			Nest 2 eggs	in juv
Wip	5	gms	6/37 S	NS		
Male	1	gms	↓			
ducksp	25	gms	2 39 S			
				F/RL		
					1 egg	in juv
						undetermined

Number:

X = present (too numerous to count)

Habitat Codes:

Behavior:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

FO = Foraging
 NS = Nesting/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9/7/01 JC

→ juvenile, not fully feathered but flying
 pond in NE corner of unit

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 June 01 Observer: Steve

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Cte	1 ♀		7/5/5	NS		
mae	1 ♀		7/5/5			
cate	1 ♀		7/5/5			
Amav	10+	Ems	7/5/5	NS		
Kill	X	lowe				
SRSA	4+					
duck sp	~75		7/5/5	F/RL		SH = EMS
Amav	~10	Ems	7/4/9/5	NS		7 egg
Bnst	2					
Kill	X					
Yhb	X					
duck spp	~75		7/4/9/5			
Amav	~20		7/4/9/5			
Kill	X					
Wipk	~20					
Bch	1	Ems	7/4/9/5	F		
Sm. Egret sp	2					
Meadowlark	3+	SS	6/4/9/5			
Sora	1	Ems	6/4/9/5	NS		
Nopi	1	SS+SH	7/4/5			
Ambl	1		7/4/5			
Bnst	2					
Amav	~10					
Kill	X					
SRSA	2					

Nest/Eggs/Lyng

Behavior

Unit/Transect

Habitat

Number

Species

Comments

Number: (too numerous to count) X = present

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

9/7/01 KC

flooded grassland (Breed present but not observed) ↑

@ edge of prairie pool ↑

singing, in sms path from SW ↑

Breed

lowe

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 6/21/01
 Observer: R. Garcia

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Avesot	30+	MF/FWS	UQT103 1/2	NS		
Shit	10+			NS		
Killdeer	5+			NS		
Snipe	5+			PL		
Phalarope	50+			FD		
Avesot	25+		UQT101 1/2	NS/FD		
Killdeer	6			"		
Snipe	5			FL		
W. Phalarope	10			FD		
R.N. Shit	5			NS/FD		
Snowy Egret	2			FC		
N. Heron	1			NS/FL*		
Avesot	30		UQT102 1/2	NS/FC		
Tibs	3			FD		
Killdeer	10			NS/FC		
N. Phalarope	25			FD		
Avesot	20		UQT09 1/2	NS/FC		
W. Phalarope	20			FD		
Killdeer	3			NS/FC		
Tibs	19			FD		
Avesot	20		UQT09 1/2	FD		
Shit	10+			FD		
Killdeer	4			FD		
W. Phalarope	25			FD		

Number: X = present (too numerous to count)
 Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Lounging
 FL = Flying
 UD = Undetermined

9/7/01
 RLC

Excellent to see diversity
 and shorebirds

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/21/01 Observer: *Greene*

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
B.N. S4:11	15	Ems	U9T107 1/2	FO/NS		
Killdeer	5			FO/NS		
W. Phalarope	25			FO/1		
Snipe	6			FL		
B.N. S4:11	15		U9T107 1/2	FO/NS		
Snipe	5			FL		
Snipe	1			NS/FO		
Snipe	10			FO		
W. Phalarope Common V-throat	4			UNK		
Arctic	30	Ems/unk	U9T105 1/2	NS	level 4 eggs	
S4:11	20			NS		
Killdeer	5			NS		
Snipe	2			FL		
W. Phalarope	25			FO		
W. Phalarope	50		U9T105 1/2	FL		
W. Phalarope	5			NS		
Killdeer	5			NS		
Snipe	2			SI		
Common V-throat	2			SI		
Snipe	3		U9T103 1/2	FL		
Arctic	15			NS/FO		
Killdeer	6			11		
S4:11	4			11		
Phalaropes	10			FO		

Excellent Shag
X ~ 4.5'

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9/7/01 KC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 31 May 2001 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
BRSP	1	SS	U16T55Sh	NS		
GADW	1	SS	T55N ^h	NS	10 eggs	
SANS	1	SS	"	NS		Under greasewood bush
GADW	2	SS	#5Y	FL		# Bush
CORA	1	SS/shrub	55Sh	NS/FL		Nest in willow? Or just parked next to nest
BRSP	1	SS	"	NS		
VESP	1	"	"	"		

Nest #610

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Resting/Singing
 RL = Resting/Loading
 FL = Flying
 UD = Undetermined

9/7/01

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 21 June 01 Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Widgeon	5	EMS	2 79 N	NS		off
C-shrike	1	-	2 79 N	NS		beginning in air
Avocet	1		2 79 N	NS?		
Gadwall	5			NS		
Mare	5			F/PL		
Duck *	4	SH	2 Empire Canal			Gadwall or Mare *, class I
cin-teal	10	SH	2 Empire Canal			
YHB	X	EMT	2/8/15	NS		
Marsh wren	X					
coot	X					
			22 June 01			
Mare	1	SS	18/935	NS	Nest	measured
Mare	2	SG	18/95 N		egg (2)	at present
Coys	1	EMT	18/95 N			
Mare	2	SG	18/95 N			
Coys	1	EMT	18/95 N			
5 ym	5					class I 2a
mid duck *	8					* Mare, Gadwall, NAPI, de Nshav
Wfb	2	EMT	17 955	mobbing		
BCH	1	EMS	18 93(5)			
sm Egret spec	3		18			
			Parker Pond			
			EMT			

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

9/7/01

on post (?) just S of white colony

Suspect 1-5(?) Wfb nests, getting mobbed (2 adults) again today - see 18-19 June.

class ac

8:05
9:30

BIRD DATA SHEET - DOCK WEST TRANSECT
 Date: 21 June 2001
 Observer: K. Crowder

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Young	Comment
GADW	2	SH	U3T87S $\frac{1}{2}$	FL		flush
MALL	1	SH	"	NS		3 young
COSN	1	EMS	"	NS		winnow
SORA	1	"	"	UD		call
COYE	1	"	"	NS		
BCTE	1	"/SH	"	NS		3 young
SOSP	1	"	"	NS		
NOHA	1	EHT	"	FL		
COSN	2	"	87mid	NS		winnow
COYE	1	"	"	NS		
SANS	1	SS	T87N $\frac{1}{2}$	NS		
MALL	1	EHT	"	FL		flush
BCTE	2	SH	"	FL		flush
WFB	12	EMT	T89N $\frac{1}{2}$	FL		flush/fly
CITE	1	EMS	"	FL		flush?
COSN	2	"	"	FL		
boreal wood?	white	stripe	down back	- about	4" long	in EMS
Another pt?	same	as above	T91S $\frac{1}{2}$	- along	ditch	
WFB	1	SS/sedges	"	NS		circling & calling
BCTE	1	EMS	"	NS		at least 2 yrs
GADW	2	"	"	FL		flush
BRSF	1	SS	N $\frac{1}{2}$	NS		

Number: --(too numerous to count)
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')

SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9/7/01

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/21/01 Observer: L. Rawinski

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Brewers Sparrow	1	SS	U19T7 1/2	NS		
Vesper Sparrow	2	SS				
W. Meadowlark	2	SS/GR				
Flared Lark	2		U19T7 1/2			
Blt Cowbird	1					
Vesper Sparrow	3					
Brewers Sparrow	2					
Sage Thrasher	1		U19T9 1/2			
Killdeer	1					
Brewers Sparrow	1					
Sage Thrasher	1					
W. Meadowlark	3					
↑	2	EMS/SS	U19T9 1/2			
Brewers Blackbird	1	S/S				
Mourning dove	1	SS/GR	U19T3	NS		at bunkhouse
Mtn Bluebird	1			UD		
Pine Siskin	1			UD		just north of bunkhouse
Brewers Sparrow	3	SS		NS		
Sage Thrasher	2					
Brewers Blackbird	4					
W. Meadowlark	2					
BB Magpie	1	GR	U19T5	UD		
Brewers Sparrow	2	SS		NS		
Vesper Sparrow	2					

Number: W. Meadowlark 2
X = present (too numerous to count)

Habitat Codes:

- EMS = Short Emergent/Wet Meadow (rush, sedges, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycation flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loading
- FL = Flying
- UD = Undetermined

7/2/01 gk

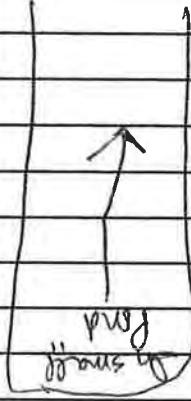
DATE: 22 June 01 observer: Stone
 N = Middle of Transect

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
Mall Vole/mk?	1	GRms	18/T9T/2	AST kill	egg	depredated black in color
Wisp	4		18 T9T/2		3	small "pod" @ sand
sm. egret	3			fo	~15	
Duck spp	15					cate, mare, gadu
Brewers sparrow	2+	SS	11 141 S	NS		grassland w/ deep understory
Sage Thrasher	1	SS	11 141 N	NS		
coyote	3	EMT	11 141 N	NS		
Marsh wren	X	EMT	11 141 N	NS		
Kill	X	SS	11 141 N			
Sage Thrasher	1	SS		↑		
Brewers sparrow	1	SS	5 141 S	NS		
gadu	1	SS	5 141 N	Redated	1 egg	♀
gadu	1	EMT	11 139 N	RL		class I b-c
Mare	7	SH	11 139 N	↓	6	class II b-c
Teal	5				5	
coyote	10					
wfb	5					
Duck spp	20					

Number: X = present (too numerous to count)
 Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycamore flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

9/7/01



BIRD DATA SHEET-DUCK NEST TRANSECTS, MNWR

Date: GARCIA

Observer: June 22 2001

2001

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Ibis	4	Ems	U9T9 1/2	FO		
Scaup	2			SI		
C. Yellowthroat	1			SI		
Scaup	4			FL		
Belted	3			FL		
Ibis	10			FO	9-9 1/2	
Yellowthroat	2			SI		
Killdeer	4	Ems/mf		FO/NS		
Aves	8			FO/NS		
Scaup	4	Ems		FL		
Aves	6	mf		NS?	U9-T83	
Killdeer	4			NS?		
Wedge sp.	5			NS		
Killdeer	1	SS		NS	U9 T85 1/2	
Scaup	3			FL		
W. sp.	4			NS?		
Aves	15			NS		
Scaup	1	Ems/mf	U9T85 1/2	NS/FO		
Aves	12			NS		
Killdeer	1			NS		
Scaup	5			FL		
Scaup	4	Ems/cm	U9T87 1/2	FO		
Scaup	3			FL		
Aves	6			FL		

Number: _____

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- Ems = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycamore flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lounging
- FL = Flying
- UD = Undetermined

9/17/01 JLC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/22/01
Observer: Gaven

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Avocet	15	MF	U9787 1/2	NS/FO		
Killdeer	6	↑		NS/FO		
Spar	1	EMS		SI		
CDow → Mvct @ S87						Ab sign of eggs in bowl
CDow - #8						Successful all but 1 egg
CDow - #3						Successful All
Spar	4	EMT/BS	U9781			
C Yellowthroat	2	EMT				
M. Heron	2	FMS/EMT				
Avocet	4	MF				
Killdeer	2	MF				
Polioptila	12	MF/FMS				
Ibis	150	EMT	U187107	NS	1/2 12 nests	Young are hatched.
Belt	10	↑		NS		
Spar	2	EMS	U187105 1/2	SI		
C Yellowthroat	4	EMT		SI		
Ibis	250	EMT	U187105 1/2	NS		
Ibis	80					
Spar	2					
Cattlegnat						
Belt						

Number: _____

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycamore flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Looting
 FL = Flying
 UD = Undetermined

9/2/01 RC

Brown in T105 (all clong S. side)
 all still in egg.

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 4/22/01 Observer: Garcia

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Ibis	30	EMT/ews	U18T103 ^h	FO		
Avocet	10			FO		
Killdeer	4			FO		
W. Grebe Sp.	2	SS	U18T101 ^h	SI		
Avocet	2	MF		FO		
Avocet	12	FMT		?		
Killdeer	6	MF	U18T101 ^h	FO		
Avocet	10	MF		FO		
Ibis	10	EMS		FO		
W. Grebe	2			NS		

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, sedge)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behaviors:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

9/7/01 DC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVN WA

Date: 20 June 2001 Observer: K. Crandall

add of 755 had pda listed wrong least times!

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
SAVS	1	SS	U16T55S $\frac{1}{2}$	NS		S
SATH	1	SS	"	NS		"
BRSP	1	SS	"	NS		"
BRSP	1	"	"	NS		"
AMAV	2	"	55N $\frac{1}{2}$	NS		calling/mob
BHCO	1	"	"	"		S
BHCO	1	"	"	NS		S
COYE	1	"	"	NS		S
SOSP	1	EMF	"	NS		S
KILL	2	SH	59N $\frac{1}{2}$	NS		
Unknown sp	1	SS	59S $\frac{1}{2}$	NS	probably 10 eggs	flushed under my feet, couldn't find nest
ADOM	1	GR	between 614 & 615	NS		fresh
VESE	1	SS	618 $\frac{1}{2}$	NS	S	
BRSP	1	SS	60N $\frac{1}{2}$	NS		S
SAVS	1	SS	65S $\frac{1}{2}$	NS		S
UNSP	2	SS	65N $\frac{1}{2}$	UD		chipping
BRSP	2	"	"	NS		S
HOLA	1	"	"	FL		S
BRSP	1	"	"	NS		S
AMAV	2	SH	"	FL		
SPOA	1	"	"	FL		
KILL	2	"	"	NS		call
WEME	2	SS	69S $\frac{1}{2}$	UD		call
BHCO	1	road	71N $\frac{1}{2}$	NS		call/coridin

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9/7/01 KJC

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: ~22 June 01 Observer: GARCIA

Species	Number	Habitat	Unit/Transect	Behavior	Comments
Swan	1	EWS	UAT99%	SI	
Common Yellowthroat	2	EWT	↓	SI	
Avocet	10	EWS/MF	UAT99%	FO	
Blue-winged Teal	10	↓	↑		
Swan	20	EWS	UAT92%	FO	
W. T. Heron	40	EWS	UAT92%	FO	
Avocet	5	EWS	UAT95%	NS/FO	1 young
Swan	5	↓	↑	FO	
Swan	1	↓	↑	SI	
Swan	1	↓	↑	SI	
Ibis	10	EWS	U93	FO	
Swan	1	↓	↑	FO	
Swan	15	↓	↑	FO	
Avocet	3	↓	↑	FO	

Number: X = present (too numerous to count)
 Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
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 Behavior:
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 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

06/21/01

Raw Transect Data and Field Notes

(stone)

	% of transect →		"line transect" →			
	MAY 00	JUNE 00	MAY 00	JUNE 01	MAY 99	JUN 99
Unit 2			✓	✓		
Unit 6	✓	✓	✓	✓		
Unit 7	✓	✓	✓	✓		
Unit 8			✓	✓	some	
Unit 17	✓	✓	✓	✓	✓	✓
Unit 9	✓					✓
Unit 18				✓		some
Unit 16			✓			
Unit 5						
Unit 11						
Unit 1	✓ - some	✓				
Unit 3	✓	✓			some ✓ →	

Blue = May 2000 (Stone)

2001

May - Red
June - pencil

Unit 6

^{27, 37}
T29, 31, 45, 43, 41, 39, 51, 35
33

MISSING 37
47, 49

Unit 17

75, 73, 93, 95, 83, 85, 87, 89
81, 79, 77, 79, 77 — —

MISSING 91

Unit 8

81, 73, 75, 77, 79 83

Unit 2

73, 75, 81, 77, 79, 81

Unit 7

47, 45, 53, 49 51,
61, 63, 53

Sanders
H₂O depth mly 55, 57, 59, 61, 63, 65, 67, 69, 71

Unit 18

89, 91, 93, 95, 97, 99

Unit 16

T71, 69, 67, 65

Sanders

Unit 1

Unit 17

Stone

May 19 99 completed T 71, 73, 73, 77, 79, 81, 83 Unit 17

T 71 South half: NO standing water, small ditch is dry. grass in southern end, weedin @ N portion (of south half). Veg height is very short (~4") in N portion of S. half.

T 77 N of the center pump/structure was ducks standing water. Just veg flowering out of is forming. St pond.

Duck Nest transects; habitat notes. May + June 1999

Center of Unit 17 has standing H₂O + ducks. South end is dry. (T 71-79)

Unit 17 T 81. South half was dry. H₂O in canals but everything else is dry. Residual Baltic rush but no water. N half had H₂O, ~~to~~ dominant veg is ~~to~~ old growth bulrush w/ ~8" water. Found 4 (destroyed) on or near center of N.

Started to enter C: wphiles / transects / fieldnotes.wpd

Unit 17 T 83, sign missing. 83 is wet until 17 is dry

South half of Unit 17 - DRY

17 May 99 (2)
Stone

Transect 79 cont

Unit 8 cont: from area where transect gets close to Empire Canal and south is shallowly flooded. A lot of waterfowl, amav + whib use. Seeing waterfowl in pairs + foraging but not flushing hens.

18 May 99

- completed transects 81 + 83 in units 8 + 2.
(In June wear hip waders for those 2)

- helped Ron w/ 2 Transects in Unit 9, Became more familiar w/ candelung procedure, discussed Unit 9, Baltic rush, monitoring 'hab conditions' in duck nesting areas.

- completed T91 in U17, that portion covered was dry, no standing H₂O, no mud. greasewood + salt grass.

- completed T93 U17. Dry, greasewood + sq. found 1 ark sparrow nest @ base of greasewood

- completed T95, U17. Dry except 1 pool near dike.
1 cilt ♂.

9:30 - 10:30

5-17-99 Saw brown bear coming from the east along unit 14. passed near the middle of the unit. watched for about an hour on and off keeping ~~right~~ an eye on it. Xed the road going west

Did not complete unit 29. N 1/2 because of bear and did not do the N part of 33 because could not move thru the water

16 June 99

U9T101 N $\frac{1}{2}$ = flooded shallowly 6-12", Baltic rush ~ 80%,
ct (5-10%), minor = whitetop, curly dock

U9T101 S $\frac{1}{2}$ = shallowly flooded 6-12" throughout. Baltic
Rush, spike rush, sedge, ct - 10%
85' 10% 5%
areas of thick, residual Baltic Rush

U9 T99 S $\frac{1}{2}$ Thick Baltic rush, ^(this yr's growth) most is now prostrate

spike rush, cattail

U9 T99 N $\frac{1}{2}$ flooded

90% baltic rush. Most is going to seed & most is
laying down. At N end whitetop becomes more prominent
Sg w pockets of Tba @ N $\frac{1}{4}$ mile of unit

Salt
grass

Sg
cattail
spike rush

U18T95 S $\frac{1}{2}$ - Dry 98%
upland scrubland

U18 T95 N $\frac{1}{2}$ - drier than in May, the most northern area is
NW dry, middle of area is shallowly flooded.

