

APPENDIX 16.7
Breeding Bird Atlas and Field Survey Data

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NYS Breeding Bird Atlas



Block 5954A

1980-1985

Navigation Tools

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Block 5954A Summary

Total Species: 90
 Possible: 8
 Probable: 14
 Confirmed: 68

Click on column heading to sort by that category.

List of Species Breeding in Atlas Block 5954A

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Behavior Code</u> | <u>Date</u> | <u>NY Legal Status</u> |
|---------------------------------|---|----------------------|-------------|------------------------|
| Green Heron | <i>Butorides virescens</i> | <u>T2</u> | 1983 | <u>Protected</u> |
| Black-crowned Night-Heron | <i>Nycticorax nycticorax</i> | <u>X1</u> | 1981 | <u>Protected</u> |
| Turkey Vulture | <i>Cathartes aura</i> | <u>X1</u> | 1980 | <u>Protected</u> |
| Canada Goose | <i>Branta canadensis</i> | <u>NE</u> | 1980 | <u>Game Species</u> |
| Mute Swan | <i>Cygnus olor</i> | <u>NE</u> | 1980 | <u>Protected</u> |
| Wood Duck | <i>Aix sponsa</i> | <u>FL</u> | 1981 | <u>Game Species</u> |
| American Black Duck | <i>Anas rubripes</i> | <u>P2</u> | 1984 | <u>Game Species</u> |
| Mallard | <i>Anas platyrhynchos</i> | <u>FL</u> | 1980 | <u>Game Species</u> |
| Mallard x Am. Black Duck Hybrid | <i>Anas platyrhynchos x A. rubripes</i> | <u>X1</u> | 1985 | <u>Game Species</u> |
| Broad-winged Hawk | <i>Buteo platypterus</i> | <u>X1</u> | 1984 | <u>Protected</u> |
| Red-tailed Hawk | <i>Buteo jamaicensis</i> | <u>UN</u> | 1981 | <u>Protected</u> |

| | | | | |
|--------------------------|----------------------------------|-----------|------|---------------------|
| American Kestrel | <i>Falco sparverius</i> | <u>FL</u> | 1980 | <u>Protected</u> |
| Ring-necked Pheasant | <i>Phasianus colchicus</i> | <u>FL</u> | 1980 | <u>Game Species</u> |
| Ruffed Grouse | <i>Bonasa umbellus</i> | <u>FL</u> | 1980 | <u>Game Species</u> |
| Killdeer | <i>Charadrius vociferus</i> | <u>NY</u> | 1984 | <u>Protected</u> |
| Spotted Sandpiper | <i>Actitis macularia</i> | <u>D2</u> | 1980 | <u>Protected</u> |
| American Woodcock | <i>Scolopax minor</i> | <u>D2</u> | 1980 | <u>Game Species</u> |
| Rock Pigeon | <i>Columba livia</i> | <u>NE</u> | 1983 | <u>Unprotected</u> |
| Mourning Dove | <i>Zenaida macroura</i> | <u>FL</u> | 1980 | <u>Protected</u> |
| Black-billed Cuckoo | <i>Coccyzus erythrophthalmus</i> | <u>S2</u> | 1980 | <u>Protected</u> |
| Yellow-billed Cuckoo | <i>Coccyzus americanus</i> | <u>T2</u> | 1980 | <u>Protected</u> |
| Eastern Screech-Owl | <i>Megascops asio</i> | <u>S2</u> | 1984 | <u>Protected</u> |
| Great Horned Owl | <i>Bubo virginianus</i> | <u>FL</u> | 1984 | <u>Protected</u> |
| Barred Owl | <i>Strix varia</i> | <u>S2</u> | 1985 | <u>Protected</u> |
| Chimney Swift | <i>Chaetura pelagica</i> | <u>ON</u> | 1981 | <u>Protected</u> |
| Belted Kingfisher | <i>Ceryle alcyon</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Red-bellied Woodpecker | <i>Melanerpes carolinus</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| Downy Woodpecker | <i>Picoides pubescens</i> | <u>NY</u> | 1980 | <u>Protected</u> |
| Hairy Woodpecker | <i>Picoides villosus</i> | <u>FL</u> | 1980 | <u>Protected</u> |
| Northern Flicker | <i>Colaptes auratus</i> | <u>ON</u> | 1980 | <u>Protected</u> |
| Pileated Woodpecker | <i>Dryocopus pileatus</i> | <u>S2</u> | 1980 | <u>Protected</u> |
| Eastern Wood-Pewee | <i>Contopus virens</i> | <u>NY</u> | 1984 | <u>Protected</u> |
| Willow Flycatcher | <i>Empidonax traillii</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| Eastern Phoebe | <i>Sayornis phoebe</i> | <u>NE</u> | 1984 | <u>Protected</u> |
| Great Crested Flycatcher | <i>Myiarchus crinitus</i> | <u>D2</u> | 1980 | <u>Protected</u> |
| Eastern Kingbird | <i>Tyrannus tyrannus</i> | <u>NY</u> | 1983 | <u>Protected</u> |
| White-eyed Vireo | <i>Vireo griseus</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Yellow-throated Vireo | <i>Vireo flavifrons</i> | <u>X1</u> | 1984 | <u>Protected</u> |
| Warbling Vireo | <i>Vireo gilvus</i> | <u>NE</u> | 1980 | <u>Protected</u> |
| Red-eyed Vireo | <i>Vireo olivaceus</i> | <u>NY</u> | 1983 | <u>Protected</u> |
| Blue Jay | <i>Cyanocitta cristata</i> | <u>NY</u> | 1983 | <u>Protected</u> |

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|-------------------------------|-----------------------------------|-----------|------|---------------------|
| American Crow | <i>Corvus brachyrhynchos</i> | <u>FY</u> | 1980 | <u>Game Species</u> |
| Fish Crow | <i>Corvus ossifragus</i> | <u>S2</u> | 1984 | <u>Protected</u> |
| Tree Swallow | <i>Tachycineta bicolor</i> | <u>X1</u> | 1980 | <u>Protected</u> |
| Northern Rough-winged Swallow | <i>Stelgidopteryx serripennis</i> | <u>FY</u> | 1983 | <u>Protected</u> |
| Barn Swallow | <i>Hirundo rustica</i> | <u>NE</u> | 1983 | <u>Protected</u> |
| Black-capped Chickadee | <i>Poecile atricapillus</i> | <u>NY</u> | 1980 | <u>Protected</u> |
| Tufted Titmouse | <i>Baeolophus bicolor</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| White-breasted Nuthatch | <i>Sitta carolinensis</i> | <u>FY</u> | 1983 | <u>Protected</u> |
| Carolina Wren | <i>Thryothorus ludovicianus</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| House Wren | <i>Troglodytes aedon</i> | <u>NY</u> | 1980 | <u>Protected</u> |
| Eastern Bluebird | <i>Sialia sialis</i> | <u>X1</u> | 1985 | <u>Protected</u> |
| Veery | <i>Catharus fuscescens</i> | <u>FY</u> | 1981 | <u>Protected</u> |
| Wood Thrush | <i>Hylocichla mustelina</i> | <u>FL</u> | 1980 | <u>Protected</u> |
| American Robin | <i>Turdus migratorius</i> | <u>NE</u> | 1980 | <u>Protected</u> |
| Gray Catbird | <i>Dumetella carolinensis</i> | <u>NY</u> | 1981 | <u>Protected</u> |
| Northern Mockingbird | <i>Mimus polyglottos</i> | <u>NE</u> | 1985 | <u>Protected</u> |
| Brown Thrasher | <i>Toxostoma rufum</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| European Starling | <i>Sturnus vulgaris</i> | <u>NY</u> | 1980 | <u>Unprotected</u> |
| Cedar Waxwing | <i>Bombycilla cedrorum</i> | <u>NY</u> | 1985 | <u>Protected</u> |
| Blue-winged Warbler | <i>Vermivora pinus</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Yellow Warbler | <i>Dendroica petechia</i> | <u>NY</u> | 1983 | <u>Protected</u> |
| Chestnut-sided Warbler | <i>Dendroica pensylvanica</i> | <u>T2</u> | 1980 | <u>Protected</u> |
| Prairie Warbler | <i>Dendroica discolor</i> | <u>FY</u> | 1981 | <u>Protected</u> |
| Black-and-white Warbler | <i>Mniotilta varia</i> | <u>FY</u> | 1983 | <u>Protected</u> |
| American Redstart | <i>Setophaga ruticilla</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| Worm-eating Warbler | <i>Helminthos vermivorus</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Ovenbird | <i>Seiurus aurocapilla</i> | <u>FL</u> | 1983 | <u>Protected</u> |
| Kentucky Warbler | <i>Oporornis formosus</i> | <u>FY</u> | 1980 | <u>Protected</u> |

