

This data was gathered as outlined in Ray Anderson's Frog Inventory for Wisconsin. The map and directions give approximate breeding areas. These will change with the drainage patterns and climate at Schmeeckle Reserve. The areas indicated are not the only areas being utilized for breeding. Other areas, especially north of the lake, were not censused.

This data is by no means complete. It is meant to be a start for later censusing of the Reserve's frog population. It will take several years to gather the baseline data for future studies.

I would suggest censusing the areas on the north side of the Reserve, adjacent to Sentry golf course, for spring 1982 as this area will be most subject to impact from Sentry activities.

Gerry Shimek

1981

Pgs. 1-3, TIMES ARE IN C.S.T.

## Site 1 - Pond E. of Michigan Ave., N. of Maria Dr.

7 April

1520 Hrs.

Overcast

Air temp. 14°C

Water temp. 14°C

Wood frogs

level 2

16 April

0040 Hrs.

Clear skies

Air temp. 4.5°C

Water temp. 11°C

Wood frogs

level 1

18 April

2000 Hrs.

Overcast

Water temp. 16°C

S. peepers

level 1

Wood frogs

level 1

American Toad

level 2

17 April

1900 Hrs.

Water temp. 13°C

Spring Peepers

level 1

Wood frogs

level 1

Chorus frogs

level 1

American Toad

level 1

## Site 2 - Approx. 80 yds. from trail, heading 40°.

7 April

1605 Hrs.

Overcast with rain

Air temp. 15°C

Chorus frogs

level 1

Wood frogs

level 3

Spring Peepers

level 3

15 April

2345 Hrs.

Clear

Air temp. 15°C

Water temp. 9°C

Spring Peepers

level 2

Wood frogs

level 1

Chorus frogs

level 1

## Site 3 - Approx. 100 yds. N. of E. end of boardwalk.

7 April

1625 Hrs.

Overcast

Air temp. 13°C

Water temp. 9°C

Wood Frogs

level 1

## Site 4 - 60 yds N. of last (N) post at the N. entrance to lake on Michigan

Ave., E. of Michigan Ave. approx. 25 yds. (N. OF OUTLET APPROX. 10 YDS.)

7 April

1655 Hrs.

Rain

Air temp. 10°C

Water temp. 10°C

Wood Frogs

level 1

## Site 4 - continued

16 April

0020 Hrs.

Clear

Air temp. 4°C

Water temp. 7°C

Wood Frogs level 1

Chorus Frogs level 1

Spring Peepers level 1

## Site 5 - Boardwalk W. of Michigan Ave.

8 April

1730 Hrs.

Overcast

Air temp. 7.5°C

Water temp. 4.5°C

Chorus Frogs level 3

9 April

1820 Hrs.

Partly cloudy

Air temp. 11°C

Water temp. 7°C

Chorus Frogs level 3

Wood Frogs level 1

10 April

2000 Hrs.

Rain

Air temp. 15.5°C

Water temp. 9°C

Wood Frogs level 3

Chorus Frogs level 3

## Site 6 - Marsh area W. of parkway, approx. 30 yds. S. of large opening.

9 April

1755 Hrs.

Partly cloudy

Air temp. 15°C

Water temp. 11°C

Wood Frogs level 3

Chorus Frogs level 1

Spring Peeper level 2

Site 7 - 20 yds. <sup>S.</sup> of outlet, 240° to smokestack on George Stein Bldg.

9 April

1835 Hrs.

Partly cloudy

Air temp. 12°C

Water temp. 10.5°C

Chorus Frog level 1

Wood Frog level 1

10 April

2010 Hrs.

Rain

Air temp. 15°C

Water temp. 14°C

Wood Frogs level 3

Chorus Frogs level 1

Spring Peepers level 2

## Site 8 - Pond on S. end of parkway.

10 April

1845 Hrs.

Overcast

Air temp. 20°C

Water temp. 13.5°C

Wood Frogs level 1

## Site 9 - Pond

10 April

1855 Hrs.

Light rain

Air temp. 17°C

Water temp. 16°C

Chorus Frogs

level 2

Wood Frogs

level 1

Spring Peepers

level 3

## Site 10 - Potholes

10 April

1935 Hrs.

Light rain

Air temp. 16°C

Water temp. 12°C

Wood Frogs

level 2

Spring Peepers

level 1

17 April

2030 Hrs.

Light rain

Water temp. 11°C

Wood Frogs

level 2

Spring Peepers

level 1

## Site 11 - 30 yds. W. of Fitness Area

10 April

2030 Hrs.

Overcast

Air temp. 14.5°C

Water temp. 12°C

Wood Frogs

level 3

The following times are D.S.T.

Site 1

27 April		
2030 Hrs.	American Toad	Level 2
Overcast and windy	Spring Peepers	Level 1
Water temp. ?		

Site 2

24 April		
2035 Hrs.	Spring Peepers	Level 2
Water temp. 7.5°C		

27 April		
1955 Hrs.	Chorus frogs	Level 1
Water temp. 13°C	Spring Peepers	Level 3

14 May		
2135 Hrs.	Spring Peepers	Level 2
Water temp. 14°C		

Site 4

24 April		
1945 Hrs.	Chorus frogs	Level 1
Water temp. 6.5°C		

25 June		
2015 Hrs.	Chorus frogs	Level 1
Air temp. 19.5°C	Gray tree frog	Level 1
Water temp. 18°C		

Site 5

24 April		
1950 Hrs.	Spring Peepers	Level 1
Water temp. 6°C	Chorus frogs	Level 2

14 May		
2055 Hrs.	Spring Peepers	Level 2
Water temp. 13°C	Chorus frogs	Level 1

Site 6

24 April		
2010 Hrs.	Chorus frogs	Level 1
Water temp. 6°C	Spring Peepers	Level 2
	Wood frogs (distant)	Level 1

14 May		
2030 Hrs.	Chorus frogs	Level 1
Water temp. 14°C	Spring Peepers	Level 3

Site 6 continued.

25 June  
2300 Hrs. Gray tree frog Level 1  
Air temp. 15°C  
Water temp. 21°C

Site 7

24 April  
1940 Hrs. Spring Peeper Level 2  
Air temp 9°C Chorus frogs Level 1  
Water temp. 8°C

14 May  
2100 Hrs. Spring Peepers Level 2  
Water temp. 15°C Chorus frogs Level 1

Site 9

24 April  
2000 Hrs. Spring Peeper Level 2  
Water temp. 9°C Chorus frogs Level 2

14 May  
2020 Hrs. Spring Peeper (distant) Level 1  
Water temp. 20°C

Site 12 - Lake shoreline off end of wetland trail

14 May  
2125 Hrs. American Toad Level 2  
Water temp 11°C

Site 13 - Boulderred shoreline at NE side of lake

14 May  
2145 Hrs. American Toad Level 3  
Water temp. 14°C

Site 14 - Cattailed area at E. side of lake.

14 May  
2150 Hrs. American Toad Level 3  
Water temp. 14°C