Dry - 10% wet 90%

Baltic Rush
TLA

EX

some whitetop & C. thistle
- C. thistle coming up in wet
areas where TLA is

June 99

U17775 $\frac{1}{2}$ cont

Rush is growing. Cattail present, curly dock very sporadic, salt grass.

U17773 $\frac{1}{2}$ - Has 2 small open water areas, ^{small} areas of thick CT, Baltic Rush; areas of an unid grass which was tall + NW is laying down, new grass growing through CT
Baltic Rush

U17773 $\frac{1}{2}$ 90% dry 10% wet. South-east corner has shallow 1/2-3" water. greasewood, salt grass, very sm patches of hoary aces, white top & C. Thistle present.
An unid wet/upland grass.

U17787 S

- dry upland w/ greasewood
- spike rush
- bullrush

6/15/99

- U3T87^{1/2} - Southernmost - S. of Spring Creek is flooded Casp/Juba w/ drier site w/ Ceta invasion (moderate). After Spring Creek its all flooded Tyla, almost entirely NG w/ \bar{x} height $\sim 5'$.
- U3T87^{1/2} - S. part is flooded Tyla and Juba w/ a small saltgrass/SVA island. burned area on island has robust Det coming in. N. part is wet/moist Juba/Casp, either sites w/ Ceta inv.
- U3T85^{1/2} - Primarily shallow flooded (1-3") Juba/Casp. Looks recently flooded as Cica is growing in some areas. (May have been there prior to flooding).
- U3T85^{1/2} - Primarily flooded (4-10") Tyla and Juba. Almost entirely NG, w/ excellent growth $\sim 3'$ Juba and 6' Tyla. Saltpan near Spg. Creek w/ a high spot showing Ceta inv. in dist. Area S of Spg. Creek is moist Juba w/ Moderate/heavy Cica invasion. Spruce lawn dike nearby is heavily/extreme invasion.
- U3T83 - Primarily flooded Juba/Tyla w/ exc. new growth after burn.

6/16/99

- U9T93^{1/2} - Is seemingly drier. NG is only $\sim 14''$ and area is already w/ $\sim 21''$ H₂O.

6-16-99 Ran into a ^{mallard} mother w/ 4 chicks on
U15 T47 T47 she flew and 3 of the chicks swam
off one ~~one~~ went under water right
near me and I was able to hold him
the coot still seem to be displaying mating
behavior although yesterday I seemed to
score up coot hens and their chicks
left and right

U15 T51 1/2 found an avocet nest on transect. the
nest was pretty flooded it contained 2
eggs one of which contained a fully formed
chick that appeared to be emerging from
the shell the other only had a small chip
on one side the seems to have been made
by the chick inside about 3 feet away in
about a foot of water I saw the 3rd
egg which also contained a fully formed
chick all whole dead

T51 also saw a duck that was flapping
its wings across the water but did not
fly

~~170 31~~
* was not as much activity as the previous days
~~at~~ the units seemed to be more wet
then in may it looked like most of the
time I was hugging muddy water about
a foot deep

6-17-99

chick trying to learn to fly ↓

U18 T89 N/2 as I was walking down into a small chick he was about 3 in long was starting to develop his adult feathers brown w/ speckles I think he may have been a black bird or a brown bird

(mallard)

I found a nest on T91 she must have been close to hatching because she didn't move until I almost stepped on her right ahead of her nest about 40 ft I ran into 3 chicks. they were very small no larger than 1 in they were completely black except for a bright red knob on their nose and a bright orange gotti they were near their nest spotted eggshells

T85 the N/2 have a lot of redwing black birds about 15 the water level has drop significantly and that has effected the # of waterfowl present now as compared to the waterfowl present in may

T93 had a lot of nest 3 waterfowl and 30 others that were dove⁽¹²⁵⁸⁾, hawk (5 eggs), and wren 1 chick (aggressive)

T95 found the nest from may she more eggs and they looked near hatched

5/17/99

→ U9 T97 1/2 - Middle Marker in U9 T97 (Sign on ground near post, needs to be replaced on post)

U3 T97 1/2 - Burn area, is mostly flooded and dry. Straight Habitat flooded area has new Tyla coming in. dry SE, is primarily Sinter Hill sparse Tyla w/ Oca and Tyla spreading throughout

U3 T107 1/2 - "Dry" - N, of Grazing cell center has moister soil w/ some short sedges coming in. Eastern N end is usually (other years wet but now it is dry also, moist soil w/ lots of young curly dock starting. likely will die w/o relief. Should be flooded as MSVA None of the area has any significant wildlife use (Avian) if @ all.

U3 T105 1/2 - Very dry, NB consists primarily of Tyla w/ interspersed Tyla. Some appear from rhizomes, but some appear to be from seedlings (smaller leaved, narrower, taller plants). No real use by avian species except some meadowlark, and Brewer's blackbird use.

U3 T105 1/2 - Very dry. bare spots are primarily Tyla (some areas as new growth) some new Tyla, little Avian use

* - South Grazing boundary fence is on ground or I passed it in this transect.

* - South 105 sign is gone, post is still but needs new sign.

U3 T103 1/2 - dry (burned) flooded area has primarily Tyla and sedges coming in w/ use by mallard ducks and some pairs. No NB is just dominated areas. Dry areas w/ short T84 Tyla interspersed w/ Tyla

U3 T101 - Same as above in U3 - Some Canada Goose use (browsing @ S. end)

✓
entered

5/18/99

- U3T99 1/2 - Burned area, dryer sites have short Jba and Cesp, in wetter sites have Cesp and Tyla.
- U3T97 1/2 - Burned area, much wetter here, Good Juba and Cesp use. However no real Cesp use by wildlife still, some brewers Blackbirds foraging.
- U3T97 1/2 - Burned area, much wetter - good NB - 8-12" of Cesp + Jba.
- U3T97 1/2 - Wetter here also, Tyla areas burned were fairly complete w/ stalks ~8" (burned) still erect. New tyla is coming in quick. Other areas w/ good Cesp + Juba growth.
- U3T95 1/2 - Same as above T97
- U3T93 1/2 - Not as wet, but very moist good Juba/Cesp NB
- U3T93 1/2 - Same as 93 1/2 ↑
- U3T91-89 → ↑ " " " "
- U3T87 1/2 → Primarily burned Tyla, w/ small bands of unburned remaining through. Unburned areas have extraordinary densities of Marsh Wrens, also several dove nests packed into these small areas (2 near tracks)
- # 09 T93 1/2 - N/2 is dry, looks like H2O here has been real sporadic, Juba NB is poor only ~8" and much more sparse than in other areas w/in this unit. (could use more consistency here)
- U3T87 1/2 - Moist burned area w/ Fair/Good NB or Juba and Cesp (8"-10")

2/14/09

U3T99 1/2 - N part is wet meadow primarily of *Juba* ~ 2-4" w/ interspersed islands of Salt grass which are relatively uninfested by *Cica/zica* - Drier fringes of *Juba* are however infested w/ both until *DSC* becomes predominant.

N. most part has ex. *Juba* growth over ~ 3" of H_2O . However any portion so water low big or small (4ft²) has either *lela* or *Cica* on it. *Tyla* coming in on this water area as well.

U3T97 1/2 - N part is primarily upland above moist grassland area burned but is growing back from base, now: \times NB = 12-14".

S part gets wetter as you go south beginning w/ moist soil *Juba* growth w/ *lela/cica* @ fringes and running to flooded

Casp/Juba which is lush and uninvaded @ 2'4" of NB, lots of *Stembo Spiker Flower* coming up just N of mid-mark on high portion where sub has soil wet, also *lela* invading there

U3T97 3/2 - N part - flooded *Juba/Casp* low spots w/ cattail intersp. and high spots w/ heavy *lela/cica* invasion ← this invasion is whenever soil is wet/moist → May be a result of late water on area area w/ relatively high sub.

S part - part is primarily *Tyla* dom area w/ fringes of *Casp*, which looks to be grazed already this year. ??? \times paddock #10 for this date

U3T95 1/2 S part has large (dry) Alkali Sacatone dom, hummocky island, is drier but has many areas on it presumably nesting light/mid *lela* infest. here. Nj. of rest is flooded *Juba* or *Tyla* w/ *Casp* growth as well

N part - southern portion are primarily flooded *Casp* w/ ex. NB. higher less wet areas have serious *Cica/lela* infest.

6/14/99

U3T105 1/2 (cont'd) - Area near S. marker is drier. Portions there that were laid down and bare soil after burn are almost if not total monocultures. Area is moist but not wet enough to support adequate grass growth, however, quite favorable to Lela and Cica.

U3T103 5/2 - Area which is S. of S. Sign is very dry (primarily) w/ heavy Lela infestation.

Spart is very wet w/ excellent Cax growth and Tyla coming in ~8" tall where it was established prior to burn.

N/part is dry w/ heavy Lela infestation which has not been affected @ all by cattle which are currently in unit (Paddock 9). Soil is dry w/ Tyla growing ~12" tall and sparse.

U3T103 1/2 - N/part is moist w/ moderate Tyla growth

Spart is wet ~1" w/ good Cax and Tyla NG, Tyla NG is ~12"-16"

U3T101 1/2 - N/part is wet ~3" w/ good Tyla growth

Spart gets drier as you go South. Southernmost portion is dry w/ sparse Tyla (8" Aug) interspersed heavily w/ Lela.

U3T101 5/2 - Gets wetter as you go South, moist H₂O over 1' deep. excellent Cax/Casp growth as well as Tyla coming in heavily where they were previous. Cax is heavily grazed here.

Spart - area S. of S marker is moderately Lela infested

U3T99 5/2 Spart is wet ~0-2" w/ good Tyla/Casp growth, interspersed w/ small finger islands of primarily Lela/antho-Cica.

N/part is even wetter ~1" w/ primarily Tyla/Casp and robust Tyla all NG. Outer fringes of the area have considerable infest by Cica and Lela primarily on N/part.

6/14/99 ✓

U3T93^{1/2} - Primarily Flood sedge w/ excellent NB₂ which has been consid. grazed w/in Paddock 14. Drier/higher areas have serious Lela/Cica infest which is apparently untouched by the cattle.

* need to have L. Fredrickson see if he can haul his heels, go into unit 3 (relatively seen) (pad 9, 10, + 14) and compare grazed sedge to grazed Lela/Cica and see if the Lela/Cica was

for the most part even touched by the cattle.
- Can also see what % of overall paddock was impacted and to what degree. Perhaps triangulate through enclosure might be utilized to determine how heavy some of these sedge down areas are being hit.

Spart is flooded to moist Casp and unk. Casp (short w/ sedge-like flowers)
* moister areas have consid. Lela/Cica in juv. areas, but almost none where this grass occurs.

U3T93^{3/2} - N. part is flooded/wet Juba/Casp with ~~a high~~ some higher salt pans, area overall has only light to moderate Cica/Kela invas.

S. part is same - primarily flooded Suba/Casp. overall w/ light invasion

U3T91^{1/2} - Primarily flooded Suba/Casp/Tyla. all w/ excellent NB₂ and little/no Lela/Cica invas. N. end has excellent moist salt pans. w/

phalaris in them and snipe overhead

U3T91^{2/2} - S. part is flood Juba/ and UP. light/no invasion

N. part is mix of flooded Casp/exc. NB₂ drier sides w/ considerable Cica invasion, which is untouched by cattle while Casp/Tyla is well grazed - also has upland

U3T89^{1/2} - Primarily flooded CASP/JUBA which signif. Cica/Kela invasion on higher/drier spots. All NB₂ of all species and all in exc. cond. CASP is heavily grazed in P14.

U3T89^{5/2} N. Part is flooded CASP/ETSP/TYLA in exc. cond w/ no invasion
S Part is same as above

5/19/99

↓ 09787 1/2 - possibility of throwing catwalk across Spruce Lawn @ T89 & T87
- Area just south of 2nd Water control Structure on Slam. From North has lots of water leaking back into S.L. From West side (needs a tarp or eastern dam there.)

- Still emergent area adjacent to S.L. on T87 W Side 1/2. needs to be impacted (burn?) but perhaps Fixing the R20 problem above (N.) will take care of this

09789 1/2 - South Marker is laying down

09791 1/2 - Most of the area seemed much drier than usual. There wasn't the robust Siba and Siba/Tyler. NB was like it has been in past (fall/lush) ~~now~~ seems like it needs water, especially from mid-marker to ~ 50-75yds south of N. end ✓

1 page entered

EX = elechoris
spike rush
CICA = Can. Thistle

6/14/99

- U3T107 1/2 - Southern portions are very wet w/ exc. new growth of Juba / EX / CX. Tika areas are growing but very robust also. Other areas, most notably on N/2 have a heavy CICA infestation coming on. CX and Cst are growing well there although escape cattle have heavily grazed CX stands there.
- U3T107 1/2 - Cattle appear to be in wrong paddock? (They're in P9). Area Southern (P9) is moist (wet) but not flooded (SUB) w/ lots of alkali coming up, primarily Ho, w/ heavy CICA? infestation and considerable Lela infest as well. Juba growth in this area is good (>1' tall NG)
- N/2 is very wet 1-2 ft. w/ excellent ex growth. Water still coming in (would recommend getting it off and allowing recession - OS is w/ this depth there is not hardly any wildlife using it
- U3T105 1/2 - N/1 part is wet ~ 2"-4", w/ good Juba growing. Water came on later here. Shows uniform moderate wholtop infestation throughout the length. no real use by wildlife as it all consists of NG. Some VAB's Fragris part is drier a dist/suba mix, short w/ cattle and heavy Lela infestation. Lela looks moderately grazed
- U3T105 1/2 - N/1 part is moist but not flooded (SUB) w/ lots of salts coming up and a heavy infestation of Lela. which is @ best only moderately grazed by cattle which are in the unit currently. Spot is very wet 6"-1' w/ "incredible" CEX growth (2'+), w/ Lela grazed heavily but primarily unbooked otherwise. Much for the cattle to forage on so they don't even have to rely on Lela. They're looking for drier (Lela dom.) sites and I think just grazing it incidentally as they loaf. River area is all (100%) NG so there's no real use by wildlife
- * S 105 sign is down off pole and burned, needs a new one

UNIT 17:

Tough bcs N marker gone

T83 ~~Post~~ Post marker @ mid is gone, north one is behind willows. Estimated start point (@ N end). Started (A) on west side of goose structure (put a flag but didn't run it). Walked down dike (almost Jean Empire) flushed 5-7 ducks. @ edge of CT along dike.

in June:
Park
behind @
83 South or
run
from
south

Habitat
May & June 2000

started T85 \square
(N pole is behind willows). Wen used by washing egret, BC N (N end) + put a flag ~~at~~

T83 - most ea. ... ungen

-T85 \square

I ended up about 10ft from a marker I left in 99 (in middle of pond). Most of T85 is in H₂O some pockets of em veg but most (%) is open H₂O.

7 - South post - in front of trees, to east of outhouse I walked thru \uparrow open H₂O (going N to south) - But unnecessary. ~~Do~~ Start from south or, walk in from e. canal to clump of em veg & then go south.

87 \diamond - can do from (N - along dike) or south
 \hookrightarrow 90% in deep water, 8% dry, 10% not in deep

89 \square 95% flooded, old cattail 5% deep water.

91 \diamond greasewood w/ salt grass understory (did T @ 140pm)

24 May 00

Habitat + other notes

og = old growth

U17 T83 S to mid

90 95% dry w/ upland grasses, white top, some spike rush

10 5% shallowly flooded w/ spike rush + og bulrush

T83

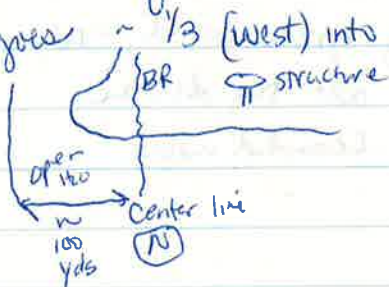
mid to N

~3 ft

Bulrush stands + open / deep H₂O, more shallow water under bulrush

NW Pole is missing + poles beyond that are obstructed by willow along Empire Canal. Best to run S to North, Center line does not go through egret/heron colony but does go thru portion of bulrush near goose structure (great horned owl nest in 2000).

N end of 83 (or U17) is in open water about 50 yards west of east bank. When @ N end, look south, the c. line goes ~ 1/3 (west) into EM



T81 N (U17). Missing sign.

U17 T75 N to mid

12 flooded (thick) cattail

8 short-emergent herb - short CT, spike rush, flooded

3% greasewood, dry

8 upland grasses, white top, dry

U17, T75 mid to south

100% dry 10% greasewood
35% upland grasses, some whitetop
30% salt grass w/ spike rush mix
5% 1° spike rush (w/ seed heads) + other

U17 T73 south to mid

100% dry mixture of spike rush, salt grass, amaryllid, grasses
+ whitetop, dandelions

T73 mid to N

90% dry upland grasses - salt grass, other grass spec., whitetop
7% flooded cattail (~3-4ft high, old growth) w/ spike rush
3% open H₂O ponds. Water Very clear, fish (minnow-like)

U7, T~~73~~⁵³ S to Mid

- hab is more conducive to Arav wiph + BNST nesting
vs water hole - patches of bare ground, dying ^{dead} greasewood, SW,
~~some~~ spike rush, some JBT but not too dense
Rush areas are not flooded now
wiph + arav definitely nesting.

U7 T~~73~~⁵³ mid to N:

83% - large expanse of salt grass w/ patches of bare ground + new spike rush
(dry now - would there be wiph nesting in spike rush patches if it was wet?)

10% Impoverishment

2% greasewood

5% other (cattail, canals)

Duck Nest Transects, K. Stone, 22 May 00
MNNWR

U17

haven't done 75, 73

- Completed 81 south to mid. moved west to ~~79~~ 77

Completed
- 81 S to mid
- 77 mid to N
- ~~79 N to mid~~

- started @ T77 @ mid ~~post~~ pole, moving N

- areas of salt grass (dry)
- areas of sw and Baltic rush
- seeing ducks (cite) in pairs + threes

from mid to N - stretches of sw + Baltic rush, cattail.

- T79 N to ~~S~~ ^{middle post} (moving south):

1/2 wet w/ old em, new growth jba + new growth carex

- Unit 17 (south end)

T79, 77 : ground is dry, area was mowed (?) in 99 for weed control, however, spike rush (New growth is about 4-8" high w/ seed heads. Can hear meadowlarks, sparrows (sp. on chest, notched tail) in near vicinity. Ground is moist abn just under soil surface.

- T81 south to mid : patches of saltgrass. 98% dry
mid to north : patches of sq, Baltic rush, bare ground & shallow water.