| | | | | |
|------------------------|--------------------------------|-----------|------|----------------------------------|
| Common Yellowthroat | <i>Geothlypis trichas</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Hooded Warbler | <i>Wilsonia citrina</i> | <u>X1</u> | 1984 | <u>Protected</u> |
| Yellow-breasted Chat | <i>Icteria virens</i> | <u>FY</u> | 1984 | <u>Protected-Special Concern</u> |
| Scarlet Tanager | <i>Piranga olivacea</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| Eastern Towhee | <i>Pipilo erythrophthalmus</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Chipping Sparrow | <i>Spizella passerina</i> | <u>FL</u> | 1980 | <u>Protected</u> |
| Field Sparrow | <i>Spizella pusilla</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| Song Sparrow | <i>Melospiza melodia</i> | <u>FY</u> | 1980 | <u>Protected</u> |
| Northern Cardinal | <i>Cardinalis cardinalis</i> | <u>NY</u> | 1984 | <u>Protected</u> |
| Rose-breasted Grosbeak | <i>Pheucticus ludovicianus</i> | <u>NE</u> | 1980 | <u>Protected</u> |
| Indigo Bunting | <i>Passerina cyanea</i> | <u>FY</u> | 1984 | <u>Protected</u> |
| Bobolink | <i>Dolichonyx oryzivorus</i> | <u>D2</u> | 1985 | <u>Protected</u> |
| Red-winged Blackbird | <i>Agelaius phoeniceus</i> | <u>NY</u> | 1980 | <u>Protected</u> |
| Eastern Meadowlark | <i>Sturnella magna</i> | <u>T2</u> | 1980 | <u>Protected</u> |
| Common Grackle | <i>Quiscalus quiscula</i> | <u>NE</u> | 1980 | <u>Protected</u> |
| Brown-headed Cowbird | <i>Molothrus ater</i> | <u>FL</u> | 1983 | <u>Protected</u> |
| Orchard Oriole | <i>Icterus spurius</i> | <u>NY</u> | 1985 | <u>Protected</u> |
| Baltimore Oriole | <i>Icterus galbula</i> | <u>NY</u> | 1980 | <u>Protected</u> |
| House Finch | <i>Carpodacus mexicanus</i> | <u>NE</u> | 1983 | <u>Protected</u> |
| American Goldfinch | <i>Carduelis tristis</i> | <u>NE</u> | 1984 | <u>Protected</u> |
| House Sparrow | <i>Passer domesticus</i> | <u>NY</u> | 1980 | <u>Unprotected</u> |

NYS Breeding Bird Atlas



Block 5954A

2000-2005

Navigation Tools

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Block 5954A Summary

Total Species: 77
Possible: 4
Probable: 22
Confirmed: 51

Click on column heading to sort by that category.

List of Species Breeding in Atlas Block 5954A

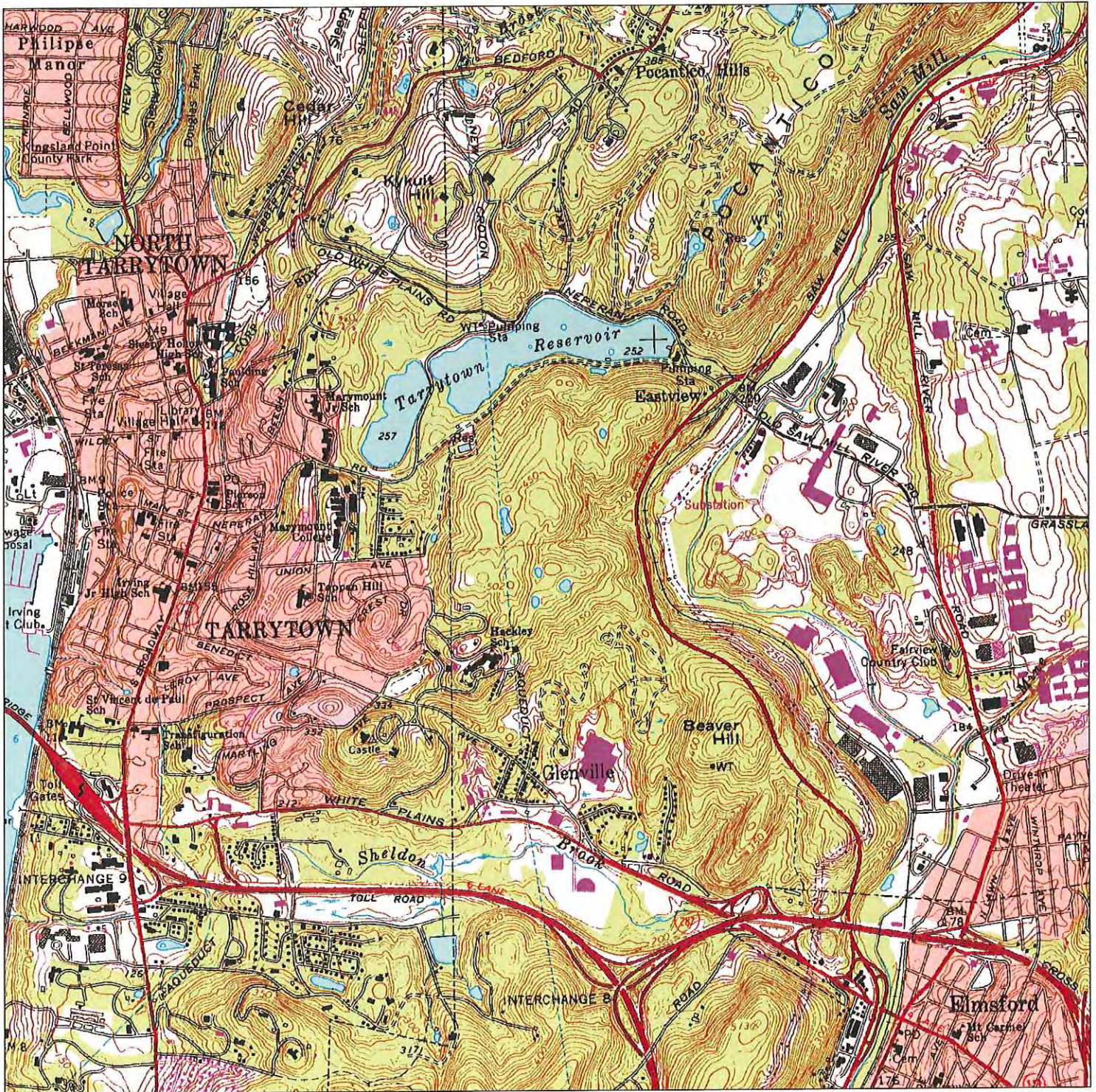
| <u>Common Name</u> | <u>Scientific Name</u> | <u>Behavior Code</u> | <u>Date</u> | <u>NY Legal Status</u> |
|---------------------------|------------------------------|----------------------|-------------|------------------------|
| Great Blue Heron | <i>Ardea herodias</i> | <u>X1</u> | 6/28/2000 | <u>Protected</u> |
| Green Heron | <i>Butorides virescens</i> | <u>P2</u> | 6/17/2000 | <u>Protected</u> |
| Black-crowned Night-Heron | <i>Nycticorax nycticorax</i> | <u>X1</u> | 6/4/2001 | <u>Protected</u> |
| Turkey Vulture | <i>Cathartes aura</i> | <u>X1</u> | 6/17/2000 | <u>Protected</u> |
| Canada Goose | <i>Branta canadensis</i> | <u>NE</u> | 4/20/2000 | <u>Game Species</u> |
| Mute Swan | <i>Cygnus olor</i> | <u>NE</u> | 6/9/2000 | <u>Protected</u> |
| Mallard | <i>Anas platyrhynchos</i> | <u>P2</u> | 6/9/2000 | <u>Game Species</u> |
| Red-tailed Hawk | <i>Buteo jamaicensis</i> | <u>FL</u> | 7/2/2001 | <u>Protected</u> |
| Ring-necked Pheasant | <i>Phasianus colchicus</i> | <u>X1</u> | 6/26/2000 | <u>Game Species</u> |
| Wild Turkey | <i>Meleagris gallopavo</i> | <u>D2</u> | 5/15/2000 | <u>Game Species</u> |
| Killdeer | <i>Charadrius vociferus</i> | <u>DD</u> | 6/14/2000 | <u>Protected</u> |

