

LONG ISLAND COMPLEX NWR
Point Count Species Abundance and Frequency

Census Group: ANURAN
Route Name : Wertheim West Anuran
Total Points Along Route: 1

Census Date: 06/15/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Green frog	1	100.00 %	1.00	1	100.00 %
Total Observed on Route	1			1	

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

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Census Group: ANURAN
Route Name : Wertheim West Anuran
Total Points Along Route: 3

Census Date: 07/18/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Green frog	3	75.00 %	1.00	3	100.00 %
Bullfrog	1	25.00 %	0.33	1	33.33 %
Total Observed on Route	4			3	

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

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Census Group: ANURAN
Route Name : Wertheim East Anuran
Total Points Along Route: 5

Census Date: 05/06/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Spring peeper	14	35.90 %	2.80	6	120.00 %
Woodhouse's toad	12	30.77 %	2.40	4	80.00 %
Pickerel frog	9	23.08 %	1.80	5	100.00 %
Green frog	4	10.26 %	0.80	4	80.00 %
Total Observed on Route	39			5	

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

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Census Group: ANURAN Census Date: 05/05/2000
Route Name : Wertheim East Anuran Report Date: 06/25/2003
Total Points Along Route: 7

Count Period: Sum All Times Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Spring peeper	12	57.14 %	1.71	5	71.43 %
Woodhouse's toad	5	23.81 %	0.71	4	57.14 %
Green frog	2	9.52 %	0.29	2	28.57 %
Pickerel frog	2	9.52 %	0.29	2	28.57 %
Total Observed on Route					7

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

LONG ISLAND COMPLEX NWR
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Census Group: ANURAN Census Date: 05/06/2000
Route Name : Wertheim West Anuran Report Date: 06/25/2003
Total Points Along Route: 7

Count Period: Sum All Times Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Spring peeper	15	62.50 %	2.14	7	100.00 %
Woodhouse's toad	9	37.50 %	1.29	4	57.14 %
Total Observed on Route	24			7	

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

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Census Group: ANURAN
Route Name : Wertheim East Anuran
Total Points Along Route: 9

Census Date: 06/10/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Green frog	12	50.00 %	1.33	8	88.89 %
Woodhouse's toad	8	33.33 %	0.89	6	66.67 %
Spring peeper	2	8.33 %	0.22	2	22.22 %
Pickerel frog	2	8.33 %	0.22	2	22.22 %
Total Observed on Route	24			9	

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

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Census Group: ANURAN
Route Name : Wertheim East Anuran
Total Points Along Route: 11

Census Date: 06/10/2000 To 07/17/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Green frog	24	60.00 %	2.18	19	172.73 %
Woodhouse's toad	8	20.00 %	0.73	6	54.55 %
Bullfrog	4	10.00 %	0.36	4	36.36 %
Spring peeper	2	5.00 %	0.18	2	18.18 %
Pickerel frog	2	5.00 %	0.18	2	18.18 %
Total Observed on Route					11

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

LONG ISLAND COMPLEX NWR
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Census Group: ANURAN
Route Name : Wertheim East Anuran
Total Points Along Route: 11

Census Date: 07/17/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Green frog	12	75.00 %	1.09	11	100.00 %
Bullfrog	4	25.00 %	0.36	4	36.36 %
Total Observed on Route	16			11	

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.

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Census Group: ANURAN
Route Name : Wertheim East Anuran
Total Points Along Route: 12

Census Date: 05/05/2000 To 05/06/2000
Report Date: 06/25/2003

Count Period: Sum All Times

Count Radius: Sum All Radii

Species	Total Observed	Relative Abundance	Ave Point	# Points Observed	Frequency
Spring peeper	26	43.33 %	2.17	11	91.67 %
Woodhouse's toad	17	28.33 %	1.42	8	66.67 %
Pickerel frog	11	18.33 %	0.92	7	58.33 %
Green frog	6	10.00 %	0.50	6	50.00 %
Total Observed on Route					12

Relative Abundance = Total of Species / Total of All Species

Ave Point = Average number individuals of species per point.

Points Observed = Number of Points Species Was Observed.

Frequency = Number Points Species Observed / Number Points Surveyed.