5/12

#6

Mon, 23 May
1) Steps

a) → N procedure plan

- ✓ message
- ✓ set
- ✓ degree
- ✓ make final
- travel
- * call Todd Sanders - in plane

- string for pen
- string on floor (8 1/2 feet)
- plastic resistor in backpack + other stuff
- list of papers over
- rubber bands

U7 T55 North to mid

40 large expanse of salt grass (drier) has ^{small} pockets of spike rush, clumps of greasewood,

10% old growth JBA (but fairly prostrate), new growth JBA, other spec, some wt. flooded

40 ↑ ~~at~~ white top west of 55, near property line
old growth JBA, new growth JBA, white top dry

10% other

U7 T55 N to mid

northern section has fairly thick + dense JBA (old + new) relative to JBA in U7 T71-61. prostrate old JBA w/ new growth JBA

Mid to south

- flooded + dead greasewood @ south end (patches of)

U7 T57

* transect poles south of U7 don't line up w/ those in U7 + U1.
Used poles in U7 + U1 as center line.

- flooded (dead) greasewood on both sides of transect @ south end
 - old JBA + new JBA, flooded
 - open water, shallow (in T57 + 55 - small "impoundments" are forming - water expanding into rippled to form "pond" - unlike T71-61 + T53.
 - patch of old + new growth (1st of near transects, in U7)
- @ mid-large expanse of unveg alkali flat, Armi nesting

hab cont

U7, T57 cont

mid to N

- large expanse of thick/dense old JBA w/new JBA, may be the thickest JBA I've seen in U7 (T61-71, T53+55)

- also some ^{patches of} new ct

- pocket of new spike rush, sub flooded (foraging ducks, arnav + wipb)

* In U7, H₂O is ^{1°} restricted to borrows & not spreading out (sheet-flooding), although these areas must have (?) been wet this spring due to presence of new JBA (??), In/near T57+T55 there ~~are~~ is more "sheet flooding" & these areas ↑ used by foraging arnav, wiph, ducks, wipb etc.

U7, T59 N to mid redo

- Background w/ clumps of sq
- expanse of salt grass

U7 T59 mid to S

% are really estimate - end of the day!

- 10 • dense old + new JBA (similar to U9), flooded
- 40-50 • spike rush, flooded w/ pockets of JBA
(small pockets of cattail)
- 20 • mixture of bare ground, ct, spike rush
- 5% • salt grass patch
- 10 • other
- 15 • dry old + new JBA

24 May 00.

Stone

U7 general

Many areas (usu w of levee) w/ old growth JBA + New growth JBA (1° Near T 57, 55, 59, 61) South to mid 59
but are dry now - must have been wet, would there be more duck nesting of wet? Can they get wet (Be wet thru May + June) or would that & shorebird hab?

* need to get w/ Ron, Tom + (designer of area?) to discuss capabilities of H₂O mgmt + timing.

U7 T51 S to Mid 25 May 00

- dead greasewood patches (some w/ New growth T1a + spike rush), alkali flats, old + New growth JBA
some Cattail

U7 T51 mid to N

- ~ 60 alkali flat w/ greasewood
- 10 impoundment
- 15 flooded spike rush
- 15 greasewood w/ salt grass

some typha

U7 T49 N to mid

- 90% greasewood
- 8 spike rush, flooded
- 2 other

** T49 mid post - has recently been "fixed" but its wrong - now its a diamond but should be a .

49 Mid to S

- 8 greasewood flats
- 25 old/died greasewood + typha + spike rush

47 N to S

- 70 65 greasewood dry
- flooded JBA w/ spike rush
- 3 canal/borrow
- 5 other

45 N to S (No middle post)

- impoundment
- dry greasewood
- dry upland
- flooded greasewood
- ow/borrow
- flooded spike rush

(5% duck nesting hab)

25 May 00. Hab. Stone
 U7, 6 T43 S to ~~the~~ Mid Post
 very little $\leq 5\%$ duck nest hab
 98% dry
 - 5% open water.

Mid post - North T43 - ~~approx~~ 98% dry.

large ($\sim 1/4$ mile long) expanse of thick salt grass
 scattered greasewood + occasional clump of JBA, sq
 expanse extends west for ?

dry now.

N of salt grass is large area of bare ground (dry
 impoundment)

small pond (dry) w/ ring of old tyla

N U6 T41 N to mid (100% dry)
 - old growth JBA, new growth JBA DRY 30% 20%
 - salt grass w/ scattered greasewood 60%
 - salt grass w/ scattered greasewood
 - greasewood ~~at post~~
 mid post 10% 20%
 95%
 U6 T41 mid to S: 98% dry
 5-15% impoundments

greasewood w/ sq understorey } not a complete list of hab/veg types
 other

U6 T39 S to Mid pole

98% dry
 2% wet (canals)

large expanses of greasewood w/ sq understorey
 some old fixtail barley @ mid post

U6 T39 mid to N 100% dry

60 salt grass mix some greasewood

30 old + new growth JBA DRY

10 grass spec (calimagrostis?), minor whitetop DRY

25 May 00. Stone. Hab. Conditions. Duck Nest transect

U6 T37 N to Mid - 98% dry 2% canal, pond
70% old + new JBA (w/ other spike rush) (dry)
28 - other upland grasses dry
2% open H₂O

U6 T37 mid to S dry 100%

55% old + new JBA (dry)
42 old + new JBA¹⁰ fxtail barley, bare ground^{ag}, rabbit foot grass, WT (dry)
8% salt grass (1°) + other grasses
(cows in unit).

U6 T35 S to mid DRY

50% (dry) old + new JBA sparse whittop, fxtail^{old} barley, rabbit foot grass + others
+ curly dock → New + old. w/ some bare ground^{occ.}
15 salt grass, whittop^{minor} + other grass
5% other

U6 T35 mid to N 97% dry 3% water in outwash-feed (?) ponds

77% short-emergent veg: JBA old + new, spike rush, fxtail barley
Carex but DRY

20 Salt grass community (1° @ N end)
3% water

U6 T33 N to mid

60 old dense + prostrate JBA (No New or very sparse)
25 Salt grass w/ scattered grassweed (@ N + mid)
10% old + 1° new JBA flooded
10 Salt grass + old JBA

U T 33 mid to 5 → drug base

10 - prostrate, old pBA (day) no new base

10 - mix of product of old + new DBA w/ 1% corex ^{add new (day)}

25 - prostrate old pBA w/ scattered New pBA (day) ^{50% - other}

* It looks as if water was out on
Up early to induce seal bc
but it is dry now (during peak
of Nest initiation!) ^{water of}
~~water - that very first count~~ ^{prostrate}

30 May 00. Stone Hab Conditions

May Transects

U9 T 85 from S to mid
100% dry 90% Salt grass, bare ground + greasewood, dry
10% patches of JBA, bare ground, dry.

U9 T 85 mid to North:
95% dry } 25% Salt grass, bare ground + greasewood dry
5% wet } 70 patches of old + new JBA, other short-emveg, w/
scattered bare ground, dry
5% JBA, white top, short-emveg, wet

U9 T 83 N to mid
80% dry → - patches of bare ground, ^{small} patches JBA, SW
20% wet

U9 T 83 mid to S
82% greasewood dry
12 JBA, salt grass, scattered greasewood + white top, SW flooded

U9 T 87 S to mid
100% dry 85% greasewood, Bare ground + sq mix dry
15 old + new JBA, old cattail, white top + other dry

U9 87 mid to Spruce lawn
65% old cattail (~3-4'), flooded, new ^{of} JBA, new JBA
35% short em veg but dry.

U1 T 59

- Impoundment
- sq, bare ground, dry

U1 T57 N to S % are rough estimates

N to road : 60% old + new jba flooded
40%

recently flooded? was NW portion
of U1 flooded last week?

U6 T31, 29

Both: 100% dry, have some old + New
jba but dry now, some greasewood + Ag

Hub Notes 7+1

23 MAY - To do

Unit 17

75, 73, 83

(77 south to mid)

23 May (C)

Unit 7+1

Duck Nest Transects. Start 0715

T71 \diamond (S to N)

- S
- cattail (old + new growth)
 - pockets of bullrush mixed w/ spike rush + open H₂O
 - old growth (prostrate) spike rush w/ pockets old CT.
- (↑ shorebird activity @ mid post. 71).

(mid Post)

- Sq, spike rush, other grass (dry). mid to N - up 98% dry, H₂O in levees only.
 - spike rush, other grass + old (99?) whitetop. whitetop sporadic except more prevalent on dikes.
 - levee
 - salt grass
- N Post.

U1 71 or N end of 7?

100% dry U1, T71

- spike rush, matted/prostrate, clumps of (dry)
- old CT (~ 4-6 ft), substrate dry
- prostrate (old) spike rush

U1 T69

- N
- Sq, isolated greasewood
 - old 4-6 ft CT, dry pond (No veg) dry
 - CT, pond w/ open H₂O

U7 T69 N to S

- new baltic rush in levee areas
 - behind levee sq, bare ground, spike baltic rush
 - mosaic of : in two borrow areas - SW, New spike + baltic rush.
- in drier areas E of levees are patches of spike rush, bare ground, wet spike rush.

23 May 00

(Hab)

Duck Nest ^{Stone} Transacts

- U7 T67 S to mid:

mosaic of new + flooded Baltic rush, shallow water, bare ground - those areas are being ↑ used by WHT, AMAV foraging teal

~10% area of thicker/denser Baltic rush

20% some dry areas or wet mudflat

10% Barrow area / open H₂O

U7 T67 mid to N:

- whitetop (old) + New growth, just N of Center post (dry)

10% - stretch of old + New growth Baltic rush (flushed nesting here off transect), some small pockets of CT in JBA stretch.

5% - levee

10% - E of levee is new + old growth JBA but no standing H₂O now, soil surface is muddy.

- mix

- Unit 1?

U2 T67 S to N

dry whitetop @ south end, prostrate ~~grass~~ grass spc (calimagrostis), patch of CT (dry)

1 small pond surrounded by old cattail prostrate grass (calimagrostis?)

(dry 95%
wet just pond 5%)

* fairly large patch of dense salt grass (some other grass sp) + minor whitetop, (from N Pole south)

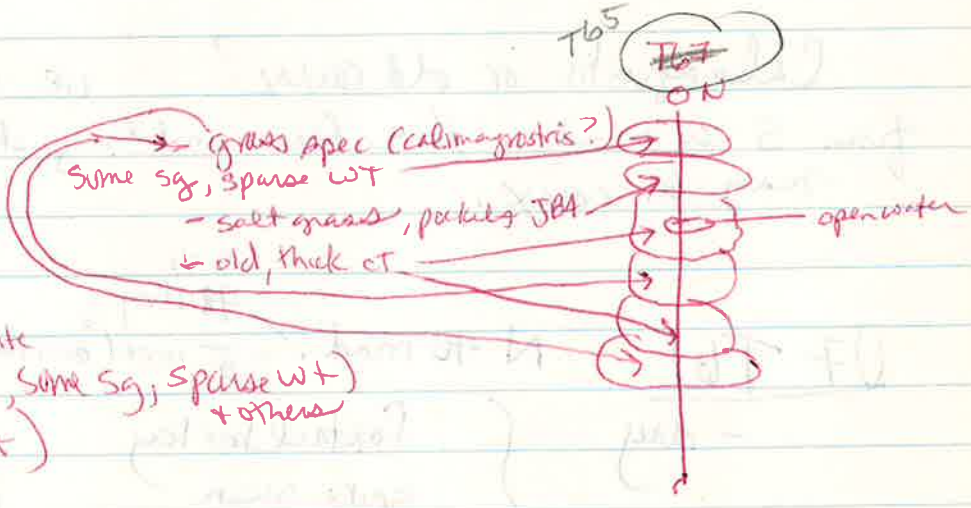
Hub.

Duck Nest Transects

23 May 00

N

Unit 2



- grass spec (Calimagrostis, ^{most prostrate} some sg, sparse wt)
- salt grass (pockets JBA)
- old thick ct

Unit 7

- bands of new growth JBA on west side of levee; JBA 1°
 Short-emergent or wetland plant (in units 71, 69, 67 & 65)
 Spike rush is 2° but close to dominance

spike rush any from 4" to 18" - w/ seed heads
 Baltic rush - some w/ seed heads

U7 T63 S to mid

- large bare ground (dry). area was wet (this yrs JBA w/ influence) but dry now.

- 75 % SD Only H₂O in the borrow (color is turning reddish algae?)
- 20 Bare ground
- 5 grass spec (Calimagrostis?)

* mid to North - large expanse of sg near (S) levee
 dry now, expanses of sg & alkali w/ JBA on fringe.
 fantastic stacked area

Calamagrostis or old carex? i.e. Unit 1 T 63
 from S to mid, have been calling it calim. but it
 may be carex.

U7 T61 - dry N to mid: ^{5% dry} ~~98~~ wet borrow, some fringe of flooded JBA

{
 foxtail barley old growth
 spike rush old + New
 sparse wt "
 Calamagrostis - grass tall w/ fine (New gone) seed (old) head
 ↳ foxtail? ~~is it~~ tall? But
 this is tall - 2 ft, does foxtail get that tall?
 Baltic rush old (but its prostrate) + New
 Whitetop increasing as you move to mid pole,

Mid to S U7 T61 ^{5% other} ~~95~~ dry old (+ New) JBA, some whitetop + other species, but 90% JBA
^{5% wet} 5% spike rush, wet

old Baltic rush but fairly prostrate, new growth coming but currently area is dry. Whitetop throughout but still minor component.

→ * ? to Do we need to flood areas deeper / longer
 (1) encourage JBA
 (2) discourage whitetop

↑ old JBA, some new growth but dry now as it gets wetter, JBA old + New is more upright

23 June 00, Stone. June Nest Transects.

- Bi-plane spraying area N of Unit 3, flying over N end of U3.

- Locke & Rachel doing Robels in U3

- man, horse & Blue Dodge det on Refuge N border.

Unit 3

T107

S to mid dry

canal (N of mid post) dry.

95% dry. Only H₂O is @ far north end. Short emergent (se) has the length of transect w/ clumps of tall emergent but almost all

T105

N to mid 100% dry

whitewtop in N to mid

mid - just N end of mid + then ^{~200} several hundred yards

N of mid post is salt grass flat. (dry now) but

(+) salt grass (low structure)

40% mid salt grass flat (scattered whitewtop @ S end of dry flat)

42 ↓ se (yuba, calim.) dry

5% Patch CT

10% ↓ Whitewtop (i) w/ se understory (patch extends 100 yard N of S. post)

South pole

South pole to rd = se dry
(btwn 9+3)

T103, 03 100% dry

S. Road to S pole: dry. large whitewtop patch (yuba understory) @ S. pole
~ 300 x 300 yard area

At mid pole - south of mid pole ~ 100 yards is whitewtop patch.

Canal @ N end of 3, @ T103 + West is dry.

23 June 00.

T99 100% dry

small (40x40ft) pond to the east of T99
U3, South end.

T97 N to mid.

10% - Upland

90 - Se (juba, calum, etc) some tall (3⁺ ft) dry
w/ scattered CT/Bulrush clumps

T97 - 100% dry

T93 there is H₂O in canal (between U3 & U3) @ T91

!

throughout U3 is
grazed areas - cows
eating carex. Can see
grazed carex tops.

T93 - 100% dry.

A trickle of H₂O in southern (btwn 3 & 9) canal
Teal brood in the trickle.

23 June 00

- Unit 3 is 98% dry.
- Canal btwn 3+9 is full of waders (area where there is H₂O). Ducklings in dry canal + on road between 3+9.

24 June 00

U3T91 100% dry

U3T89 " "

- Not seeing any ducks w/in transects, not even hens flushing off line

U3T87 100% dry, ~1/2⁺ in new growth (dense) ct, dry underneath

U3T85 100% dry.

U7T89 85% has water (15

cattail (1° old growth) + dry	15%
rye + og ct + bulrush + sw	80%
bottom (ow)	5

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22 June 00
Parker Pond, U17
T87

Og = old growth
Ng = new growth

Empire Canal: H₂O levels very low
ditch/canal between Parker Pond + Empire Canal is dry, in
May there were ↑ Nestling ducks along that canal
edge (in cattail).

T85 - Parker Pond has less H₂O now than in May.
The southern 1/2 of T85 (normally has H₂O - it is
May 99 + 2000

the southern portion of the "Pond", now its dry, ^{dry} mud flat
exposed. The southern pockets of bulrush are dry + not all
of the pockets (of bulrush) have greened up - in some areas
only the perimeter of the pocket has green bulrush.

T83 - Drier than May, water not as a band under
bulrush, some flat (dry + wet) exposed just to east of T83,
CT + bulrush pockets along 83 drier than 5-~~99~~ 2000
+ 1999, where Ruddy Nest was found in 99 is dry (under
em veg

- Bulrush clump @ N^o,^{thern} end of T83, area just
east of cays nest structure - is dry, can easily walk
thru

T81 - @ North end (btwn 7 + 8) DRY, bulrush (Ng) is
fewer + ~ 4 1/2 ft tall, Most is bulrush
(Ng + 1^o Og) is prostate

2
28 June 00

U17 T81

there has been an ATV track almost on line on T81 since May 2000 (not there summer 1999). Today I found a small wooden "seat" (for hunting) adjacent to ATV trail. Trail must start from N end, found where it ends

T81	N to mid post		8%
N	Bullrush clumps (thick) og + sg	dry	80
		" saturated to 2"	5%
↓		(small ↓)	
mid post	JUBA, sg + bare ground	dry to shallowly flooded	15

- the only H₂O along center line of T81 is @ the south, near mid post.

mint @ mid post & south

* short-emergent hab (1° juba, foxtail, mint) south of mid post but whiteweed (invading) present. Now there is SW in the SE ↑ use by birds - foraging whib which may be (+) due to nesting. proximity to ↑

U17 T79 S to mid - 100% dry

	whiteweed prominent, esp towards mid-post	
S	short-grass hab w/ scattered whiteweed	25%
	" " w/ thick " "	45 45
↓ mid	se hab w/ fairly prominent (ie, 60-70% cover) whiteweed	30
		0

May

47 □ S to N

49 N to S

47 S to N

45 N to S

43 S to N

41 N to S missing signs @ N post

39 S to N

37 N to S

35 S to N missing post @ S end of 6

33

Hab. Conditions - June Nest Transects
stone

U7T71 S to Mid: New ^{among} (over old growth) cattail
and bulrush, ~4-6ft, ng spike bush

mid to N - salt grass flats, levees
(no standing H₂O)

U1T71
S to N

-spike carux w/ 3-5" H₂O (carux ^{w/} seed heads)
carux w/damp

carux, juba, spike rush + ng ct (mix), damp
band of og ct
dike road
oldgrowth ct.

short emergent (juba, calim, white top), damp

-paper
-May Nest
-bandage
-Sweatshirt

19 June 00

U1
T69
N to S

- sq
- old growth ct, dug, w/ ring of wq around small pond
- eastern impoundment - has H₂O - deepest point ~ 4 ft. very critical to ducklings etc.
- Road
- short emergent: suba, calim, scattered whistp (dig/damp)

Unit 1 doesn't need burning, we do need better control over H₂O

[Faint handwritten notes, including "H₂O (impoundment)", "FTFW", and "4242"]

22 June 00. Stone

Hab conditions during duck nest transects

U17T79 (Stone) ^{mid to N} 98% dry
Much drier than May transects.