| | | | | |
|-------------------------------|-----------------------------------|-----------|-----------|---------------------|
| American Woodcock | <i>Scolopax minor</i> | <u>D2</u> | 6/30/2003 | <u>Game Species</u> |
| Rock Pigeon | <i>Columba livia</i> | <u>NY</u> | 5/1/2000 | <u>Unprotected</u> |
| Mourning Dove | <i>Zenaida macroura</i> | <u>FY</u> | 6/14/2000 | <u>Protected</u> |
| Eastern Screech-Owl | <i>Megascops asio</i> | <u>FL</u> | 6/14/2002 | <u>Protected</u> |
| Chimney Swift | <i>Chaetura pelagica</i> | <u>ON</u> | 6/18/2001 | <u>Protected</u> |
| Belted Kingfisher | <i>Ceryle alcyon</i> | <u>P2</u> | 6/28/2000 | <u>Protected</u> |
| Red-bellied Woodpecker | <i>Melanerpes carolinus</i> | <u>NY</u> | 6/14/2000 | <u>Protected</u> |
| Downy Woodpecker | <i>Picoides pubescens</i> | <u>FL</u> | 6/14/2000 | <u>Protected</u> |
| Hairy Woodpecker | <i>Picoides villosus</i> | <u>FL</u> | 7/2/2001 | <u>Protected</u> |
| Northern Flicker | <i>Colaptes auratus</i> | <u>FL</u> | 6/5/2000 | <u>Protected</u> |
| Eastern Wood-Pewee | <i>Contopus virens</i> | <u>FL</u> | 7/2/2001 | <u>Protected</u> |
| Willow Flycatcher | <i>Empidonax traillii</i> | <u>T2</u> | 6/28/2000 | <u>Protected</u> |
| Eastern Phoebe | <i>Sayornis phoebe</i> | <u>ON</u> | 6/26/2000 | <u>Protected</u> |
| Great Crested Flycatcher | <i>Myiarchus crinitus</i> | <u>S2</u> | 6/17/2000 | <u>Protected</u> |
| Eastern Kingbird | <i>Tyrannus tyrannus</i> | <u>T2</u> | 6/17/2000 | <u>Protected</u> |
| White-eyed Vireo | <i>Vireo griseus</i> | <u>FY</u> | 7/6/2000 | <u>Protected</u> |
| Yellow-throated Vireo | <i>Vireo flavifrons</i> | <u>D2</u> | 6/17/2000 | <u>Protected</u> |
| Warbling Vireo | <i>Vireo gilvus</i> | <u>T2</u> | 6/5/2000 | <u>Protected</u> |
| Red-eyed Vireo | <i>Vireo olivaceus</i> | <u>T2</u> | 6/14/2000 | <u>Protected</u> |
| Blue Jay | <i>Cyanocitta cristata</i> | <u>FY</u> | 5/15/2000 | <u>Protected</u> |
| American Crow | <i>Corvus brachyrhynchos</i> | <u>FY</u> | 6/5/2000 | <u>Game Species</u> |
| Fish Crow | <i>Corvus ossifragus</i> | <u>D2</u> | 5/15/2001 | <u>Protected</u> |
| Tree Swallow | <i>Tachycineta bicolor</i> | <u>P2</u> | 6/17/2000 | <u>Protected</u> |
| Northern Rough-winged Swallow | <i>Stelgidopteryx serripennis</i> | <u>FY</u> | 6/28/2000 | <u>Protected</u> |
| Bank Swallow | <i>Riparia riparia</i> | <u>NY</u> | 6/5/2000 | <u>Protected</u> |
| Black-capped Chickadee | <i>Poecile atricapillus</i> | <u>FL</u> | 7/2/2001 | <u>Protected</u> |
| Tufted Titmouse | <i>Baeolophus bicolor</i> | <u>FY</u> | 6/9/2000 | <u>Protected</u> |
| White-breasted Nuthatch | <i>Sitta carolinensis</i> | <u>FL</u> | 6/18/2001 | <u>Protected</u> |

