

**Shenandoah Audubon Bluebird Trail at Blandy Experimental Farm
Data Comparisons for Years 2004 – 2010**

Eastern Bluebird – *Sialia sialis*

Year	2004	2005	2006	2007	2008	2009	2010	Seven-Year Totals
First Egg Date	3 April	11 April	6 April	16 April	11 April	7 April	7 April	
Nesting Attempts	43	52	69	89	80	72	31	436
Eggs Laid	191	235	298	346	344	286	134	1834
Eggs Lost	50	86	57	147	72	48	26	486
Unhatched Eggs							5	
Nestlings	141	149	241	199	272	231	103	1336
Nestlings Lost	12	33	20	28	47	26	6	172
Fledged	129	116	221	171	225	205	97	1164
Fecundity	67.5%	49.4%	74.2%	49.4%	65.4%	71.6%	72.4%	Overall 63.5%

Tree Swallow – *Tachycineta bicolor*

Year	2004	2005	2006	2007	2008	2009	2010	Seven-Year Totals
First Egg Date	6 May	20 April	26 April	4 May	21 April	23 April	27 April	
Nesting Attempts	65	79	54	55	56	69	90	468
Eggs Laid	346	429	256	276	262	349	433	2351
Eggs Lost	56	161	69	110	65	64	90	615
Unhatched Eggs							6	
Nestlings	290	268	187	166	197	279	337	1724
Nestlings Lost	5	94	7	17	8	24	28	183
Fledged	285	174	180	149	189	255	309	1541
Fecundity	82.3%	40.5%	70.3%	54.0%	72.13%	73.1%	71.4%	Overall 65.5%

House Wren - *Troglodytes aedon*

Year	2004	2005	2006	2007	2008	2009	2010	Seven-Year Totals
First Egg Date	2 May	9 May	5 May	7 May	3 May	8 May	6 May	
Nesting Attempts	51	67	78	72	78	53	56	402
Eggs Laid	269	362	440	371	410	267	283	2135
Eggs Lost	95	122	115	178	86	53	45	642
Unhatched Eggs							6	
Nestlings	174	240	325	193	324	209	232	1488
Nestlings Lost	22	68	61	28	38	14	16	233
Fledged	152	172	264	165	286	196	216	1255
Fecundity	56.5%	47.5%	60.0%	44.5%	69.8%	73.4%	76.3%	58.8%

Fecundity (survivorship) = birds fledged/eggs laid x 100

Prepared 11/2010 by Kaycee Lichliter, Trail Manager

Tufted Titmouse – *Parus bicolar*

Year	2004	2005	2006	2007	2008	2009	2010	Seven-Year Totals
First Egg Date	N/A	N/A	20 April	N/A	N/A	N/A	N/A	
Nesting Attempts	0	0	1	0	0	0	0	1
Eggs Laid	0	0	3	0	0	0	0	3
Eggs Lost	0	0	3	0	0	0	0	3
Unhatched Eggs	0	0	0	0	0	0	0	0
Nestlings	0	0	0	0	0	0	0	0
Nestlings Lost	0	0	0	0	0	0	0	0
Fledged	0	0	0	0	0	0	0	0
Fecundity	0%	0%	0%	0%	0%	0%	0%	Overall 0%

Carolina Chickadee – *Poecile carolinensis*

Year	2004	2005	2006	2007	208	2009	2010	Seven-Year Totals
First Egg Date	2 May	22 April	12 April	25 April	29 April	30 April	17 April	
Nesting Attempts	1	2	3	1	1	1	3	12
Eggs Laid	1	13	17	5	5	2	18	61
Eggs Lost	1	4	14	5	1	2	4	31
Unhatched Eggs							0	
Nestlings	0	9	3	0	4	0	14	30
Nestlings Lost	0	0	3	0	4	0	0	7
Fledged	0	9	0	0	0	0	14	23
Fecundity	0%	69.2%	0%	0%	0%	0%	77.8%	Overall 37.8%

BAND DATA HISTORY – Eastern Bluebirds ONLY

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Totals
Adults USGS Banded	5	0	0	0	0	13	0	1-♀	0	0	18
Color-banded Adult males	0	0	0	0	0	4	0	0	0	0	4
Color-banded Adult females	0	0	0	0	0	9	0	0	0	0	9
Color-banded Hatchlings	0	0	0	0	0	0	94 <i>lt green</i>	205 <i>black</i>	148 <i>purple</i>	0	447
Hatchlings USGS Banded	77	120	30	105	113	215	94	205	158	0	1117

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