- short-emergent (se) hab - juba, carex, Calamagrostis ~~long~~ 88%
dry
- cattail w/ SW 2%
- cattail, dry 10%

U17T77, N to mid 98% dry

- See May for veg types
- greasewood/sq 5%
 - wet se (juba, carex, spike rush) mixed w/ pockets of CT, Bulrush + sq 90%
 - CT/bulrush 5%

U17, T77 mid to South:

100% dry. Southern portion (In May 00, transects) had more H₂O - not standing, se veg (spike, baltic rush Cingefol) is present @ southern end. In May 00 area was wetter or had se veg that wasn't present in 1999. ~~From mid south~~ Area south of mid post has extensive whitetop (ie. 80% cover),

U17 ~~T77~~ ^{T75} S to mid 100% dry

S. ~ 1/4 mile^N from ~~the~~ smok post: se: juba + carex
and do ~ 1-3.5 ft tall (dry now). Scattered } 65%
whitetop

- sq 15%
- whitetop (1° whitetop w/se) 12% 18%
- sq w/ indiv alpaca or center • greasewood 2%

Habitat Conditions
June Duck Nest Transsects

22 June 00
T75 mid to N
92% dry

8% wet (flooded bulrush not thick yet, w/
se understory).

~1/4 mile south of NT75, U17 Post is the only wet
place. (flushed ~20-30 wfb, probably foraging
looked for nests but none found. Bulrush isn't
as thick as other colonies. WFB circled for a
few minutes but left - probably would have circled
longer if nests present).

U17 T73 N to mid ~~98%~~ 98% dry (not including ponds)

- H₂O in the 2 small ponds (e of Park area 5)
no ducklings observed.

- se (juba 1°, spike, calimagrostis) + sw 2%

- " " dry 83

- se + whitetop (1° whitetop) dry 10

- Sg pockets w/ pockets juba (+ greasewood) dry 5%

U17 T73 mid to S. 100% dry, se hab @ southern 1/3 of T

U17, W of Parker Pond: Much drier than May. Only
~5-8% of ~~wet mead~~ area has water. ↑ wet
meadow is now dry. Canal between U17 + 8
is dry. (Need H₂O there @ least?)

og = old growth
 ng = new growth

sw = shallow water

Unit	T	veg community	dominant species	water depth	% or notes
7	670				S to Med (S pole doesn't align w/ U7 mid, + N)
1	65	se CT ng + og	Juba, carex calam, curly dock	dry 3-5"	N to S ~ 90% ~ 10%
7	63			dry to 90% 90%	S to med
		U7 T63 Dry 95% wet 5%			<ul style="list-style-type: none"> open pockets of bare ground mixed w/ pockets of juba + other se plants stumps of se (but dry) - H₂O in canals
		U7 T65 U7 T61 N/2 - 98% dry 2% H ₂ O (in borrows)			<ul style="list-style-type: none"> - juba areas - bare ground mixed w/ se veg (juba) - old growth (short ~ 2 ft) CT @ mid pole
		U7 T61 1/2 dry same as N/2			

20 June 00. Stone. Duck Nest Transects

Unit 7, T57, South of center Post ~ 300⁺ yards =

Ng cattail, green, ~ 3-6ft tall. Largest + healthiest stand of Ng CT I've seen in U7 in 2000. Patch is 4/5 width of area btwn the levees.

U7 T55 N end (just ~~west~~ east ^{+ south} of impoundment in U1) area btwn levees has 3-4 foot Calimagrostis + juba. Being mobbed by Wiph + RW Blackbirds.

U7 T55 N end, west side of impoundment:

male	2	1 juv	ov
Unid duck	7	7 juv	1

U7 T47 South end -

areas btwn levees have sw (~ 2-8") w/ juba, Calimagrostis clumps (~ 6 inches - 3ft high), ↑ bird use by various spec

Sto mid.

five greasewood, dry, dry understory

levees

borrow (ov)

short emergent (juba, spike, Calimagrostis) w/ sw

flooded dead greasewood

25%

8%

remaining

10

U6 T45 - fields of se (Calimagrostis, juba, spike, ^{others}), dry
borrows / levees
greasewood / saltgrass

U7 T45 - borrow w/ sw 10% - levees 5%

- flooded greasewood 15% - se (juba, spike, calim) sw flooded 70%

21 June 00

U6/U7 T43 south end to mid

- patches of sg + juba ↑ Amav + wiph activity
- se (calim, cimeafail, mix, whitetop ^{thusek})

U6² T43 mid to N — 98% dry ~~but veget~~

- impairment @ N end (to west of T43, T43 is on w/edge)
 is dry, Timothy in clumps throughout area, ~75%
 bare ground, 25% clumps of Timothy, unid succulent/low growing plant

U6 T41 North end to mid

10% - Whitetop invading, scattered
 of sg, whitetop, alkali saccator) w/understory

10% - se: juba, scattered whitetop
 80% - greasewood + understory of sg
 20 80



U6 + U7 - submerged plants - blooming / in impairment / brown T41.

Calimagrostis U7 & U6 in full bloom.

5/24/00

~~U18T103~~ ^{U18T103} 1/2 - moderately wet - transition between fresh open water and S. ewingii

U9T97 1/2 - Water is very deep 1', only clumps of Jkr suitable for nesting. Need to lower water level about 6-9".

* Middle marker U9T97 has no sign on post

U9T97 1/2 - water deeper here too, although not quite as deep. better water in small clumps

U3T107 - middle marker has ~~no sign on post~~ Sign twisted sideways
- post too hard to turn needs pipe wrench.

U3T105 1/2 - South Post has no sign on post

Do 20 June

U1 ≥ 63+61
U7 > 59

Completed on June 20

~~U7 T57 S to N~~

U7 T59 S to N ◊ 0613 1

U1 T 59 S to N .5

↓ T 61 N to S .5

↓ T 63 S to N .5



U1 T 57 N to S ◻ 0827 .5

U7 T 57 1

U1 + U7 T 55 S to N ◊ 1008 1.5 messages wk June 19

U7 T 53 N-S ◻ 1103 1120 1

U7 T 51 S-N ◊ 1 - ♀ ? for Jeff Mitchell

U7,6 T 49 N-S -719 658 2398

- Jan Richardson
- Laura (?) 4UR Ranch? 719-6582398

- Todd Sandelys
got message

hope
6572338 Dave
719 338 0876 calls

Do
U7 ≥ 47

21 June 00

U7,6 T 47 \diamond S to N
+ 45 \square N-S
+ 43 \diamond S-N
T 41 \blacksquare N-S

748

10

James Romero
719 587-9563

June 23

DO
① Unit 18 - 97-105 ~~for~~ (Jeff)

Unit 3 Nest ~~527~~, 528, ~~526~~, 525, 521, ~~522~~, 523, 524
520, 519, 518

~~Run checked~~ 519
~~522~~
~~526~~
~~527~~
1

U3 23 June 00
Paddock
10
1 cow, only 1
feat
Brindle cow
called + told for

③ Unit 6. T 29-39 Use

⑦ ✓ male Nest U3 T103

④ ✓ Gadow Nest 101, U15 K

⑤ Unit 17 T89 91 K

⑥ WT in Unit 11+5

Completed 23 June 00

U3	107	◇	S to N	fence		
	105	□				
	103	◇				C
truck	101	□	N to S			
	99		S - N			
	97		N			
	95		S			
	93		N to S			

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U2 TR 73

Northern sign is missing from post

U2 TR 73

N. sign is missing from post

transect sign on N end of 127 in Unit 5 is shot, bear on
ground too long, pole OK 

transect sign ~~on~~ mid transect 69, 416 is gone, pole OK

U17
Habitat

20 May 01, Stone

FIN ... PI

U17, T81 S end: 100% dry, @ extreme south: grass sp, some thistle (mowed last season), from mid to Mid Pole: juba, some cane, Ngjuba dry ground, water in ditch - just W of transect

Habitat
May 2001

T81 Mid

- south end: 1-5" H₂O, Ng + dd juba, open
- 1° bulrush w/ 12-16" H₂O

T83 - N end NW, N end starts @ NE corner of bulrush

↓ Cattail + 14" H₂O
 ↓ bulrush + 14" H₂O 1°
 (Mid)

T83 mid - wet 10-14" w/ save

sm saltgrass patch
Carex sp

• disp, whitetop, juba, ^{disp} dry no standing H₂O, soil damp
alkali mucky, lila, dry
short grass + thistle

• New community/assoc.

T79 S: dry, furthest S - • disp + other short grass species, patch of cane, • lila, • disp • lila (lge patch) • disp mid marker

T79 N "pond" well flowing, Ng juba + Carex
• lila (understory of juba + grass sp), dry

• disp w/ patches of Juba, dry

lge Carex sp ← Carex, spike rush, foxtail

• disp, save + H₂O

• save

1-5" H₂O, slender r 'in

20 May 01 U17

U17, T77
N

og = old growth

- tyla 1-8" H₂O
- juba, large spec of caux 1-5" H₂O
- juba (Ng+og), slender spider flower (more lela @ south)
- juba, lila
- disp, juba, lila, Bg
- disp, greasewood, Bg

No stand. H₂O, soil moist
soil moist

midpole - Lela (og+Ng) 57 paces, 20 paces = 30m

there is a distinct line @ mid U17 T77, lila south of mid line but not N (N = disp, Bg, greasewood)

all dry

- lila, juba (og),
 - juba, ~~lila~~, cane, lila, curly dock
 - cane, lila, juba
 - lila (og+Ng), thistle (173 p)
- w/ varying sized patches of disp

? in U17 - southern / west area - w/ more H₂O more juba + cane + less lila?

S. pole • lila (mowed) juba, ~~etc~~ disp, caux sp
• disp

U17 T95 (all wet)

- sw 3-5", old tyla, old lila, Ng thistle, juba, foxtail, Ng tyla
- tyla + bullrush H₂O 16" to 3.5 feet

N pole ↑

U17 T93 N-S: • greasewood, disp + rabbitbrush } no dry
• disp

U17 T91 S greasewood, disp 95%
N old lila (Ng lila), Ng+og juba, elsp + 3-8" H₂O 5%

21 May 01

U17T73 S toward - 100% dry

T75 N: first 1/3 wet (1-6") w/ tyla, carex

U7T61 N-S

S: elsp, juba + sw w/ H₂O @ 2-8" (few some lila)
juba, elsp dry, scattered lila

elp, sw

M: juba, scattered lila, scattered BG, dry

↓ salt grass pan

N juba + lila + sw 2-5"

(~70% from M to N is dry)

T63 1/2 Lila on levee (Ng levee) ~3 ft tall

U6T29 S: dry, deep to greasewood

30%
~70% of
fine wet.
(S toward)

• (after greasewood): old juba, scattered lila, ~1-3" H₂O, some ng juba but not vigorous

• juba, dry

• disp + save dry

10%

• juba + thistle (log) (dry), cane

• greasewood + disp

10

• old juba, cane, scattered lila + curly dock

• "

dry

some ng juba

" 1-2" H₂O

some ng juba

clump
of reeds

30%
40%
of line
from mid to N

10

• greasewood + disp, dry

U6

Btwn T29+27

patch of Timothy (?)

Water moving into area

TU27

S Timothy + ems, 2-4"

• thin strip greasewood

• elsp, og + ng lala, scattered ^{dead} old greasewood, foxtail w/ 1-3" H₂O

• yuba, elsp, scattered lala, cinquefoil w/ 1-3" H₂O

• greasewood + dssp, dry

• foxtail (og) ng elsp

dry now but moist soil

• cane, new elsp, w

1-3" H₂O

• dssp, yuba, elsp (mix) dry

M dssp, dssp/greasewood dry

• og yuba, dssp, scattered lala + scattered greasewood vesper sparrow 1

• greasewood / dssp dry

und sparrow nest

S old foxtail (ng foxtail) ng elsp, ^{ng} cinquefoil, damp to 3"

H₂O in borrow area to East of T27, H₂O in N end of 27.

some H₂O south of mid pole 27

some "canals" or streams of H₂O running along old levees

Are there old levees in U6?

Seems to be wet so veg in U6 but T27 not going thru it.

Heard ♀ gadwall/mallard to east near borrow/6e.

East
west
of
trees
~ 30
%
wet

Habitat, Stone U6 + U7

22 May 01

U7 T53 at S-Mid

- dead greasewood w/ 2-7" H₂O
- ow (3-7"), elsp, juba, ow 3-7"
- juba, ow patches, 3-7"

U6 T53

mid • South end (to levee w/ cage structure) (straight E of PA) is dry

- Series pond @ N end has H₂O, max depth ~ 3.5ft, veg beyond (S of pond) dry. Pond: H₂O not up to N dike/edge of pond, earlier in spring it was that deep

U7 T51

S: dry until 1st levee

- dead greasewood w/ 1-4", no other veg until break in levee (elp, Ng tyla)
- 2nd levee: juba + sw

~90% of T51 has H₂O, only N end is dry (T51 in the portion of U7 w/ levees), Entire T51: dry @ 1/2 except series pond @ N end, dry until levees.

U7 T49

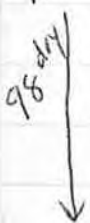
S: SW 2-7", juba, elsp

level → dead greasewood, Ng tyla ~ 2-3 feet tall, ow 5-18", some juba
 level → dead greasewood + chenopod, old tyla, NO Ng SW

mid pole → greasewood + dry wet 1-3"

(small local levee) @ greasewood + dry

Series pond (little bit of H₂O on this transect, Ng juba + elsp - from earlier spring H₂O.



15 May 01 Mike + Loree, MVNWR

Cary Gardner

- has done density plant work in her project (white top density)

Mike

- 40 random plots in a subset of plots

T 47

N 8 cane, ^{ng+og} + sw 3-5"
og juba, foxtail (1° og foxtail) dry
greasewood + desp dry
desp, dry

PA #1

series pond, has H₂O but much lower than spring

mid pole → greasewood, BS, desp, dry

Unit 7: dead greasew., old chenopod, no ng, sw 1-4"

levee →

dead greasew, clumps ng juba, scattered ng tyla, 3-8" H₂O

levee → scattered dead gw @ wand
ow, clumps ng juba 5-10" H₂O

og + ng juba w/ 1-3" H₂O
levee → ow (barron)

levee → juba (og + ng), desp^{ng} w/ 2-4" H₂O

barron (ow)

etc etc - sht - obs. 1

5

cane, juba, ow sw 3-6"

Habitat
Unit 6/7 Stone

22 May 01

4 7T45

N: old juba, ng juba, cane, og lila scattered tyla + curly dock
levee → ng + og juba, sw 3-5" sw (borrow)

small clump of disp + sm clump of dead greasewood

levee → dead greasewood, ng disp, sw 2-4", ng tyla, clumps of ng juba

levee → chenopods (og), dead greasewood, old lila, old juba 1-2" H₂O
disp, bg, scattered ng disp + juba, ^{scattered} greasewood, no moist
levee

Stopped taking (t) hab Note N of levees in 7, remainder of transect dry except for series pond

• N end U, 6T45, pond/borrow SW of PA #1 "full" H₂O, no haven't seen it this full, could not wade across, too deep

• greasewood, dry ← Road to PA 1

• Salt grass pan (t) disp

(N) • cane, circle of tyla, juba ^{foxtail} w 2-10" H₂O, in tyla

U6T43

N

Pond @ NE crnr of u6: H₂O extends from N shore/road south to disp/mulchy + greasewood. Fredricksons black/white poles -

H₂O goes ~90m south of most southern pole

H₂O depth @ max ^{100'} was 3.5 feet @ N end (H₂O to circle of greasewood)

except for ~40m patch of dry, H₂O goes S to mid U6 + pole

@ pole H₂O is 7"

Slender spider flower @ S end of 43

S: disp, bg

• disp, + slender spider

Hab Notes
U9

5/22/01

- U97107²/₂ - Water than normal ^(1 ft) might keep below 1' ~ 6"
- U97107²/₂ - Very wet good brood hab.
U9797 Middle marker was past but no sign
- water 9-18" throughout

Kelli,

A Good day! only four nests on transects, a few more off.
lots of neat things out there. water in East 9 is
a bit deeper than I'd like to see, some nests
flooded. but overall habitat looks excellent.

Ron

P.S. I'll be here @ 0630 to get T. Sanders
protocol from you!

How many flooded nests?

23 May 01

1390

U11 T141 □ S-N

T141 S: disp, greasewood, BG dry (sparrow species 1)

disp becomes more robust + tall as you move N

- ~75 yards S of mid pole to mid pole: 1-4" H₂O, ng elsp, ng foxtail, oldgrowth disp, scattered lela

mid • juba (ng+og), ems plants, scattered lela, scattered disp. 2-5" H₂O
 some clumps of dense lela

- disp, scattered greasewood + patches lela
- (higher area) w/ old juba? grass-like (slender), lela clumps ground moist
- ng juba og juba, elsp, og lela 2-4" H₂O dry

Spring creek →

- og juba, og thistle, strip of tyla, patches of cane 1" H₂O

Canal

disp + greasew.

U5

N end: greasewood, bg, disp, alkali sycator "Healthy"

T141

og shrub-grass - no weeds.

↑ sparrow activity

U5 139 N: alkali sycator, greasewood, disp, BG

[Great SS site]

↑ sparrows

Canal →

~~Canal~~

• cane, lela

Spring creek →

• og + og lela, strip tyla, dry

• ng + og juba 1-5" H₂O, strips of tyla (ng = 4-5ft)

Ng juba = 3ft tall

eastern ~~western~~

edge of "pond" →

pole mid 11

• alkali muckly, greasewood

alkali muckly, disp greasewood

②

mid pole 137 u11

100% dry, greasewood, disp, Bg

↓
S pole T139 u11 (@ south end ~ 75 yard patch of Ng fixtail but dry now),

137 □

S
↓
mid pole
small canal

↑
greasewood, disp, Bg

↓
juba (og+Ng), 1-4" H₂O

disp, greasewood, Bg, slender spider flower, Moist

Spring creek → Ng juba, og juba, og+Ng lila. A lot of dense lila surrounding Spring creek (patch of disp)

(small canal) → strip tyla + og+Ng juba, 2-5" H₂O
Cane, fixtail, disp

from ^{southern major canal} Spring creek to ^{Northern major canal} Parma drain: T137 95% wet 1-5", juba + ems but no ducks flushing

Parma drain - 1st ~100 yards to N: old+Ng juba, ems spec, 1-3" H₂O

from then to N pole in U5, dry greasewood, disp, alk. saccat.

U5, T135 N-S

canal → 98% dry, greasewood, disp

extreme southern end: CANE, thistle, juba 1-2" H₂O

U11 T135 N-S

N canal →

juba, lila w/ 1-4" H₂O 1 strip tyla, thistle

T 135

Ng+og lila dry

disp dry

Strip of sud w/ juba

mid pole: greasewood, disp

South " alk ouca

@ extreme S of T135 + T137

w fixtail (Ng) old+Ng juba but dry now

Mid pole u11 ↓

lila, upland grasses
greasewood, disp

22 May 01

HABITAT U11-5

U11; T133

S greasewood, alkali sycation, disp, by
↓ Mid - og + Ng juba, 2-4" H₂O, salt grass, w/lela patch, small pond, elap

100% dry

levee to W of mid post: has slight H₂ on N side of levee

• disp + ^{og} sedge spec?