| | | | | |
|------------------------------|---------------------------------|-----------|-----------|--------------------|
| Carolina Wren | <i>Thryothorus ludovicianus</i> | <u>T2</u> | 6/9/2000 | <u>Protected</u> |
| House Wren | <i>Troglodytes aedon</i> | <u>FY</u> | 6/28/2000 | <u>Protected</u> |
| Eastern Bluebird | <i>Sialia sialis</i> | <u>FY</u> | 6/17/2000 | <u>Protected</u> |
| Veery | <i>Catharus fuscescens</i> | <u>FY</u> | 6/14/2000 | <u>Protected</u> |
| Wood Thrush | <i>Hylocichla mustelina</i> | <u>FL</u> | 7/2/2001 | <u>Protected</u> |
| American Robin | <i>Turdus migratorius</i> | <u>NE</u> | 6/14/2000 | <u>Protected</u> |
| Gray Catbird | <i>Dumetella carolinensis</i> | <u>FY</u> | 6/14/2000 | <u>Protected</u> |
| Northern Mockingbird | <i>Mimus polyglottos</i> | <u>FY</u> | 6/26/2000 | <u>Protected</u> |
| Brown Thrasher | <i>Toxostoma rufum</i> | <u>FL</u> | 6/26/2000 | <u>Protected</u> |
| European Starling | <i>Sturnus vulgaris</i> | <u>NY</u> | 5/15/2000 | <u>Unprotected</u> |
| Cedar Waxwing | <i>Bombycilla cedrorum</i> | <u>FL</u> | 7/22/2001 | <u>Protected</u> |
| Blue-winged Warbler | <i>Vermivora pinus</i> | <u>FY</u> | 6/28/2000 | <u>Protected</u> |
| Yellow Warbler | <i>Dendroica petechia</i> | <u>FY</u> | 6/5/2000 | <u>Protected</u> |
| Black-throated Green Warbler | <i>Dendroica virens</i> | <u>S2</u> | 6/10/2004 | <u>Protected</u> |
| Pine Warbler | <i>Dendroica pinus</i> | <u>T2</u> | 6/14/2000 | <u>Protected</u> |
| Prairie Warbler | <i>Dendroica discolor</i> | <u>FY</u> | 6/26/2000 | <u>Protected</u> |
| Black-and-white Warbler | <i>Mniotilta varia</i> | <u>FL</u> | 7/22/2001 | <u>Protected</u> |
| American Redstart | <i>Setophaga ruticilla</i> | <u>FL</u> | 6/28/2000 | <u>Protected</u> |
| Worm-eating Warbler | <i>Helmitheros vermivorus</i> | <u>D2</u> | 6/17/2000 | <u>Protected</u> |
| Ovenbird | <i>Seiurus aurocapilla</i> | <u>FL</u> | 7/6/2000 | <u>Protected</u> |
| Kentucky Warbler | <i>Oporornis formosus</i> | <u>FY</u> | 6/26/2000 | <u>Protected</u> |
| Common Yellowthroat | <i>Geothlypis trichas</i> | <u>FY</u> | 6/5/2000 | <u>Protected</u> |
| Hooded Warbler | <i>Wilsonia citrina</i> | <u>D2</u> | 6/19/2000 | <u>Protected</u> |
| Scarlet Tanager | <i>Piranga olivacea</i> | <u>P2</u> | 6/19/2001 | <u>Protected</u> |
| Eastern Towhee | <i>Pipilo erythrophthalmus</i> | <u>FY</u> | 6/5/2000 | <u>Protected</u> |
| Chipping Sparrow | <i>Spizella passerina</i> | <u>FY</u> | 6/28/2000 | <u>Protected</u> |
| Song Sparrow | <i>Melospiza melodia</i> | <u>DD</u> | 6/19/2000 | <u>Protected</u> |
| Northern Cardinal | <i>Cardinalis cardinalis</i> | <u>NY</u> | 6/14/2000 | <u>Protected</u> |

| | | | | |
|------------------------|--------------------------------|-----------|-----------|--------------------|
| Rose-breasted Grosbeak | <i>Pheucticus ludovicianus</i> | <u>D2</u> | 6/14/2000 | <u>Protected</u> |
| Indigo Bunting | <i>Passerina cyanea</i> | <u>T2</u> | 6/14/2000 | <u>Protected</u> |
| Red-winged Blackbird | <i>Agelaius phoeniceus</i> | <u>FY</u> | 6/14/2000 | <u>Protected</u> |
| Common Grackle | <i>Quiscalus quiscula</i> | <u>NY</u> | 6/5/2000 | <u>Protected</u> |
| Brown-headed Cowbird | <i>Molothrus ater</i> | <u>FL</u> | 7/2/2001 | <u>Protected</u> |
| Orchard Oriole | <i>Icterus spurius</i> | <u>FL</u> | 6/30/2003 | <u>Protected</u> |
| Baltimore Oriole | <i>Icterus galbula</i> | <u>NY</u> | 6/17/2000 | <u>Protected</u> |
| House Finch | <i>Carpodacus mexicanus</i> | <u>FY</u> | 6/28/2000 | <u>Protected</u> |
| American Goldfinch | <i>Carduelis tristis</i> | <u>D2</u> | 6/14/2000 | <u>Protected</u> |
| House Sparrow | <i>Passer domesticus</i> | <u>NY</u> | 5/25/2000 | <u>Unprotected</u> |

Breeding Bird Atlas Block 5954A



1 Mile
Scale is approximately 1:25,000, but may vary on your printer.

March 14, 2008

11:00 a.m.

Jardim Estates Site, Tarrytown, New York

Steve Marino

Came in the Grasmere Lake entrance, looking at the lake and you can hear the Canadian geese in the background, they are landing on the lake.

It is sunny with very few clouds, temp about 48 degrees.

I am at Grasmere Lake, the ice on the lake has melted. There is a mockingbird, heard a red bellied woodpecker a few minutes ago, there are three geese down at the western end of the pond doing the mating dance. All are honking and dancing on each other.

House sparrow, also bluejays are heard in the background. Birds are starting to move around here. Just heard a white throated sparrow. Lots of other birds singing also. Birds are coming into season. Eastern gray squirrels, several of them. Mostly likely made this recommendation in the early report from last fall, from a pond with both water quality and habitat standpoint it would make sense to allow at least a portion of it, the southern edge of the pond to grow wild rather than continuing to mow it down to the water line. There is some fringing vegetation right at the water line. But there is a 40 - 70 foot wide strip of mowed lawn between the pond and the Grasmere Lake Road.

The male geese are trying to make friends with the female geese.

Walking along the edge of the pond looking for any sign of activity inside the pond itself, in the water, the water must still be too cold, don't have a thermometer with me today but the water must be too cold because I don't see any activity, no fish, no salamanders, water bugs or anything going on in the water itself.

The male geese was successful in becoming friends with the female because they have moved over to the middle of the pond.

The pond used to have a diving board on the northern edge behind the house with the swimming pool. I would assume that this part of the pond is pretty deep. The pond could use some structure from looking at it. There is maybe one or two submerged logs as you go around, other than that it is a concrete edge on the western and northern side. There is natural vegetation of the southern side. But no structure to turtles for hiding fish. Morning dove. Here come four ____ geese landing on the pond.

Steve is on the northern side of the pond now and there is a little spruce and locust and a couple of cherries forest here. Sparse under story but some deer poop among the spruces. Also, there is a hole burrowed into the leaf litter with some scat around the edge of the hole. The hole is about 2" in diameter (took photo). The pond bottom seems pretty well sealed off by leaf litter, and _____ with fine sediment. Don't see any bare, gravelly patches that could be used for fish. When I get to place where I can see deeper into the pond I can see all kinds of man made features such as concrete blocks, occasional tires, rubber boot, clorox bottles, soda cans. If there were many fish in this pond I would expect to see them sunning in some of the warmer, shallow exposed areas, but I don't see any signs of fish yet.

I would certainly expect to see painted turtles, maybe a snapping turtle.

Small brook feeding into the lake from the eastern end of the lake. It is flowing strong, almost full channel. Three other culverts entering the lake have significant flow, although they are not flowing full. That wraps up the Grasmere Lake portion of this. In the hour or so that I have been here the entire sky has clouded up, so it is cooling off and it look like I won't see much around this part of the property today.

Now up on the other end of the site, came in through the gate and am following the stream channel up towards the old pond. Still overcast and it is just past noontime.

Plenty of deer signs in this area. Two wood ducks just flew off from the upper pond. No sign of any amphibian action going on in the pond itself. Checked out the vernal pool on the south end of the site. A total slope where it is higher due south and no amphibian activity there. Meaning no wood frog, no salamanders.

Perry woodpecker near wetland flag E1. It looks like a spring point, a seepage point for the water course that comes down. It has now started to rain and I am back at the odd structure that Chris and I found on the top of the one hill. That vernal pool that I found earlier may have been off the property to the south, because I think this structure is pretty close to the property line. I may have wondered too far south.

Seems like the bottom line for today is; no turtles, no snakes, no frogs, no salamanders. Some birds, very few mammals, just appears that it is too early in the season for too much activity. The official beginning of Spring is not for another week.

TMA:JardimEstates.3.14.08.fieldnotes.

March 25, 2008
Tuesday
12:30 P.M.
Temperature 42 degrees
Sky is clear blue - not a cloud in the sky
Jardim Estates - Tarrytown
Steve Marino

The red maples are beginning to bud out, so I am beginning to see a reddish cast on the maples. I am parked at the gate entrance to Jardim Estates Site in Tarrytown, New York.

I am starting to hear more bird activity. Saw a large hawk, tried to take a photo of it, to see if I could identify it but it did not appear to be a red tail. There are a lot of sparrows working in the underbrush, under the barberry's here at this entrance. White cap chickadee and white headed (throated) nut hatches in the trees. Walking in on that existing path, with the culvert that crosses the stream corridor, I am going to take the stream corridor north from here down to the main access road.

There are lots of signs of deer crossing the stream and coming up the bank to the west I see a gray squirrel running along the stone wall on the western side of this corridor. Saw a blue jay, turkey vulture. There is a lot of bird activity in the open field, lawn area behind the old white house at the top of the wetland spur that comes in from the west into the stream corridor. We have a utility pole here, near tree tag 2358. Looks like a dead locust. Right in this area we have an opening in the canopy, we have the existing house, a little bit of an open fragmities wetland with a lot of bird activity in this area.

I am now going to follow the ridge line on the western side of this wetland and up on the western side of the stream corridor.

I hear a white throated sparrow. I have a junco here, numerous sparrows again playing in the multi-floral rose and barberries. The squirrels are chirping at each other. Saw a cardinal.

I am not real sure about the delineation on this wetland spur, it is one of the dryer wetlands I have ever seen. Although there is a lot of surface roots for some bitter sweet, multi-floral rose and some barberry, a little bit of fragmities, but this is very dry in the wetland department.

Just passed tree #1632. As far as trees goes I have black cherries, red maple, sugar maple, small hack berry. A lot of dead tree up here on top of the hill, lot of blow overs and wind throws. It has quieted down quit a bit.

No or very few obvious nests in any of these trees. Looking around I don't see much in the way of squirrels nest. I don't see much in the way of hawks or larger birds nest or rafters. I don't see many smaller nests. Actually, so far I don't see any.

The red maples are definitely starting to flower.

I found a woodchuck hole that looks like it has been active recently. That would be right near tree #1640. A tulip, small rock outcropping near tree number 1490, which is about a two foot black cherry. Rock outcropping here, looking for snakes that might be sunning itself but it is still a little on the cool side at 42 degrees, but this is a south facing rock so we will look around here. Again, it has to be pointed out that a lot of the trees on the top of this knoll are dead and a lot of

blown over trees. Trees with unhealthy branching. Took some shots of the trees in all directions around tree #1487. Looks like a hickory of some sort.

Can hear a cardinal and a white throated sparrow off to my west.

* Note that there is a fairly constant hum from Route 287 just to the north of the site, through the leafless trees right now I can see reflections of the windows and see some of the larger trucks through the woods on Route 287.

I see that hawk again and now he is flying from northeast to southwest and now south. I did not see the red tail to give him away as a red tail though, Tree #1516.

The only tracks of any type I am seeing so far are deer tracks. Large and small deer dropping scattered all over the site. Tree #1465, large red oak. I am noticing that a lot of the trees that are down are Ailanthus the tree of heaven, although I am standing right now next to a very large white oak, probably 2 ½- 3 feet in diameter, that is also down.

Took a picture of some shelf fungus on one of the dead trees. That shelf fungus was just below a stone wall adjacent to tree #1499.

Still moving north, getting closer to Route 287. Tree #1459, very large red oak. Now coming down the slope on the north side of this bump, rock wall just to my west, tree 1459 just to my west, whether it is coming just from that single tree or if there are other oaks around it there is an abundance of acorns, or acorn remnants on the ground. Very shallow leaf litter, a lot of exposed areas has duff and soil and some exposed rock croppings.

Pretty healthy grape vines, above two inches in diameter. It is running underneath tree #1458. Going back up the hill briefly to the south to check out a very large rock outcropping. Turned over some stones and some dead logs. Other than one centipede, nothing is really going on under there yet.

Did find a small spot and took a picture of it where something has been digging and going after something it must have heard under the rocks, look like skunk more than likely or a raccoon.

Looking at what must be a pretty warm south facing rock face at tree #1477, at least without a leaf canopy, without the leaves out this would be a warm spot for a snake to warm up to, but no evidence of anything moving yet this time of year.

Other than the red maples, which are occasionally blushed with some pink flowers starting to come out, I see an occasional barberry that has some leaf buds, other than that everything is still closed up.

Tree #1445, large part of this forest, maybe 20 to 25 percent is Ailanthus, tree of heaven. Kind of unfortunate but I ran out of batteries at tree #1344, camera batteries that is.

At #1340 found what look like was once a foundation of some sort, rocks and rectangular pattern, just below an interested rock outcropping, which is just south of tree #1343. So the little foundation would be just to the east of that tree.

Every once in a while I see some scratches in the grass litter and leaf litter here in this area, most likely skunk, my best guess.

Very large cherry tree at #1325, with some privet hedges around it, so I am thinking between the flatness of this area where I am standing (very flat for about 100 feet in diameter) and that little foundation just off to the south of the flat spot, that and the privet hedge, there must have been some kind of development, some kind of structure here at some point in the past. More foundation stones at tree 1357 and this is a well put together foundation wall right here.

I am almost down at road now.

Found a couple of bold green blue beer bottle that are broken up but one still pretty hole and it says on the side of it Krumenocker, New York.

I am now heading down the hill towards the driveway. Tree 1301, now heading up the driveway moving to the south, just watched three morning doves, there is a large Ailanthus here that has been cut down on the west side of the driveway. To the east side I have the lake on the adjacent parcel. A combination of native and ornamental trees and shrubs along here. There are a couple of large norway spruces, a couple of magnolia's, privet, forsythia, and I have red maples and green ash, large rhododendron. From where I am standing in the pond itself I can see a pair of mallard ducks. Could not get the camera running long enough to take a picture of shelf fungus (no batteries) about 30 feet up on a maple tree. Black cat chickadee singing away. At the existing house on the adjacent parcel, where the culvert comes under the road, I am going to cut back off the driveway and follow the stream channel up.

As part of the overall mitigation plan we should consider, by the clearing, the culvert, and restoring the little delta that has formed upstream, of this road crossing, at the top of the water course where the gated entrance comes in, or absent that maybe just dig all the material out and restore the stream channel into one stream channel again. Right now there is a lot of accumulated sand and sediment on the uphill side which is choking everything but the larger trees and on the downhill side there is a lot of erosion that blows over the top and creates erosion through there so . . . Using some of the stone is probably a good base for this dam or road crossing, to line a new channel coming down, clean out the tires and oil drum and other stuff that has accumulated along this area. To restore the stream channel would be a good mitigation project.