Note (@ ^{log} canal) strip tyla @ canal

- U5 S: • cane, juba soil moist
- (2nd canal) → cane, lela, juba thistle, dry
- N • greasewood, disp

U5 T131 100% dry

U11 T131 N: (small, as 'pond' to west of transect)

- juba (og + Ng), scattered lela, cerne, elap, cingefil 2-5" H₂O
- juba (og + Ng) " " dry

(side Note: from small canal S (S of mid pole, ^{North} near electric fence) - patch of alkali sycation + disp - is flooded 1/2 - 2" H₂O (what does it look like in June?)

South end: small ditch just to east of T131 - has H₂O (but why?) - in the middle of greasewood

@ very south end of T131 ^{Ng} foxtail (as other transects to East) but dry now (are we intentionally flooding this area? Why)

U11 T124

S-N dry 100%, ^{southern} lower 1/5: ^{Ng} foxtail + other EMS but dry now, not greasewood

Mid: greasewood and rabbitbrush dry

disp, greasewood dry

(just N of elect fence, disp + og foxtail are flooded 1/2 - 2"

open water pond

VII, T129 Near Mid

old juba, Ng juba, scattered + dense clumps tyla 2-4" H₂O

@ 15⁺ (southern canal): small bodies of OW on south side of road + canal

US T129 100% dry

US T127 "

VII T127 (10% wet ↓, 90% greasewood, drop 96 + dry)

N: small areas of OW, tyla, ^{Ng} juba + 1-5" H₂O (~~1/8~~ 1/8) mile from pole south

U 11 125 dry S-N 98% dry

@ N pole (?) @ Bowen drain path, patch of knapweed on dike (N dike) for ~ 40 yards

U 5 125 100% dry, greasewood

Habitat Notes

Todd A. Sanders 5/21-22/01

Unit 1: ~95% dry except for deep water (~3 ft.) areas, and deep water (~2 ft.) and cattail areas.

Cattail community ran east-west across the middle of the unit. Most dry areas were dominated by residual Baltic rush mats < 1ft in height.

Unit 7: ~60-70% flooded ~4 inches deep; vegetation communities were diverse and highly intermixed.

55 N. 80% F. 4"

55 S. 80% F. 6"; dead greasewood patch

57 N. 80% F. 5"

57 S. 80% F. 4"; cattail & greasewood patches

59 N.

59 S.

61 N.

61 S.

63 N. 15% F. 2"

63 S. 80% F. 6"

65 N. 35% F. 3"

65 S. 40% F. 2"

67 N. 10% F. 2"

67 S. 80% F. 4"

69 N. 40% F. 3"

69 S. 60% F. 4"

71 N. 60% F. 4"

71 S. 35% F. 4"; cattail patch

Kelli Stone recorded data separately

Kelli:

Bird data to be provided after this week (~24 May)

Data is census of all birds along 2 1-mile
transects in each unit (749). Each ^(belt) transect is
100 m wide.

Thanks Kelli for all the cooperation.

I appreciate what you did.

Todd

H₂O in canal @ N end of U2, standing H₂O + Ng juba on private land on N border of U2, T 75.

U2 T 75 (~80% of unit is wet, N end wet, South end where dry hoodisp - should be dry)
 N: • og juba, og cane, Ng juba (8-10"), scattered og lila, curly dock 1-3"
 Ula + cane ↑ as you move S

(strip - 20m of drop)

• drop (27 paces, 20 paces = 30m) Moist

• og / Ng juba, cane 1-3"

• small canal, drop on - 20ft on N+S, thistle, sve dry

~20m • cane og 1-3"

~75 yards { • Ng juba 5-10"
 • tyla slup

H₂O up to 3 1/2 ft in tyla

← by canal → (full), lila on S edge

• Ng juba cane, og / Ng juba 1-3"

• drop, clumps of juba dry

Unit 8 (99% dry) - it would be nice if these juba areas had sw - ^{NW we are missing duck nesting habitat}

N pole • sve (dense @ N end, sparser @ south end w/ drop but more bg) dry

• Ng foxtail, og chenopods, og / Ng lila dry

mid pole →

• og / Ng foxtail, og / Ng juba, bg dry

• og / Ng juba, og / Ng lila (scattered) dry

• drop

• og / Ng juba (farty, thick) dry (why? !?)

• sve, drop, Bg (40m)

• og / Ng juba

N pole → • drop, sw areas

U8, T77

S: drop, sve, bg, @ N end of community (S of sm canal) slender spider flower

25 May 01

SVE = greasewood

U8 773 □ N-S S-N

(99% dry)

23
45
8
10
33
45
75

- cane (~30m) - 1/2-1"
- og/ng juba, ^{10-14"} very scattered lala, strips of tyja (w/ big tyja) dry

90%
of transect
from
S-mid

- foxtail (ng/og) bg, clump juba (20m) dry
- og/ng juba (10-14") dry
- disp, greasewood, clumps of juba dry

mid pole

- sve / disp dry
- juba dry
- disp / foxtail dry
- disp
- disp / sve (kochia? og chenopod) (w/ strip of dense sve) dry

N pole ~45%
of 1st m - N
• og/ng juba, scattered lala (scattered thistle @ N end of community)
• sve understory og/ng juba and/or disp, scattered alkali selenion dry

U2 73 (⁸⁰ ~~70~~ 80% of T 1-3")

- S: disp, bg, sve, slender ogadu flower dry
- lala (dense) strip of ↓
- og + ng juba, ems specs 2-3" H₀

← canal → (full) og thistle on canal top 3-5"

small ditch (thistle ng + og on N side) strip of dry: disp, sve
• og cane, ^{1^o cane} ng (juba @ 4-8"), og juba 1-3"

area that Burned in late summer 2000: Ng juba, Ng (foxtail?) ng + og lala
• og/ng juba, cane 1-3
moist to 3"
in burned area some of juba is has sled heads

N pole

25 May 01

Unit 8, T77

S: disp, sve, bg, @ end end just south of sm. canal: slender spider flower
H₂O 1-3"

- Ng juba / og juba, thick, Ng 2', pockets ow,
- disp, sve, Bg (alkali) ~ 40m dry
- Ng juba / og juba dry ~ 80m?
- disp, sve, bg (alkali) ~ 8m dry
- sve, disp, bg dry
- last 40m - ng foxtail, og chenopods dry

U8, T77 (90-85% today)

mid pole

- disp / sve
- ~~tan~~ (mix!) - ng foxtail, bg, disp, sve, Ng / og lila, og chenopods (~100-125 yds)
- sve / disp / dry

N pole →

U2, T77

S: disp, clumps og / ng juba, slender spider flower

• area of open H₂O (~2-3 feet) Ng curly dock } ~ 50-70 yards

canal →

- og cane (2-20m)
- disp / sve (20m strip)
- og juba (thick), scattered og cane + scattered Ng juba dry
- og juba, Ng juba 8-10" (Ng juba - scattered, ^{have heads} seed ~~part~~), scattered lila
- scattered cane, cane 1' @ N end } 1-3" H₂O

~40% of T

N pole

U2, T79

N • og juba, Ng juba (slight-dot dense, 8-12"), scattered og lila, Ng / og foxtail 1-3"
in some places Ng / og disp (strip of disp / dry)

• disp, clumps juba (og + ng) slender spider flower damp-3"
(in ~middle of unit, directly east of 4th telephone pole (1st one @ outhorse))

• ow "pond" @ deepest (in canal) 4 feet ~ 125 yards
bordered on south by lila, on north tyla + carex (big carex)

U8, T79

N: • disp, ow pockets, sve (sve @ N end) @ S end: foxtail tree 1-4" (front)
canal →
• og chenopods from canal to 50 yards N of mid pole > 1-3"

Mid:

5/4/89

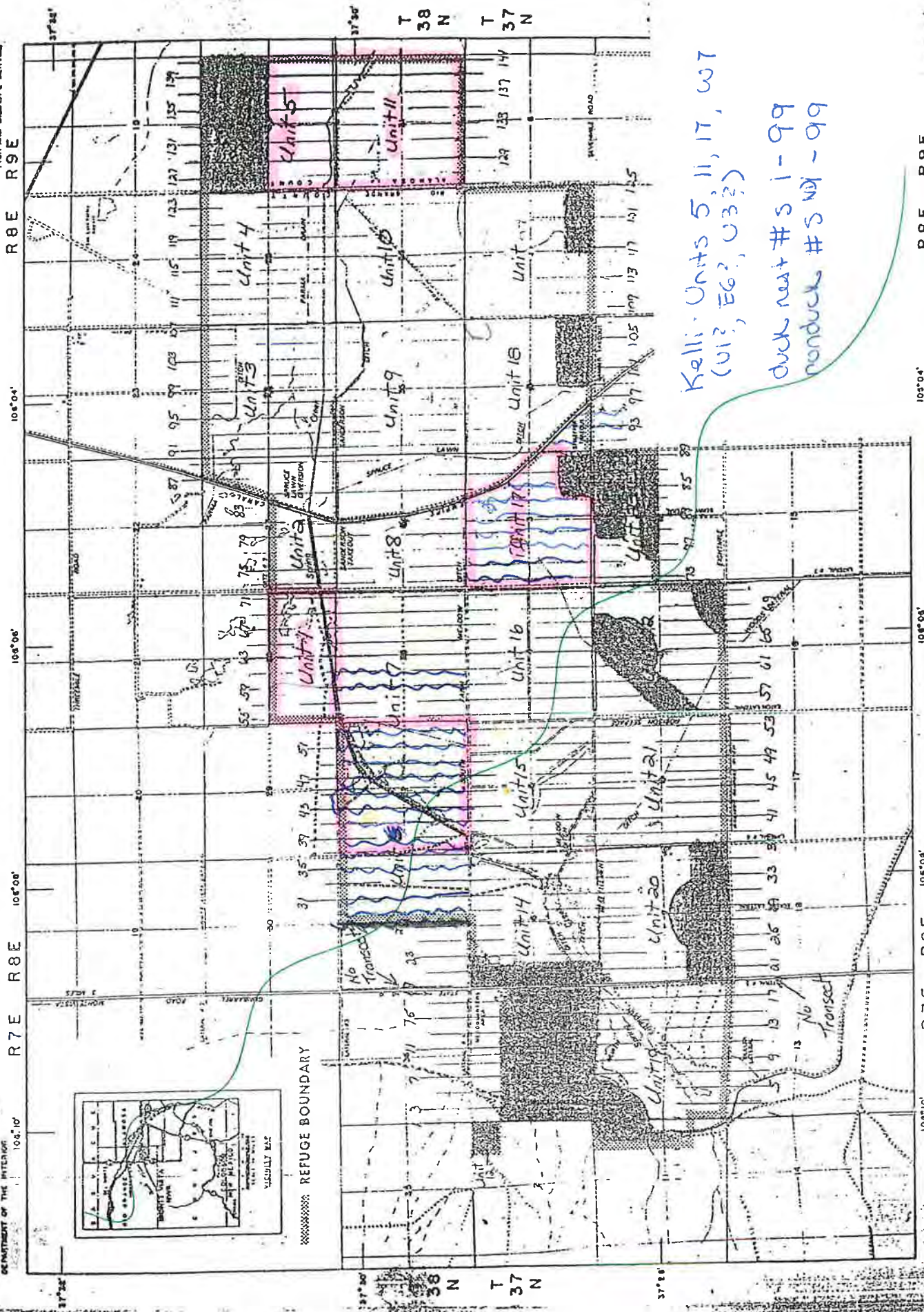
May 21-25, 2001 Duck Nest Transects

KELLI

MONTE VISTA NATIONAL WILDLIFE REFUGE

RIO GRANDE AND ALAMOSA COUNTIES, COLORADO

UNITED STATES DEPARTMENT OF THE INTERIOR
UNITED STATES FISH AND WILDLIFE SERVICE



Kelli: Units 5, 11, 17, w7
(U13, EG?, U3?)
duck nest #s 1-99
ponduck #s w7-99

NEW MEXICO PRINCIPAL MERIDIAN
SCALE
DECLINATION
1978

41 □

23 May 01

Habitat U6

U6, T41 S-N

from mid pole to south of N pole, is all 1/2 - 3" flooded water from eastern borrow.

mid pole	greasewood + disp	1/2 - 3"	mid pole	60%
	juba	1/2 - 3"		
fence →	disp, scattered greasewood		ground moist	
	disp, lala		dry	
	juba, 1-2"	1-2"		
N pole	cane, thistle, juba 1-2"	1-2"		

U6 T39 N-S

fence →	disp, greasewood		Snipe 1,1
	elsp (seedling out), juba, cane	1-3"	Sora 1
	juba, elsp, foxtail, cane	1-3"	
mid pole	foxtail (ng + og), juba, elsp, ow		Some juba w/ seed heads
↳	disp (~50 yards from mid pole north)		
	greasewood, disp dry		
road →	ng elsp, dd + ng juba scattered lala	1-3"	
	disp, clumps of juba, area of alkali	dry	
road →			

U6 T37 S-N □ (cows)

B	disp, ng foxtail	1-2"	clump juba, scattered lala, ow/bg pockets
98% wet	elsp, clumps juba, scattered lala, foxtail	1-4"	
Mid	juba (ng 1/2 2 ft)	1-4"	
	borrow field H ₂ O ~ 3 ft		
road →			

2

U6 T 37 cont

road →

- og cane, Ng juba (?) : (1-3")^{H2O}, elsp, scattered lala, scattered thistle
- Ng juba^{12"}, foxtail sedge sp. elsp 1-4"
- cane, Ng juba (5-8"), foxtail 1-3"
- cane, Ng juba scattered lala, damp
- disp, scattered juba (og+ng) bg, moist
 ^{elp (ng, seeded)}

(N) - cane, ? ? dry
 mid to N : 85% wet, from mid to * Most Northern end (~100-125 yds)

U6, T35 N-S

- N: Ng+og juba, slender spider flower, creeping wild rice, cane moist
 Ng juba, cane, disp old thistle
 disp, foxtail, clumps juba Moist
 Ng juba 10", old cane, 2-5" RWBB, nesting
 " , elsp, Ng conefit, scattered lala RWBB 2-5"^{H2O}
- pond
- Ng juba, elsp, og cane 2-4"
 higher area (road-like)
 - elp higher area 3-6"
- mid pole
- Ng juba, og foxtail, elsp, cane 2-5"
 - disp, sedge dry (~30 M in length)
 - disp, foxtail, 1-3" H2O
 - Ng foxtail, Ng juba, og juba, scattered lala cane 1-3"
 - disp road (has some H2O)
 - disp (og+ng) podacts juba (ng+og) foxtail 1-2" H2O clumps alkali sycamore
 - elp, foxtail, cane, scattered lala 1-3"
- south pole
- elp clump tyla @ south end
 mid-S T35 ~~100%~~ 98% SW (1-5")
 Mike P. Erricos post in transect 5/2

23 May 01
Ub, T33

HABITAT

S ° old juba, some ng juba Moist to 1" water, scattered lala
° og juba, ng juba, ng cinerifol, ^{poor} scattered lala + cane 1-3"
scattered thistle "look" like (+) duck nest hab, ♂ duck

~ 20 yards
(cane ↑ as you move N)

- drop, greasewood (Patch)
- drop, foxtail, og juba (clumps) scattered lala, ng lala 1-3"
- island (~30m) drop, sve
- og juba, ng juba ~ 10-18", scattered lala
- drop, foxtail, clump old + ng juba, drop
- og / ng juba, cane
- drop, scattered unid forb, Moist
- og / ng juba, scattered lala
- drop, sve, bg, unid forb (brown stem white- astr like hood) damp moist
- drop, juba, foxtail 1-3"

slender spider flower 1-3"

last ~ 20m
E mid pole →

- drop @ pole
- og / ng juba, scattered lala, foxtail 1-3"
- og juba, og cane, ng juba
- ng / og juba, cane, sw, scattered curly dock, drop
- og juba, slight ng juba, scattered lala 1" = 2
- ng juba, scattered cane + curly dock

12-18" (looks like U9) ~ 75 yards wide but extends E

- og cane / juba (~20m) dry
- drop, sve dry
- og cane, og juba, scattered curly dock, slight ng juba 1" 1" H2O
- ng juba 12-18", og cane, og juba 1-3"
- og juba / cane 1"
- og juba, scattered thistle, slight ng juba Moist +
- unid forb patch + lala dry
- drop dry

N

23 May 01
 U16, 71 \diamond N-S [98% dry - 2% H₂O in burrows]
 (- North borrow - some SW)

N • alkali flat, scattered chenopods (og + ng), scattered clumps bulrush (dry)

Mid • patch (~⁵⁰⁻⁷⁵ 75-100 yds) of og bulrush, ground under moist dry
 • deep, dry (~100 yds)
 • greasewood, alkali

Road →
 - H₂O in N borrow (in Eastern corner) + H₂O in East borrow
 - og juba, slight ng juba ground dry ~ 60-70 yds
 - greasewood, @ south end of patch there is og juba understory

rd →
 N pole greasewood (N portion - alkali understory, south: deep understory)
 og juba, ng juba, thistle (last 25 yards)

U16, T69

S • greasewood, rabbitbrush, by (deep understory @ N portion) dry
 • og juba, some ng juba, (~25 yards) dry
 canal → (dry)

• deep, scattered ng sedge? og elop, og thistle
 scattered rabbit, dandelins

Borrow →
 • SW in borrow

rd →
 • og juba, lila, ng juba but short (4-5") and sparse soil dry now
 • og juba, ^{Ng} Carex sp., by, og chenopods, Ng juba dry
 pockets of deep

Mid pole • deep as you move N pockets of BG (alkali)
 (fairly large area of og/alkali patches)
 • og juba, og + ng foxtail, ^{og + ng} lila, Ng chenopods (40 yds)
 • deep, scattered Ng sedge

Cloud for AmV?

23 May 01 HABITAT U16

U16 T67 99% dry 1% borrow H₂O.

N: • greasewood w/ alkali bg, dry

• disp, scattered greasew.

• strip of (~ 20m) old juba, old lela

• disp, scattered grease

dry



Mid pole

• old juba, sparse Ng 4-8" juba, pockets disp

Road →

borrow → (has H₂O)

• og juba, og lela, Ng juba (~~sparse~~, 6-10"), bg patches, und Ng forb dry
disp @ southern end

• greasewood, disp (~ 30m)

• og juba, Ng lela, og lela, og cane

• rabbitbrush + disp (@ south end greasewood too)

dry

U16, T65 S-N

S: og juba, ^{Ng} sedge (sparse), Ng + og
canal → alkali sacaton

disp scattered rabbitbrush
dry

• disp (Ng + og), Ng sedge sp

• og juba, Ng juba, cane, scattered curly dock

borrow → H₂O (but 25H) Ng foxtail Ng sedge?