TMA:JardimEstatesEast.3.25.08.fieldnotes.SMarino

Wednesday, March 26, 2007
Jardim Estates - Tarrytown
1:50 P.M.

Going back in and going to take the ridge up to the south. I will get to the pond on the south end and check that for any amphibian activity and am working my way back down the stream channel and maybe the upland area adjacent to that on my way back to the north. Tree #2222 - we have a blue jay. Just to the west of where I am standing there is a old tree stand. If we have not already do it, look into the possibility of getting historic aerial photos for this site.

Other than a few large trees around the perimeter and near the rock outcropping this looks like a pretty young forest, preexisting wetlands. There are a lot of signs of activity, old metal pieces, broken bottles, stuff like that all through the woods here. Just curious of what may have been going on before in this neighborhood.

Tree 1607 or 1602 (most likely 1607) just south of that is one (1608) chestnut oak, with an interesting little doorway - it looks like a hobbit house.

I am now at the pond again. Other than the bottom being covered with algae, the filament is green algae, there doesn't seem to be a lot going on but I do, just out of reach of where I can get with my boots, see a couple of spots that look like they might be opaque yellow spotted salamander, egg masses. Will have to come back with higher boots, and go in and take a look at the bottom, they are at the bottom, they are not up on sticks, they are not floating in anyway, they are just sitting at the bottom, but they do from the distance look like opaque egg masses.

This pond and the entry stream through it is another place we can pull out a lot of sediment and clean up the edges with some new plantings and do a lot of nice things here. I would jazz this pond up real nicely. If we do something with the outlet structure, not necessarily rebuild the damn or anything but clean the outlet and do something to keep the water moving through there a little more to counteract some of this algae buildup.

One squirrel nest, first one I have seen on the east side of the pond.

Tree #1223 - here on the slope on the ridge above the eastern side of the watercourse, that's the southern portion of the watercourse, so I am in the southeast corner of the site now, a little bit more variable woods. We have cherries, ashes, birches, red maples, sugar maples, a few hickories. Not as many dead trees, not as many branches down on the ground, we don't have a deep leaf litter, we do have pretty deep organic leaf duff layer, but that is exposed. The leaves must get blown around pretty good around here.

Other than deer tracks and deer poop, a couple of gray squirrels chasing each other around the woods and what looked like a skunk or a raccoon dig. Did not see anything of **magnalian** or **herpatyle** origin today. Did see quite a few birds, some identifiable, some not. I will leave that to the bird experts. Nothing going on with the mammal and reptiles or amphibians, maybe to early in the season.

2:30 over and out.

TMA:Jardim Estates.3.26.08 field notes. smarino

Thursday April 3, 2008
Brian Bury
Jardim East Site, Tarrytown, NY
~ 2:30 PM
50 degrees, overcast

Came to the site to check on ponds and wetlands for any amphibian activity. Trees/shrubs really starting to bud out, especially the red maples.

As I pulled up the east roadway to the park, a hawk flew overtop of my truck from the neighbor's property to the east and perched in a tree on the site. I clearly saw that it was not a red-tailed hawk and I believe it was a broad-winged hawk due to the size and dark coloration of its head and back. I did not see the front of the bird while it was perched, but as it flew overhead the belly was light with no evidence of a darker, horizontal streak to say it was a red tail. The tail feather's were black and white banded.

I proceeded to walk south along the eastern property line towards Turtle (?) Pond and a pileated woodpecker flew overhead, calling. As with most every day the other four common species (YB, RB, H, D) of woodpeckers were out, hopefully we see some red-headed at some point.

I could not see any clear activity of amphibians at turtle pond. Overturned logs and rocks did not produce any. I couldn't see clearly into the middle of the pond bc of the glare. White breasted nuthatch heard while I looked. Dozens of robins kicking up the leaf litter looking for food. Red tail squawking up the hill (south).

Checked on the wetland in the center of the property. Not much going on. Very dry, few sparrows (likely chipping, white throated, american tree) that's it.

The wetland behind the houses near Browning lane has a bit more water than usual. The tree in the wetland that used to have the arrow stuck in it now has been cut to about 6 feet high and a nesting box has been placed on it. It's a large nesting box, 30 inches long by maybe 10 inches wide with a large opening (possibly for owls?). Pretty quiet otherwise, few chickadees and chipping sparrows.

I got back to the truck and decided to walk along the east bordering property where everyone walks their dogs. Found the pileated woodpecker making a nest in a dead tree. I sat and watched it for 5-10 minutes. Another one flew near the area and perched to a tree. Likely a breeding pair.

A guy walking his dogs showed me a large beech tree just south of the property (along the stream) that has 5-6 woodpecker holes. He referred to it as a "woodpecker hotel" since they all come flying to the tree at once. He also told me to come at dawn or dusk to see two long eared owls, although they're probably great horned - but you never know - this guy seemed to know a bit about birds (he knew a bunch of their calls). They were there for several years, disappeared last year, and now they're back. He also mentioned there are several hawks in the area and the owl and hawk have actually perched on the same branch together. They are both mobbed by the smaller birds frequently.

May 30,2008
Jardim Estates East
6:15 a.m.
Clear 50-55 degrees

Brain Bury and Chris Robbins

Point #2- stream corridor 6:20

| | |
|------------------------|----|
| Catbird | A |
| Hairy Woodpecker | A |
| Red-winged Blackbird | A |
| Robin | AV |
| Blue Jay | A |
| Flicker | A |
| Grackle | AV |
| Black-capped Chickadee | A |
| Cardinal | A |
| Crow | FB |
| Oriole | AV |
| Wood Thrush | A |
| Pileated | A |
| Red-eyed Vireo | A |
| Towhee | A |
| Veery | A |
| House Wren | A |

Point #3-Ice Pond 6:55

| | |
|------------------------|----|
| Catbird | A |
| Robin | A |
| Wood Thrush | A |
| Veery | A |
| Young Red Tail | AV |
| Blue Jay | AV |
| Red-bellied Woodpecker | A |
| Grackle | V |
| Red-eyed Vireo | A |
| Flicker | A |
| Downy | A |

Point #4- Road Top Structure 7:10

| | |
|------------------------|---|
| Black-capped Chickadee | A |
|------------------------|---|

| | |
|------------------------|----|
| Robin | A |
| Rose-breasted Grosbeak | A |
| Downy Woodpecker | A |
| Redstart multipul | A |
| Cardinal | A |
| Wood Thrush | A |
| Blue Jay | AV |
| Red-bellied Woodpecker | A |
| Warblers | FB |

Point #5- W/L Cottages

| | |
|------------------------|----|
| House Sparrow | AV |
| Pewee | A |
| Grackles | AV |
| Blue Jay | AV |
| Turkey Vulture | V |
| Crow | A |
| Worm eating Warbler | A |
| Black-capped Chickadee | A |
| Titmouse | A |
| Red-bellied Woodpecker | AV |
| Carolina Wren | A |
| Catbird | A |
| Ovenbird | A |
| Phoebe | V |

Point #6 8:05

| | |
|------------------------|----|
| Oriole | A |
| Towhee | A |
| Blue Jay | AV |
| Veery | AV |
| House Sparrow | AV |
| Mockingbird | V |
| Cardnial | AV |
| Redstart | A |
| Wood Thrush | A |
| Titmouse | AV |
| Robin | V |
| Morning Dove | V |
| Red-bellied Woodpecker | A |
| Phoebe | A |
| Starling | FB |

| | |
|---------|---|
| Downy | A |
| Grackle | V |

Notes- orioles at nest feeding

Point #7A 8:25

| | |
|-------------------------|----|
| Red-bellied Woodpeck | AV |
| Towhee | A |
| Pewee | A |
| Pileated Woodpecker | A |
| Blue Jay | V |
| Fold Finch | V |
| Robin | FB |
| Rose-breastes Grosbeak | AV |
| Black and White Warbler | A |
| Downy Woodpecker | V |

Stream Corridor

| | |
|----------------|----|
| Wood Thrush | AV |
| Veery | AV |
| Red-eyed Vireo | A |
| Grackle | A |

Notes- Cardnial feeding young

Point#5- near road wetland

| | |
|----------------------|----|
| Red-winged Blackbird | A |
| Towhee | A |
| Yellow Warbler | A |
| Grackle | AV |
| Wood Thrush | A |
| Catbird | AV |
| Goldfinch | A |
| Scarlet Tanager | A |

Point #9- Nigerian Embassy 9:30

| | |
|------------------------|---|
| Black-capped Chickadee | A |
| Robin | A |

| | |
|------------------------|----|
| Red-winged Blackbird | A |
| Titmouse | A |
| Ovenbird | A |
| House finch | A |
| Blue Jay | AV |
| Red-bellied Woodpecker | A |
| Morning Dove | A |

Point #1

| | |
|------------------------|----|
| Cowbird | A |
| House Sparrow | V |
| Black-capped Chickadee | A |
| Grackle | AV |
| Song Sparrow | A |
| Mockingbird | A |
| Robin | V |
| Geese | |
| House Sparrow | AV |
| Catbird | A |
| House finch | V |
| Song Sparrow | A |
| Morning Dove | AV |
| Red-winged Blackbird | AV |
| Phoebe | A |

Point #8 9:00

| | |
|----------------------|----|
| Yellow Warbler | A |
| Towhee | A |
| Robin | AV |
| Morning Dove | FB |
| Common Yellow Throat | A |
| Goldfinch | AV |
| Catbird | A |
| Ovenbird | A |
| Starling | V |
| Warbling Vireo | |
| Red-winged Blackbird | AV |
| Wood Thrush | A |
| Redstart | AV |

Notes- 2 male and one female Redstart chasing each other.

Monday March 3, 2008

Brendan Masterson and Brian Bury

Jardim East Site, Tarrytown, NY

11 AM

35-40 degrees F, Sunny - Snow fall over weekend, warm weather = sloppy melting

We came back to the site to look for animal tracks, fungus, and to identify the bird nest Chris and Brian found last week.

On the drive in along the east edge of property (park road) we spotted a bird's nest in the Japanese barberry directly along the road. The nest appears to be the same type of nest seen by Chris and Brian in the middle of the site near the wetland. We have the Peterson's field guide to nests and eggs, but without eggs in the nest the book is not very helpful (no identification key). We took pictures and will revisit in the spring and summer to check for use or birds within the area using the shrubs.

We walked west into the site, following the trail that leads from the park road to the wetland in the center of the property. We stopped at the Japanese barberry shrub that Chris and Brian found the bird's nest. It looks very similar to the nest found along the road, but we cannot identify what bird made it at this time. Again, we will come back to this location in the spring/summer and make observations.

There are many signs of deer (tracks and scat) throughout the entire site. We saw about 6-8 run south from just below the wetland in the center of the site. It appears they bed in this area.

Squirrels are seen throughout the entire site. Tracks everywhere.

Skunk tracks were seen southwest of the center wetland.

A house cat was seen on the property.

A red tailed hawk was spotted flying extremely high above the property, circling and calling.

A picture was taken of a polypore fungus was seen growing on a poor condition black locust with poison ivy vines all over the trunk. The tree is not tagged but is near tree # 2193 on the ridge in the center of the property, north of the wetland. (near tree stand)
The polypore appears to be *Ganoderma applanatum* or "artist's fungus".

Not far from the first sighting, there is a standing, dead black birch with multiple polypores along the trunk (pic). Again, these polypores appear to be the same *Ganoderma applanatum* or "artist's fungus".

A third picture of a black birch in poor, almost dead condition was taken. This tree has a resupinate polypore (a fancy way of saying it's a bunch of shapeless fungal stuff spread across the bottom of a dead log) and several small (3-4 inch) polypores. These two could possibly be the same species, perhaps *Irpex lacteus* or the common turkey tail *Trametes versicolor*. The large polypores could be *Daedaleopsis confragosa*.

A picture was taken of a fungus on tree #2085 which has fallen on the ground. The color and texture of the remnant pieces of the polypore shows signs that this could be chicken of the

woods ***Laetiporus sulphureus*** and edible mushroom. We will check this again in the summer/fall since that's when it's easier found (larger).

Another picture of a downed maple tree was taken with a resupinate polypore, appearing to be ***Irpex lacteus*** again. This tree is along the southern property line (possibly off site), southwest of the round structure at the top of the hill.

Tuesday May 6, 2008
Brian Bury and Mike Thorpe
Jardim East Site, Tarrytown, NY
AM Bird Survey - Walk between points
Clear, Sunny 50-55 F

8:30 AM

Parked in typical location (back gate) and walked south along the western property line to the ice pond. Point 2 to Point 3. Species observed :

| | |
|---------------------|---------------------------|
| Eastern wood Peewee | A |
| Wood Thrush | AV |
| BC chickadee | AV |
| Red bellied wp | A |
| Rufous sided towhee | A |
| Northern Cardinal | AV |
| Barred Owl | A - 8:30AM multiple calls |
| Crow | AV |
| Blue Jay | AV |
| Morning Dove | AV |
| Flicker | V |
| Common Grackle | AV |
| Canada Goose | AV |
| Mallards | AV - M&F on pond |

Walked from the ice pond (point 3) to the round structure (point 4) Species observed:

| | |
|-------------------|--------------|
| BC chickadee | AV |
| Red bellied wp | A |
| Northern Cardinal | AV |
| Crow | AV -multiple |
| Blue Jay | AV |
| Common Grackle | AV |

Walked from point 3 to point 5. Pretty quiet. Species Observed:

| | |
|-----------------------------------|---------------------------------------|
| Tree swallow ??? | A -near house |
| BC chickadee | AV |
| Red bellied wp | A |
| Northern Cardinal | AV |
| Crow | AV -multiple |
| Blue Jay | AV |
| Common Grackle | AV -appear to be nesting near wetland |
| Buzzy, insectlike warbler un-id'd | |
| Carolina wren | A |

9:00 AM

Walked from Point 5 (wetland behind cottages) to Point 6 (center wetland). Species observed:

| | |
|-------------------------|--|
| Yellow bellied sapsuck | AV |
| Pileated woodpecker | AV drumming |
| Hairy woodpecker | AV drumming |
| White breasted nuthatch | A |
| Redtailed hawk | V - soaring over top of property |
| Baltimore Oriole | AV - in locations of old nests found by CR, BB |
| Song sparrow | A |

Walked from Point 6 to Point 7. NEW Species observed:

| | |
|-------------------|----|
| Baltimore Oriole | AV |
| Nashville Warbler | AV |
| Northern Parula | AV |

Garter snake at point 7.