Road → (hoary cross on Rd + blooming)

• og juba, og lela, Ng juba, scattered disp @ N, scattered thistle
@ south, dry

• disp, greasewood, pockets ^{@ S only} juba (Ng + og) (~ 30m)

• og disp, lela, og juba, cane, Ng juba dry

Mid pole

• og juba, Ng juba, Ng foxtail (dry now), scattered lela

• disp cane
• foxtail (Ng + og)

← Borrow w/ water →

U16, T65 cont

- road

- greasewood, disp, bog, dry
- og yuba, slender spider flower, scattered lila, ng yuba dry
scattered og every side
- greasew., disp, patches ng / og yuba
- disp
- greasewood

25 May 2001. K. Crowder

U24T123 N post slanted

U24T121 - Fairly dry, skirts edge of pond (24C), goes through a lot of good duck nest habitat (residual Juba) but no luck today.

T123 Goes thru center of pond & into EMS & mudflats, then more residual Juba to the S - no nests! :-
Lots of Avocets!

5/23/01

- U9T95^N/₂ - water level seems good. 90%+ of all veg is new (little residual). I think we're seeing the effect of last years drought. (no res.) Should be good in 2002.

* U9T93^S/₂ - There is no south marker in U9T93^S/₂
- middle sign missing lower bolt/nut

* U9T91^S/₂ - South pole is leaning badly and has no sign

U9T89^N/₂ - water is deep 12"-18", we need to consider cutting deeper spillways in these dikes. Tube growth is excellent, but water is very deep!

U9T87^N/₂ - That portion E of Spruce lawn is deep and primarily cattails. (could be less deep)

- That portion W. of Spruce lawn looks great, best in years, not alot of Res. because of past dry years. but excellent new growth. Tube replacing cattails in spots.

- Need to lower water on E side and maintain it on the West Side.

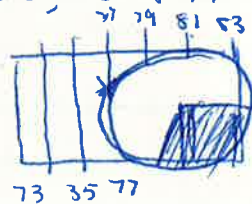
U9T85^S/₂ - South Marker is down

- Very dry, which is surprising considering how wet 87 is 200yds east

U23

23 May 2001. K. Crowder

U23T77 - goes up to edge of farm field, Oberrit skirt it like transect map shows



24 May 2001.

U23T81 - what a gem of a transect! I was dubious because it ran alongside a farm field, but it yielded wonderful treasures along a ditch chock full of RWBL nests & then into some beautiful riparian habitat where I ran into a pair of RTHA nesting! Very nice. Easiest way to stay on-line is to line up the markers in U17 - you can see them until you get into the riparian, and then just estimate. * End markers in U23 would be really nice.

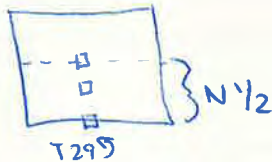
T83 - Completely dry, ran up to edge of farm field, mostly dry EMS & yuccawood (few).

U20T29-35 noted

23 May 2001. K. Crowder

U20T29

There's a "mid" mid post (to make things even more confusing) at this~~is~~ transect First! I'm still calling all sightings $\{N\frac{1}{2}\}$ regardless



* U20T33 mid post turned
T35 "

(T29) Little water - just some SW in a dried up pothole - enough to attract a couple of NOPI, some KILL, & some sparrows

T31-35 Completely dry. Dried up short emergent vegetation (resid. & some new stuff trying). ~~As~~ Greasewood & Rabbitbrush. Mostly upland bird spp.

* U20T35 N post has no sign

Signs entered 6/25/01 JC

22 May 2001. K. Crowder 1030

U20

Couldn't find T21 N post, so I started at T23 in hopes I'd spot it - found T21 mid

U20 T23 can't see mid post from N! walk towards Mayote Peak
* T23 mid pole slanting

→ N post looks like its in the middle of the southern 1/2 of 14!

No water in T21-27 mostly dry short emergent to grassland.
Found a BRBL & HODO nest off transect.

Signs entered 5/29/01 RL

22 May 2001 K. Crowder 0705. - 0915

T13U19 □

- ★ S sign fell off post (on ground close to pole)
- ★ mid sign is on ~~backwards~~ upside down
- 1 ★ N sign "

No water except for creek/SW

- ★ T17U19 mid post sign off (on ground, but no #)
- " N post turned (facing E/W)

A shallow water pond on N end of transect - about 2"
also previously mentioned creek & a ditch present
The rest is dry EMS, saltgrass & greasewood

Signs entered 5/29/01 KC

May 21, 01 K. Crowder

T1U19 □ S 1/2 0945. - 0223.

★ T1U19 mid sign fell off (at base of pole)

Entire transect dry - greasewood

~~Mid post not visible from mid~~

T3U19 mid □

No end post? Small creek runs through transect, chorus frog mostly dry - greasewood & rabbit brush

★ T5U19 S ~~sign~~ pole - no sign (at base)

no end post T5? I walked way past T7 endpoint!

★ 2 creeks running through, some wet areas w/ JUBA - not enough cover for duck nests, though

★ T7U19 ^{mid} ~~mid post missing~~ - found it. I was too far East, but sign looks like it needs replacing - well weathered & splintering~~Wet areas~~ Low areas are wet in T7 - standing water present★ T8U19 ~~sign~~ sign & pole down needs to be reposted

Again some pockets of short emergent vegetation. w/ standing water. Mostly dry.

★ T11U19 ~~sign~~ sign down (on side of rd)Some shallow water on N end about 1 1/2" deep
MALL in it

May Duck Nest Transects
P. Garcia

5/26/01

U3T107^S/₂ - South $\frac{1}{2}$ of $\frac{S}{2}$ is too wet! while $\frac{N}{2}$ of $\frac{S}{2}$ is too dry with \rightarrow thistle coming in. If this area stays this dry we should come in w/ ATV and spray it.

* U3T108^S/₂ - South marker has no sign on post.

U16T55^S/₂ - S. Marker is about 40-50' off Center to N.?

U16T57^S/₂ S. Mark is about 10' too far to East

U16T61^S/₂ - Middle marker has no sign on post.

U16T63^N/₂ - North Marker is missing?

May duck nest transects, P. Garcia

24 May 01

- Unit 18 West end -

- Cattails may be expanding, but they are highly productive here (best I've seen!)

- Look @ aerial photos in 10 yr increments to see if cattail spread is obvious

- manage H₂O here like Unit 9, NO new water after June 15

Unit 18 T97 1/2 - water is getting deeper. Suba looks great, water could be 2" less deep. Need to look @ Sunny map and see if 2" less here means none to West?

* 10:00 am Fin on T-99 N-bound having started @ 0700 @ T89

- Need to talk about DU's ATV tracks in Unit 18

- we might consider not letting them use ATVs over if Price skyrockets.

- Need to require DU to pick up flagging when done w/it.

Habitat Notes: Units 4 + 11 by John Uradenburg,
during May Duck Nest Transects
~ 23 May 2001

7:00 AM → 6:37
Poles

↑ □ 113 1111
4 miles 2 mi

Flooded chick 2 Aucaets 2 Phalarope 4 KD Impacted chick 2 Pair CT 20± mix dab 10 or Phal
Short emergent 10-95 mix dab, 5 Peeps 1 Phal 2 KD

8:43 10421

duck! moist soil.

↓ ◇ 115
Poles 2 mi

4 Flooded whistler - 100± mix Ducks mostly mall, Gad, Redhead. 10± w.P.

2 Aucaet.

10 Flooded chick - 10± Aucaets, 10± killdeer

40-50 mix Dab Pairs - Gad, Shrike, CT, BWT, Pintail

Flushed a G.H. owl

10:24 11149
P. date Egg with signs

□ 117
2 mi

Flooded chick/saltgrass 20± Aucaets Protective but I never found a
nest; found one broken shell egg but no signs
Impacted chick - 5 Pair chick

11:53

◇ 119

Flooded chick - 10± Aucaet 20± w.P

2 mi 50-60 mix Ducks mostly mall, teal, mallard seen Redhead

↑ 6:57: □ 121 Impaled SE 10 Red head 30± mix DAB
8:00 Ø nest. 4 August

◇ 123 ↓ Impaled chick/SMT-grass
8:30 20± Kill deer.
1 Fled SMT-grass 50-60 Pairs mostly MAL, GAD, C. Teal

11

109



Nest sample of Trans. (4)
Nest of MALLARD or TRANSECT (4)

20± Ibis 10± ct
1 Avocet Shrike
20± max
10± GAD

in lake on W. 1 Dead Her Mallard / Leysigan

11

111

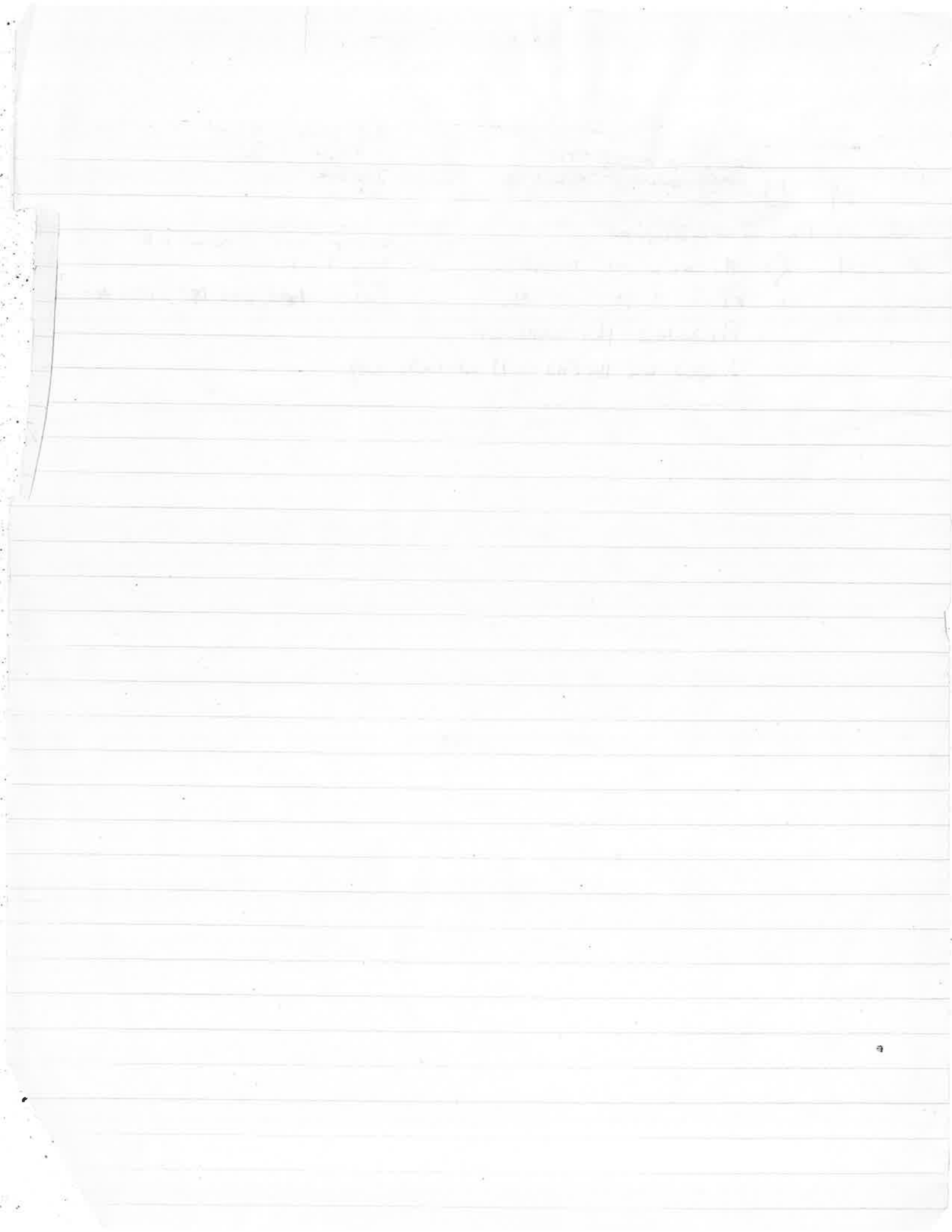


M♀ nest off Transsect
PT♀ " " "

Phalarope 50± Shrike 10±
Avocet 5±
Singe Pink 10± GAD 15± MALL 20± Teal 20±

Predated Her unknown

Jumped over Her GAD could not find a nest



Stone

June 01

Units 6, 17, 8, 2, 7, 18

U6, 18 June 01, June Transects, Stone

T29 S-N

S: lala, ^{alkali} muhly, ^{thistle} others

• greasewood

• og/ng juba (1 1/2 - 2 ft)

• og/ng juba (10" - 1 ft) dry
sc lala

dry

dry

moist

~ 75 yards

- 50-70? yards

Mid pole → • disp, greasewood, patches juba (~ 50 yards)

(S to mid = ~ 80% is juba from 10" to 2 ft tall, today all is dry, some portions in south are moist.)

• didnt record

• greasewood, disp

• ng juba, og juba, sc lala,
sc cane (esp @ N end)

dry

dry

juba shorter + less robust than @ S end

• greasewood

dry

[31] N-S (cows in paddock)

N: Timothy-like wetland plant - Patch of, beginning to flower, seed head has lavender color
Understory of elsp. dry-moist now. wip, wfb, rwb

• thin band greasewood

• elsp, foxtail, "timothy", sc lala, juba, mint 1/3" ~ 75 yds
patch of "big" cane

• greasewood, disp, juba

- Ng juba 12" - 18", Ng hoja, thistle, "timothy" dry ~ 50 yards
patches of cane + elsp

- (higher ground) disp, sc juba, sc cane, sc elsp dry (15 yards)

- juba, thistle, ^{cane} hoja, cungefil dry

T31 mid - S

mid - greasewood, disp (seed heads) dry
some patches of Ng juba, ng hoju, ng lela

canal → • juba, mint
• juba, mint, ng cane, big carex damp
wiph, wfb

• greasewood strip
• juba og hoju, Ng cane, og cane, "timothy", juba dry
↑ spansms

(more juba as you move south)

S pole → • ~~canal~~ borris, ng bulrush

U17

18 June 01

Sc = scattered

T 75

S: og/ng (8") juba, some foxtail, cane 1-3" ~ 1/8 mile
(mowed last ~ Aug for lela)

- higher area, ^{deep} Ng lela dry ~ 50 yards
- Ng lela ~ 20 yards
- Ng juba ^{else} 4-7" dry ~ 75 yards
- Ng juba ~ 50-75 yards
- bg, clover, alkali sycamore, hoary cross dry 50-75 yards
- greasewood dry " "

mid pole

- greasewood dry
- lela, ng/og juba dry
- patches of deep + bg + patches of juba dry
60% 40%
- og/ng juba (1-~~1~~ ft), sc lela, 1 pocket tyla dry (20 yards)
- " (1-1 1/2 ft) sc cane, sc buernash 1-2"

sc tyla

N pole (of ems in 75 from mid to N ~ 80% has sw 1-2" ditch

@ N end has water but not flowing.

[73] N - ems + emT dry (moist) to pond

- pond - has tzo
- juba 2-3 ft ^{sc}, og/ng cane 1-3" ↑ wiph @ N end of T 75 + 73

- elk wallows

- ↑ duck + wiph Nests found ~ 2 wks ago for DU see filming on this area (ie. N of 73 + 75)

- as you move south (ie, @ 5th utility pole [1st @ Parking Area] - gets drier + has pockets of og/ng tyla (1-4 ft).

- 5th utility pole south - og juba (10" - 1 ft) dry ~ 75 yds

- lela starts increasing
mid pole ↓

T 73

Russ. Knapweed ~~Near~~ south of mid pole, ↑ paths (ie 25 yards) ^{upto}
• from mid pole to small ditch: R. Knapweed, SC lela, drop dry
small ditch → • ~~small~~ elsp (seed heads), ~~SC~~ SC Ng thistle
• as you move S, juba increases, btwn 2nd + 3rd utility
pole (1st one just N of 75) juba increases

U17T93 100% dry

S-greasewood, Bb + drop. ↑ sparrow activity (95% of +)
• lela (3-4 ft), juba dry (45% of +)

U17T95 100% wet

- South end: juba + Ng tyla 1-3"
- North end: bulrush ng + og, open water (3ft), Carex species
(something has grazed tops of ^{big} Carex off).

W17 T8B

N-S - shallow 1-3" under 95% of tyla + bulrush areas, 5% saturated soil. Water levels have declined since May but still present. Most of vegetated transect (~90% is bulrush) N-Mid

mid pole →

bulrush At + south of mid pole didn't green up, stayed og remained, currently ground is just saturated, too dry for regrowth or too rank, some Ng bulrush but sparse + only ~2 1/2-3 ft tall versus taller bulrush in other areas, elk sign in area (trail, wallows)

- juba patches + "big carex species" but it's dry this yrs growth is dead but has flowers - senesced recently → juba

- patches of Ng thistle, sparse juba (8") - South end under emb 15 moist, Ng tyla is yellowish (stressed), Ng tyla @ mid to N transect 15 ~ 10-12 ft tall, I've never seen it this tall a robust here before.

- mid pole to south - 100% dry.

T85 (under veg is moist), areas of open H₂O

- disp
- juba (1.5ft), cane, Ng tyla (its yellow, stressed), Ng bulrush, og tyla ground dry to moist

T87 N-S

- Ng tyla + bulrush
- patches of og bulrush, rank - no Ng
- equal mix of Ng bulrush, Ng juba, sc carex sp
- juba, else. sc tyla, sc clump bulrush
dry now

U17, T81 N-S

19 June 01

Sc = scattered

- elsp, deep (both ^{w/} beedheads), sc "pod forb", sc ng und forb (dry)
(broad leaves similar to dandelion), sc lela, patches of juba

$\sim \frac{1}{4}$ mile \rightarrow • small (i.e. 15-20 yards) deep patch
• juba (1.5-2.5 ft), sc lela, elsp dry now ($\sim \frac{1}{4}$ mile from mid pole south.

mid pole \rightarrow • juba (2-3 ft) soil dry to moist, sc tyla
• og + ng bulrush

water depth decreases @ north end of T

@ south end of EMT it is moist but H₂O 1-5" is throughout

most of Emt - except drier @ N end, of EMT 90% flooded but only 1-4", many places w/ just 1".

U8 T81 ~~N-S~~ S-N

- south end bulrush og/ng, dense 1-4" H₂O

- extreme south end of open-pond area is dry, \uparrow defensive activity by Amar ($\sim 20-25$) but no nests found, no yng observed but could be present.

S to mid - has H₂O in ⁹⁵90% (dry areas are @ mid pole + south end of the series of ponds). Water levels decreased since May transacts.

In "pools" of east 8 (mid to S) most 85 has shallow 1-3" H₂O

mid canal just N of mid pole - dry

- south end of mid to N is dry, of this portion of T (mid to end) 4/5% is wet but only 1-2", veg is vigorous.

elp, juba (juba @ end 1"), clumps of bulrush. \uparrow
ducks, wfb, feeding in flooded elsp, saw 2 broods in
very "small" canal that runs N-S @ E side. (+) to maintain the

18 June 01, June Transects, Stone

SC = Scattered

U17

T79 - South-west corner of U17 wetter than in May transects, from T79 west to^w boundary of Unit (i.e., SW corner) has ~200-350 foraging wfb in 1^o Ng juba + og juba.

T79 S-N

Spole → ^{disp} - SW (1-2") starts ~⁵⁰ 75 yards N of South Transect pole, Ng juba is ~10" high, Veg + H₂O for ~50 yards

- og/Ng juba, disp, scattered lela dry S to Mid - 10% SW
- disp, lela, scattered og/Ng juba dry
- lela, disp, scattered og/Ng juba dry

Mid Pole →

- disp, scattered sava + bg. (some DISP has flowers) ~50 yards dry
- Ng juba, og juba, scattered disp, sc bg dry
- Ng juba (~2 1/2 ft tall), sc bulrush dry Ng juba as tall as 3 feet
- sc curly dock. Was wet in May transects

~10% has SW

• Ng juba (2-3 1/2 ft), Ng/og tyla, patches bulrush 1-2" (~25 yards) SW starts @ tyla stands

• mix of juba, elsp, tyla (ing - 4 ft), bulrush dry to moist (was wet in May)

bulrush, Carex sp
elsp = flowering

N pole

- Pond west of T79 @ N end of U17 almost dry, ~5% of it has SW.
- ditch @ N end of U17 is dry
- N end of 17 btwn T's 79, 77 dry

T77 S-N

S: • og/ng bulrush, tyla, ^{carex sp} ~~carex sp~~, elsp, foxtail 1-2"

• portions have a real mix of se + te plants

• Ng/og juba, ^{sc} ng tyla (3ft), clumps of bulrush (4ft) 1-2" ~ 1/8⁺ mile

(disp, foxtail, slender spiderflower, dry (~15 yards))

• Ng juba, ^{ng} og cane, clumps large carex species dry
Ng/og + scattered lala

• disp, pockets juba dry

• lala, understory disp + juba dry

• "pond", dike has lala 3-4ft, inside pond ng juba ^{95%} most dry now, well flowering

• greasewood dry

mid pole

(of se habitat in mid to N T77 ⁶⁰⁻⁷⁰ ~ ~~50~~ % of it was wet.)

- lala dry 100⁺ yards

- disp, sc spider flower, se lala dry ~ 50 yards

- lala w/ pockets of juba, disp, cane dry

- og/ng juba (Ng 8"), pockets disp
se og + ng thistle but ng thistle ~ 3-4 inches

18 June

nonduck 50
duck 19

U17 T79 \square S-N

U17 T79

- Bcnh (hear) in Parker Pond
- Amav 2 defensive, T79, U17 $\frac{1}{2}$ (near midpole)
- SORA 1 T79 $\frac{1}{2}$ calling / NS
- Marsh Wren, Thbb T79 $\frac{1}{2}$
- coye 1
- Cosnipe 1

U17 T77

- wiph 1 T77 $\frac{1}{2}$ NS, defensive se
- ^{rwbb}marshwren X te
- coye 1 te

T77 $\frac{1}{2}$ - Mall or Nshov 1 predated nest T77 $\frac{1}{2}$, no eggs found but down pulled out + A Round. nest in og/ng cane

- sparrow species (X5) vesper? og/ng cane (chipping \uparrow 2-3 calling)
- meadowlark ^{singing} _{signature}
- Nshov hen + 7 ducklings in canal @ south end of 17, T77.

19 June 01, Transects, Stone
U8 T73 S-N

- juba

- wgt tyla is yellow, dead (patches @ south end)

dry

S to mid: 100% dry, ~85-90% juba, deep @ N end near mid pole. See May notes
mid - noju blooming, some deep yellow/dead
mid to N: 100% dry, see May notes for veg

U2 T73 ~75% has H₂O,

S:

- canal just N of S boundary (U2) has H₂O (3 1/2 - 4')

- from southern (lge) canal N to small canal, area has 2-4"

1^o Veg - carex sp

small canal → Ems area has 1-3" water, drier than May but wet to N

boundary of U2

water in ditch @ N end of U2

U2 T75 N-S

~70% of T has H₂O + 85% of Ems has H₂O - some 4"

N: Ems (juba, carex sc lela) has 1-2 1/2" H₂O

- deep patch

- juba (~2ft tall)

wiph

1-2 1/2 H₂O

- deep

- juba (moist)

- deep

- juba dry

- deep

- juba 2-4" (3rd utility pole from PA, 1st pole @ PA)

- strip tyla + large carex sp, 3-7" H₂O ibis (5, foraging)

- lge canal w/ 4 ft H₂O

- immediately S of canal for ~40 yards the juba has 2" H₂O

- southern portion of T is dry.

19 June cont

U8 T75 (100% dry)

N to mid : 100% dry, # hoji @ S end

VOR post @ T75,
NE VOR post is on line - T75.

mid-S 100% dry

Juba patch @ ~ center (mid-S), where VOR ends dry

20 June 01

upland = area btwn levees
t = transect

U7 T47 N-S

N to mid: N end has some ERMS
most is greasewood

Series pond → greasewood, some deep, ~~sc og slender spida flower~~
mid pole → " " " sc og slender spida flower

- 1st upland - has H₂O + crosses corner dead greasewood, clumps juba (wop. broad)
- 2nd upland - juba, elsp, sc tyla (all has water)
- 3rd - 100% sw, juba, elsp open H₂O pockets
- 4th - juba, cane, tyla (has H₂O)

U7 T45 S-N

- 1st upland: juba (2-3ft) sc tyla, sw in all 2-3"
- 2nd : juba, tyla, N end has some dead greasewood
- 3rd : T is in corner of upland - has dead greasewood + juba
- og lila, og juba, og uncl forb, dead greasewood
- deep
- cane, carex. to Series pond S edge

U6 T45 S-N

- Was able to walk thru pond in NE cmr of U6 (unlike May)
max H₂O depth in E borrow ^{~4 ft} waist deep, N borrow (along T was 3 1/2 ft). og ong bulrush w/ water underneath

- Road (to PA 6) ~~to~~
- greasewood strip

N pole → ERMS: juba, cane, has 1-3" H₂O (~125 yards)

U6 T43 N-S

- borrow in pond has H₂O
- flat / upland area to south of borrow:
 - juba 3-3 1/2 ft @ N end
 - hoju, lila, patches Bg, sc tyla, pockets SW (1-3)
- patches/strips of mudflat, 1° hoju
- ^{former} disp w/ sc greasewood. ~~Disp: some Ng~~
- but 60-70% of disp but most of Ng isn't disp - foxtail?
- 60-70% of disp (under disp area ground moist)

mid pole →

Borrow area → juba (but dry)

dry from series pond to S 43 pole

U7

U6 T41 S-N

S to mid pole - dry
mid pole:

- greasewood, disp
- lila (was wet) dry, hoju ↑ as you move N into juba
- Road → juba og Ng, sc lila
- juba, sc lila, big caux sp, sc "bg dry"
- disp, sc greasewood, lila (esp @ N end) dry
- juba, "big caux" sp, lila @ N dry

looks like N part was wet in May

dry

T39 cont.
mid pole T 390, 6
mid pole →
→ Road
- greasewood dry
- elsp, hoju, juba
sc waxy look, dry now
- disp flat, sc juba
clumps, haloxylon, bg dry
- juba dry
Road →

U6 T39 N-S

cows have been in area

N to mid dry 100%

- electri fence → - mix: disp, lila, sc greasewood, juba @ N end (dry)
- disp, patches juba
- juba, elsp, caux sp.
- as you move hoju, caux increase (pockets of disp)
- mid pole → ~~greasewood dry~~ (dry now, was wet)

20 June 01, June transects, Stone

"upland" areas between levees, SC = scattered

U7 T5B, S-N

53: S to mid - all upland/borrow have H₂O

N: H₂O in borrow

- H₂O in 1st

southern "upland" area, 2-3-4" Ems looks great
(i.e., robust, tall)
- juba 2^{1/2}-3^{1/2}, elsp, DC tyla

- 2nd upland (100% has H₂O from 1" to 4")

South end: mix of spec: juba, thistle, chenopod

N end: juba (more robust, taller + more dominant), hoju, elsp

mid pole - (mid pole to small "levee" that runs W to Parking A. 6)

- disp flats w/ scattered by patches, some by is.
flooded (1-2^{1/2}") - dry in May clumps of juba @ N end
↑ shorebird use Aman, wph, Kill, BNST. Water shouldn't
get much deeper or disp completely flooded

- H₂O in

small levee to road:

- disp flats @ S end have areas of 1-3" H₂O, ↑ use by
shorebirds but prob shouldn't get deeper (flood out disp)

- series pond deeper than May, deepest point - above waist ~2"

U6 T51

N - greasewood/disp

• juba, elsp, 2" H₂O (juba @ 2-3ft) [A ^{Block} ~~strip~~ strip of juba is
developing from T51 west]

• tyla strip + canal

U7 T51 - H₂O in series pond, pond S edge disp + SC greasewood

- small canal
- greasewood

- 1st upland - where T goes thru: dead greasew. elsp 2-3" H₂O, further S into
upland has strip of tyla + then juba

- 2nd upland: 100% sw (1-3")
where T goes: elap, juba + clumps tyla. Further south juba dominant @ ~2-3ft. N end of upland tyla + dead greasewood increase
Kill Amar

3rd "upland" (100% has sw)

elap, juba, hoyu ~~strip~~ strip of tyla, sc lila towards levee (S end of T as it goes thru 3rd upland)
↑ dy activity ^{by} of BNst

4th upland (100% has sw)

juba, elap, sc tyla

U7 T 49 S-N mid pole has \diamond versus \square

1st upland (T only crosses small area @ S) but from levee can see: ^{55%} ~~60% elap, juba tyla, is sw flooded ~2-4"
Amar, yhbb, Kill on levee~~

2nd upland (all has sw)

juba (some as high as 3 1/2 ft), elap ~1ft. Ems dense (1° this yrs growth) N end of upland has 1° dead greasewood

3rd upland: elap, juba (2ft), tyla. (All sw flooded)

4th upland: elap, tyla, dead greasewood, clumps 3-3 1/2 ft juba All has H2O.

5th : where T is: old greasewood + ng tyla, further s: tyla (one monotypic stand of ng tyla) - south of tyla looks like 1° juba.
dike →

greasewood w/ sw, H2O in small levee W of road that goes to PA

road → greasewood dry until edge of series pond

series pond + road → dry greasewood

(Unit 6)

- sw 1-3", ~~juba~~ juba, cone (last 75 yards of T)

22 June 01

sw = shallow H₂O usu 1-3"
sc = scattered

U18 T89 N-S (15% wet - @ S end)

- strips of tyla alternated w/ juba, cane, sc lela, sc big carex species
(juba ~ $\frac{3}{4}$ - $\frac{4}{8}$ ft tall) some areas have sw 1-3"
many are saturated but no standing H₂O. Most of H₂O occurs under tyla patches (~3-4 tyla strips)

- juba, cane, sc lela (juba not seeded, less robust + dry
taller than @ S. end, ~2-3ft) (~100-125 yards)
Juba

- clasp patches, big patches, w/in clasp patches isolated clumps of juba +
lela (some patches ie 60% juba + 40% lela) dry

- as you move N (ie 1/8 mile S of levee/dike road)
juba patches are 60% lela 40% juba. 2) clasp (little to lela) dry

T91 N-S

N- lela 70%, juba 60%, sc curly dock dry
clasp (~70 yards) dry
lela 50%, juba 50% (3ft) sc mint

o tyla (N end has ↑ juba 3-4 ft) dry

2002 (can we keep this hab type wet thru June?)

in tyla stand: 90% 85% has 1-2" H₂O
tyla extends S to "ridge"

o clasp, greasewood

o strip of ems (juba, clasp, mint, sc lela) running parallel
to Empire Canal Road ~25 yards wide / dry

T93 S-N

- strip ems dry
midpole → clasp, greasewood dry (S to midpole)
- juba ~20 yards "(to ridge) + N ~25 yards dry

21 June 01, Stone, June Transects

sc = scattered

U2 T81 S-N

S tyla 1-3"
mid juba 1-3"

(N levee of U2 ↑ lala)
but some portions are 100% desp -
why 100% lala in some + 100% desp in others?

North elsp, sc juba, sc lala (↑ @ N) dry

wetlands on private land to N of U2N boundary have H₂O-
flooded ems + standing open H₂O @ ~ T 79

U2 T77 N-S ~70% of T has H₂O (from 1-4^{ft}, mostly 2-3")

N: juba (other ems) 1-3" H₂O until 1/2 utility poles on SE (1st
pole @ PA) (~40% of ~~that~~ T ems + SW)

middle: tyla strip w/ H₂O @ 4" - 3 1/2 feet

• strip of juba w/ 1-2"

• desp w/ eg slender spider flower.

U8 T77 100% dry

U11 T129 S-N (95% dry)

- dry from S until 1st small canal

- water in a small pond (low depression) (N of small canal)

~ 70 yards, H₂O ~ 2 1/2 ft

- dry again until eye canal - H₂O in it.

N pole →

U8 T79

S: • juba + other ems

• deep (ponds / bog areas to ~~west~~ ^{east} of T79 are dry)

↑ patches of "big carex species" are yellow/stressed

@ N end yellow/dead big carex species + deep

S to mid pole 100% dry, no H₂O in small canals

mid pole →

from mid pole to 1st small canal (which is now dry): 100% dry,

95% of veg is dead (last years or this yr's chenopods/annuals?)

Some bog ~ 30

veg 70 (95% of it is dead, some patches of ng hoju)

N of small canal (+ west): large patches of "big carex sp" that are yellow/stressed now (dry).

mid to N: 100% dry, N end has deep (log slender spid. flow) + greasewood, from canal to N pole 1° dead annual (log?), bog, patches dead big carex sp.

U2 T79 S-N (+ ~ 80% has sw), juba/ems area to N has sw

- H₂O begins @ ~ 2nd utility pole on SE (1st pole @ PA) + extends

juba N to 3rd pole, depth 1" - 2 1/2 ft

juba @ N+S edges of H₂O, most of area currently flooded has "big carex spec", pockets bulrush + strip of tyla

- juba (+ ems) areas N of 3rd utility pole 90% has sw

U2 T81 N-S

95% wet, ems @ N end (1° juba), Ng tyla in ^{south} middle, ems @

South

U6 T33 N-S

21 June 01

N - mid (90% juba (1-4ft)) ^{1/2} 100% dry

- Juba (some [esp @ N] as tall as 3ft), cane, height of juba ↓ as you move south (dry)

- strip of disp / greasewood

- juba (3-4ft), cane dry

- disp @ pole

mid pole →

mid to south (80% juba 1 1/2 - 3 1/2 ft tall)

- disp (~100 yards)

- strip juba (50 yards)

- disp (75 yards)

- juba w/ cane, sc joju

- disp

- juba, sc cane

U6 T35 S-N

S to mid: ~80% juba (2-3 1/2 ft) ^{+ ems plants} dry

U6 T37

N to mid = ems habitat w/in ~ ~~85~~ 90%, 1° juba dry now
mid to s: juba ^{ems} @ North + south ends, large patch of joju in middle. dry

33, 35, 37 - I've never (last 3 yrs) seen such ems habitat in U6 esp 33-37 as this June. Tall, dense. 2002 if we can flood in early March-April may have 1 opp for nesting ducks.

22 June 01 cont

U18, T93 cont (dry, ^{100%} areas of saturated soil (under tyla 1°)

after ridge + 25 yds of greaswd + 20 yards juba (dry:

- tyla patches interspersed w/ strips/patches (~10-20 yds) of juba, cane
- sc curly dock (Fms areas dry)

tyla areas: soil saturated but no standing h₂O.

- juba w/ patches of tyla

- disp patch, sc slender spider flower (og), patches of juba
hoju @ S. ~ 70 yards

- juba 60% lelea 40%

N pole → - disp, sc greasewood

(~ 1/10 mile south of N Post 93)

U18 93 95 S. N-S (100% dry)

- intermixed patches of a) juba + lelea b) bg c) disp/Bg Dry

"Big clump" @ perimeter of tyla

under tyla is dry, Ng of tyla along this T isnt

very dense nor tall, og tyla more prominent than Ng

(due to H₂O timing (leaving)

tyla @ S interspersed w/ strips of fms (juba + cane)

- Cane ²⁰/~~30~~ yards

- juba ~ ³⁵/~~40~~ 50 yards

- disp of greasewood, disp, bg (alkali) - 50 yds

- band of lelea (~40m)

- greasewood, disp, bg

Mid pole → ↓

S pole →

in ~ middle of greasewood patch there is sc lelea, why lelea in this " " + Not others like u11, 5, 6?

22 June 01, Stone, June transects

U18 T97

S: - Ems: 1° juba.

sc lela ^{1-3"} ↑ @ N end of ^{Ems} area

~~→ Ems: juba increasing lela dry~~

- mix: disp, elsp (juba @ south) lela dry
- (dry) - mix - disp, sc juba, lela, sc elsp dry
- greasewood, bg, sclla just S of mid pole and continuing N of mid pole for ~ 50-70 yards

(will Du wetland project in U18 reach mid to Spole T97?)
• vdr + post, bhun C + N pole of T97, closer to mid pole)
_{Enter}

- Ems: 1° juba (a) ~ 3-4½ ft), ~~sc~~ strip of cane, sc lela DRY
pockets of tyla + further N in Ems strips/bands of tyla

[need Project to maintain sw + Ems in U18 in thru June?]

U18 T99 N-S
from mid pole to N pole: 75% is Ems but dry. Need H₂O in this area thru June.

~70% of area from N to mid
→ N • disp, hoju, big carex spec, clumps juba 1-3"
• juba (3-4 ft) strips of tyla interspersed, elsp dry
interspersed strips of hoju, elsp

mid pole → disp, greasewood, dry
→ greasewood, disp, dry

• ~~juba, lela~~ pockets of: juba, bg, disp (juba dry)
pockets have lela, ^{sr} pockets of hoju + elsp. dry
Now but wet in May

- juba, big carex species + small pond area ↑ bird
- juba, sc greasewood, composite (dry) east 100 yds
Southern

Units 5+11: dry except H₂O in large canals

25 June 01
U11 T141

H₂O in large canals not ϕ water on vegetation or
T141 U11 - blun canals.
T141 U5 = 100% dry

S-mid 100% dry. ~~Juba Hoju/elsp @ N end~~

- hoju, elsp, lela from mid pole south for ~100 yards (dry now)
- @ S end : hoju elsp
middle : greasewood + disp. \uparrow sparrow activity.

mid pole \rightarrow juba (3ft) clumps w/ lela, bg areas, patches elsp (dry)
(wiph)

- further N disp patches + patches of solid lela, sc greasewood
sc forb, sc juba (dry)
- juba

small ditch
no H₂O

canal \rightarrow
has H₂O

- care, sc juba, patches of Timothy-like, patches lela

U11 T139 (see May notes for veg communities)

H₂O in large ~~canals~~ canals, water in small "pond" to the in + w
immediate W of T139, H₂O decreasing but present

dry

patterns of juba, disp, hoju, buxton
- greasewood @ N end

18 June 2001 K. Crowder

U20 T21

I was confused about this in ~~the~~ May, how the start (W) T post for 21 seemed to be in Unit 14, & now I'm wondering if I need to start there. The post is just S of the Auto Tour Route & looks like it wouldn't be walked(?) due to a farm field dir. N of it. I thought U20 started at the road running E/W - lined w/ T posts. I'm starting on the road where I think T21 N should be.



Completely dry.

T23

Completely dry.

T25 & 27, T29 & 31

Dry

U21 T37

~~mid post missing~~

19 June 2001 K. Crowder

Unit 23

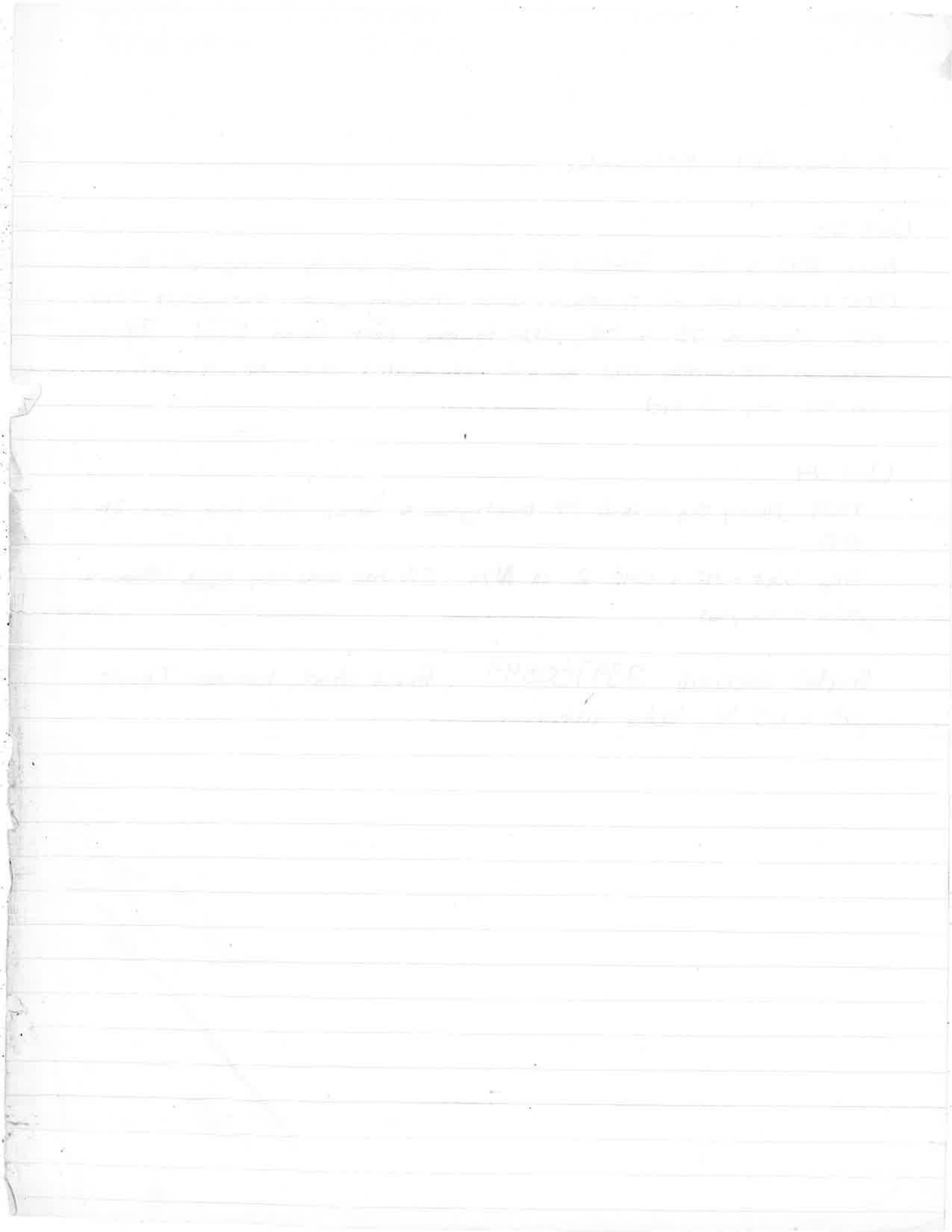
Mostly EMS & Disp. Patches of Save. Very weedy compared to other Units - lots of Thistle. Some standing water throughout Unit, esp. transects 73 & 75, less to none near farm field. Riparian area on T81 also has a lot of water due to a well on the very S end.

Unit 24

T109 Mostly dry - N $\frac{1}{2}$ w/ bunchgrass & Save, S $\frac{1}{2}$ has some SW & EMS

T111 Wet - MF & EMS for all ~~N~~ $\frac{1}{2}$, S $\frac{1}{2}$ has some very thick Save & some bunchgrass

Banded Gadwall 239760844 found dead between Tposts
113 & 115 N, looks eaten



6/21/01

U9T97⁵/₂ - Water in middle portion of ⁹/₂ is over 1 ft. deep
Cattails getting thick and many over 7' tall. Hard to
keep centerline bc cattail are so thick/tall.

* - No sign on middle 97 post

U9797¹/₂ - Water \approx 9'-12" lots of cattail coming in

6/22/01

- U18 T105 5/2 - Excellent Terns community here!!

- water depth is ~2" "perfect"

- Nests in Bulrush on N. edge were all empty

- some dead birds adult and young

* May be the same birds reusing on S. end

6/21/01

Kelli,

Started Unit 9 E to W from T107, ~~from~~ thru T93 today. Very few nests (3) but excellent cover water may be too deep @ Western Transects.

- I'll be walking tomorrow from T91 → west I should finish up U9 and half of 18. If you, Kristina etc... are looking for mop-up you can start on U18 E → W as I'll be going west to east this time, if not I'll catch it Sat or Monday morning.
- A couple of May nests weren't terminated yet and will require a third visit. I filed those forms along w/ June nests instead of May ones, at this.

RON

8-11

Handwritten scribbles and faint lines across the middle of the page.

H₂O Issues from transects
(ETC)

May 2001
transects

- Issue of flooding greasewood/disp
When? what locations, time of year
 - is there a need to flood it just long enough to kill it
but not long enough to sustain new ems community -
Need to be able to commit to H₂O ~~plan~~ long term
- ? all the H₂O flowing off refuge in Rock Creek (@ 11 + 45) can
we use any of it? How much do we have to have flow thru?
- Examine next transect data
(fall-winter)
 - summary to staff
 - how to use
 - how to modify if NEC
- use hab map when developing H₂O mgmt plan
for ^{type} amount of hab providing

^{seems} Very difficult to have juvs (dense) + H₂O ... i.e., right conditions
for nesting ducks @ the same time. Find one or the other

H₂O Mgmt

should think about: if we use H₂O early & get juvs
started but can't provide H₂O later (i.e., mid May) for
Burd use should we provide the early H₂O in the first
place, is it wasted? Something started but not finished?

- Series pond in U7 really low, ↑ mudflat showing
(T47)

- Why are we flooding greasewood @ mid U7 T49
· water too valuable for that area (for save)
(SW of parking area #1)

- U6
too full?

- Maintaining H₂O
Units 8, 17, 18, 9, 7, 1



UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

ALAMOSA/MONTE VISTA NATIONAL WILDLIFE REFUGE
9383 El Rancho Lane
Alamosa, Colorado 81101

Memorandum

January 03, 2001

To: Participants of the 42nd Monte Vista NWR Christmas Bird Count (2000)

From: R. Garcia, Monte Vista NWR Christmas Bird Count Compiler

Subject: Results of 42nd Monte Vista NWR Christmas Bird Count

Thank you all for your effort on the 2000 count. During this count 8 participants spent approximately 18 party hours and covered over 150 miles. Weather conditions during the day were favorable with sunny skies and temperatures ranging from 5° F to a relatively warm 38° F.. Coverage of the count circle was moderate with participants dividing into two teams.

We ended up with 53 species documented, tying with the 1999 count as the third highest count in the history of this event. This effort was third only to 1997, which yielded 56 species, and 1995's effort when a whopping 63 species were documented. During this years event, 10 species had a record number of individuals documented, one (Eurasian-collared dove) was documented for the first time in the history of this count (42 years).

Other highlights of the event included; the 2nd sighting of a Northern Goshawk on this count, Record high of 4 merlins documented, and the 10,000 mallards on the Monte Vista Refuge.

The following is a summary list of species and individual numbers of each that were documented during the 2000 event:

Great Blue Heron	- 6	<i>Eur.-Collared Dove</i>	- 2	Townsend's Solitaire	- 2
Canada Geese	- 145	Mourning Dove	- 3	European Starling	- 718
Mallard	-10,076	Rock Dove	- 45	Song Sparrow	- 25
Gadwall	- 1	Great-horned Owl	- 4	American Tree Sparrow	- 15
Green-Winged Teal	- 5	Belted Kingfisher	- 4	Dark-eyed Junco-	- 92
Northern Pintail	- 100	Northern Flicker	- 2	Western Meadowlark	- 7
American Wigeon	- 1	Downy Woodpecker	- 1	Red-winged Blackbird	- 948
Killdeer	- 2	Hairy Woodpecker	- 3	Brewer's Blackbird	- 2
Common Snipe	- 1	Horned Lark	- 98	Common Grackle	- 14
Golden Eagle	- 1	Eastern Bluejay	- 2	Great-Tailed Grackle	- 50
Bald Eagle	- 19	Black-billed Magpie	- 101	House Sparrow	- 570
Northern Goshawk	- 1	American Crow	- 3	American Goldfinch	- 6
Northern Harrier	- 20	Common Raven	- 89	House Finch	- 214
Red-tailed Hawk	- 15	Black-capped Chickadee	- 8		
Rough-legged Hawk	- 22	Mountain Chickadee	- 25		
Ferruginous Hawk	- 3	Brown Creeper	- 3		
Merlin	- 4	White-breasted Nuthatch	- 3		
American Kestrel	- 13	Red-breasted Nuthatch	- 1		
Prairie Falcon	- 4	Marsh Wren	- 3		
Ring-necked Pheasant	- 5	Bewick's Wren	- 2		

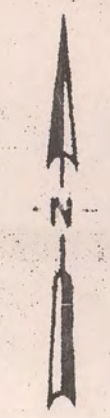
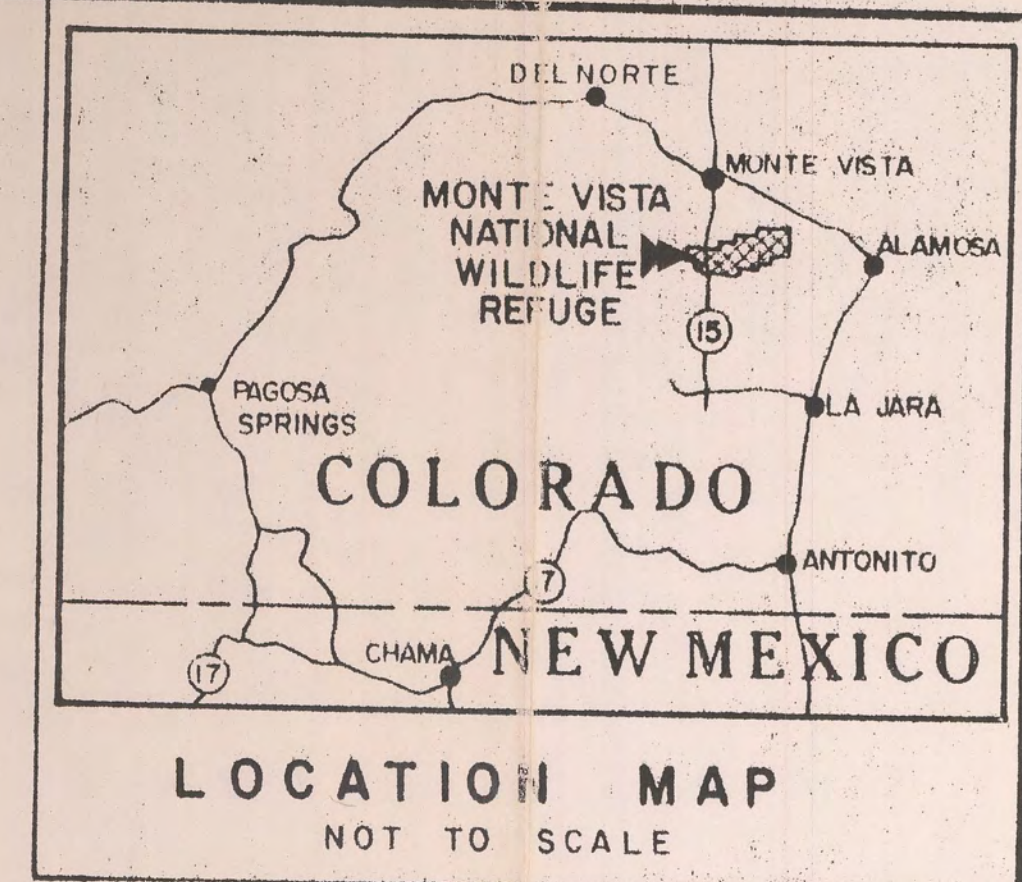
Total 53 Species and 13,501 Individuals

Bold - Species with record numbers of individuals documented on this count.
Italics- Species documented for the first time in the history of this count.

Alamosa/Monte Vista NWR
9383 El Rancho Lane
Alamosa, CO 81101

2001 MVNWR Duck Nest Transects
 Active Duck Nest Locations (55) ⁵⁹
 Active June Duck Nest Locations (in Red)

May duck nests - (in green)

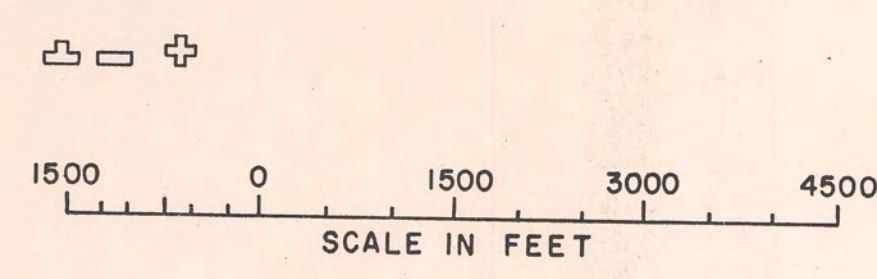
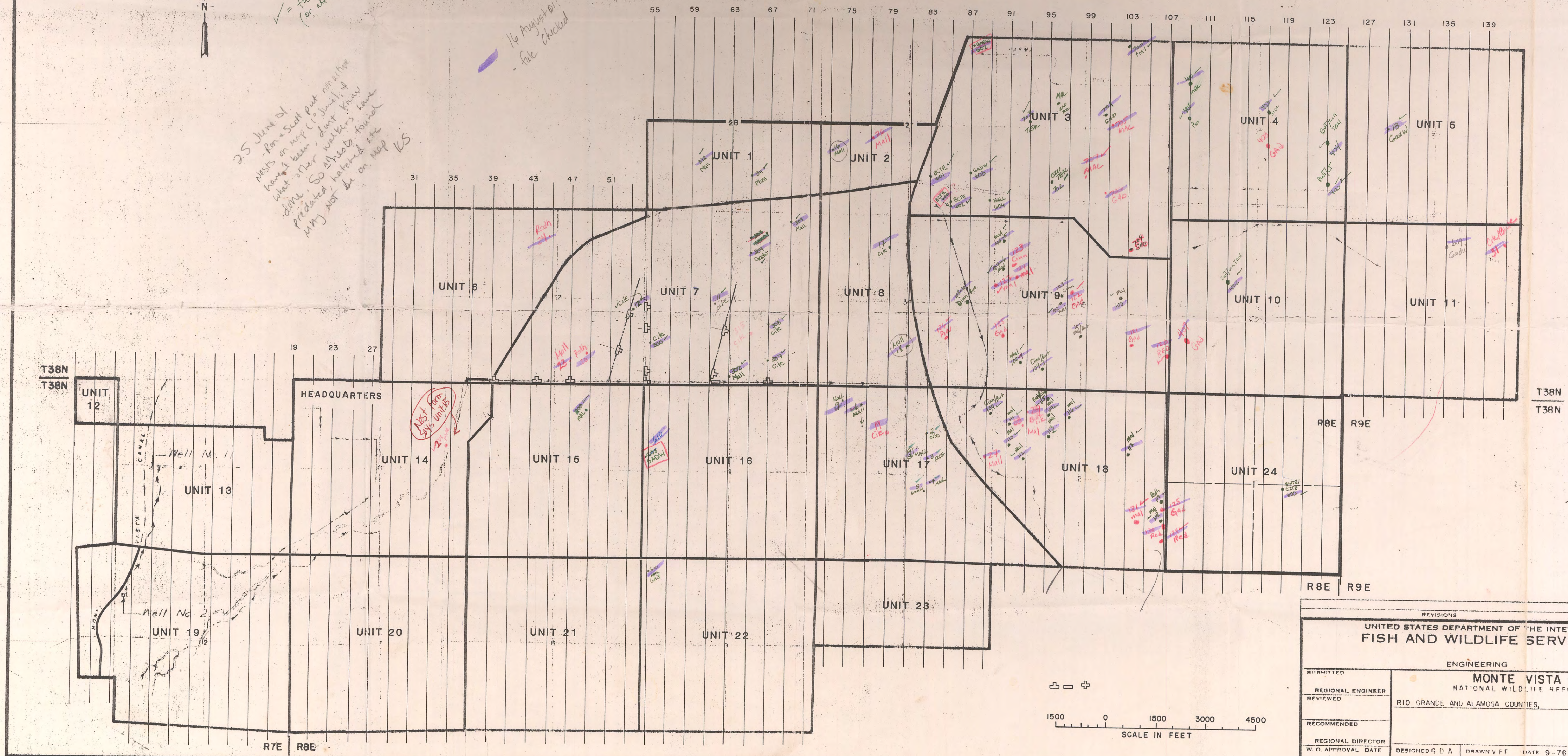


✓ = fake checked (or attempted)

circled = still active after June walk

16 August 01 - fake checked

25 June 01
 Nests on map (10 June) of
 what other walkers have
 done. 50 All nests found
 predicted location etc
 why not be on map
 KS



REVISIONS		4-25	RJS
		DATE	DRAWN
UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE			
ENGINEERING			
MONTE VISTA NATIONAL WILDLIFE REFUGE			
REGIONAL ENGINEER		RIO GRANDE AND ALAMOSA COUNTIES, COLORADO	
REVIEWED			
RECOMMENDED			
REGIONAL DIRECTOR			
W.O. APPROVAL DATE		DESIGNED G.D.A.	DRAWN V.F.F.
		DATE 9-76	CHECKED
DENVER, COLORADO		DRAWING NO.	

Thank You for walking transects!