Walked from point 7 back to point 2 by way of the stream corridor. New species observed:

| | |
|--|----|
| Northern Waterthrush | V |
| Canada Warbler or Connecticut Warbler - verify | V |
| Gray Catbird | AV |

Drove to Wetland on Sheldon Avenue. Point # ask CR. Species observed:

| | |
|-----------------------------|----------------|
| Red winged blackbird | AV |
| Mockingbird | AV |
| Black throated blue warbler | AV - M& F pair |
| Swamp sparrow | A |
| Goldfinch | A |

Thursday February 28, 2008
Chris Robbins and Brian Bury
Jardim East Site, Tarrytown, NY
AM & PM (see bird survey for times)
15-20 degrees F, Sunny, few clouds

At the wetlands near the property line (behind two run-down homes), Chris and I walked up on the hill following tracks that appeared to be left by a red fox. At one point, the tracks come to a spot where the animal likely killed and ate a large rodent/squirrel/rabbit. Pieces of the prey were left behind.

At bird survey Point 7, raccoon tracks were seen in the snow. Remnants of an oriole nest were seen at this point, and also in the wetlands in the center of the property (Bird Point 6).

Deer tracks were seen throughout the entire property and deer were seen at every bird survey point, likely the same "herd" of about 10-15 moving throughout the site.

Thursday October 30, 2008 -
Sunrise: - 7:24 AM
Sunset - 5:53 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 40 degrees, mostly cloudy
Survey Time: 8:55 AM

| | |
|-------------------------|------------------|
| American Crow | A FB |
| Goldfinch | A FB |
| Tree Sparrow | V |
| Morning Dove | V |
| Song Sparrow | V |
| White breasted nuthatch | A |
| Golden-crowned kinglet | A |
| Cardinal | AV |
| Canada goose | FB - 3 |
| Starling | FB - large flock |
| Downey woodpecker | V |
| Red wing blackbird | FB |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions:
Survey Time: 12:00 PM

| | |
|------------------------|---|
| Veery | V |
| Downy Woodpecker | V |
| Brown creeper | V |
| Black capped chickadee | A |
| Golden-crowned kinglet | V |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (ice pond)

Conditions:
Survey Time: 11:30 AM

| | |
|------------------------|----|
| Winter Wren | V |
| Blue Jay | AV |
| Golden-crowned kinglet | A |
| American Crow | FB |

White breasted nuthatch AV

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions:

Survey Time: 11:10 AM

| | |
|------------------------|----|
| American Crow | FB |
| Golden-crowned kinglet | A |
| Downy woodpecker | A |
| Winter Wren | AV |

Survey Location #5 41 03 18 N, 73 50 55 W
Wetlands behind homes

Conditions:

Survey Time: 10:50 AM

| | |
|------------------------|----|
| Cardinal | A |
| Blue jay | A |
| Golden-crowned kinglet | A |
| Song sparrow | V |
| Black capped chickadee | A |
| Downy woodpecker | A |
| American Crow | FB |
| White throated sparrow | V |
| Song sparrow | V |
| Carolina wren | V |

Survey Location #6 41 03 24 N, 73 50 49 W
Wetlands in center of property

Conditions:

Survey Time: 10:00 AM

| | |
|------------------------|----------------------------|
| American Crow | FB |
| Pine siskin | FB - flock |
| White throated sparrow | A |
| Veery | V-multiple |
| Robin | A |
| Black capped chickadee | A |
| Yellow palm warbler | V |
| Goldfinch | AFB |
| Ruby crowned kinglet | V |
| Red tailed hawk | V - three soaring overhead |

Survey Location #7A 41 03 27 N, 73 50 49 W

Center of property

Conditions:

Survey Time: 10:30 AM

| | |
|------------------------|-----------------------|
| American Crow | A |
| Turkey Vulture | FB |
| Carolina Wren | A - distant |
| Blue jay | A |
| Yellow rumped warbler | V |
| Red tail hawk | V - soaring with TV's |
| House wren | A |
| White throated sparrow | A |
| Flicker | V |
| Ruby crowned kinglet | V |

Survey Location #9 41 03 24 N, 73 51 14 W -

Hill on west side of property, south of private street

Conditions:

Survey Time: 9:10 AM

| | |
|------------------------|-------------|
| Golden crowned kinglet | AV-multiple |
| Goldfinch | AFB |
| Tufted titmouse | A |
| Black capped chickadee | A |

NEAR Survey Location #8 41 03 31 N, 73 50 51 W

Wetland on Sheldon Ave -

Survey Time: 12:25 PM

| | |
|------------------------|--------------|
| White throated sparrow | V |
| Song sparrow | V-multiple |
| Black capped chickadee | A |
| Yellow rumped warbler | V- multiple |
| Downy woodpecker | AV |
| Swamp sparrow | V - multiple |

Other Notes:

Neighbor's pond to the east contained:

| | |
|------------------------|-----------------|
| Mallard | V - multiple |
| Green winged teal | V - multiple |
| Yellow rumped warbler | V |
| White throated sparrow | V |
| Wood duck | V - single male |

Wednesday August 27, 2008 -
Sunrise: - AM
Sunset - PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 60 degrees, clear
Survey Time: 6:30 AM

| | |
|------------------|------|
| Robin | AV |
| Song sparrow | A |
| Blue Jay | A |
| Starling | FB |
| Common grackle | A FB |
| Mourning Dove | V |
| Catbird | AV |
| Cardinal | V |
| Cedar waxwing | A |
| Hairy woodpecker | A |
| Tufted titmouse | A |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions:
Survey Time: 7:05 AM

| | |
|-------------------|----|
| Downey woodpecker | A |
| Robin | A |
| Wood thrush | A |
| Carolina Wren | A |
| Blue Jay | A |
| Mourning Dove | A |
| Pewee | AV |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (ice pond)

Conditions:
Survey Time: 7:20 AM

| | |
|---------------|---|
| Carolina Wren | A |
| Blue Jay | A |
| Cardinal | A |

| | |
|------------------------|---|
| Tufted titmouse | A |
| Robin | A |
| Black capped chickadee | V |
| Downey woodpecker | A |

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions:

Survey Time: 7:35 AM

| | |
|-------------------------|----|
| White breasted nuthatch | A |
| Blue Jay | A |
| Goldfinch | A |
| Robin | A |
| Common grackle | FB |
| Flicker | A |

Survey Location #5 41 03 18 N, 73 50 55 W
Wetlands behind homes

Conditions: 65 degrees and sunny

Survey Time: 7:50 AM

| | |
|------------------------|----|
| Cedar waxwing | A |
| Blue Jay | AV |
| Black capped chickadee | A |
| Robin | A |
| Downey woodpecker | AV |
| Goldfinch | FB |

Survey Location #6 41 03 24 N, 73 50 49 W
Wetlands in center of property

Conditions:

Survey Time: 8:30 AM

| | |
|------------------------|---------------------|
| Cardinal | AV - pair |
| Tufted titmouse | V |
| Black capped chickadee | A |
| Starling | FB |
| Mourning Dove | FB |
| Blue Jay | A |
| Catbird | AV |
| Osprey | FB |
| Robin | A |
| Goldfinch | A |
| American redstart | V - male and female |

Orange variant scarlet tanager V

Survey Location #7A 41 03 27 N, 73 50 49 W
Center of property

Conditions:

Survey Time: 8:55 AM

| | |
|-------------------|----------|
| Common grackle | FB |
| Flicker | AV |
| Robin | FB -many |
| Blue Jay | A |
| Eastern towhee | A |
| Mourning Dove | FB |
| Osprey | FB |
| Downey Woodpecker | A |

Survey Location #9 41 03 24 N, 73 51 14 W -
Hill on west side of property, south of private street

Conditions:

Survey Time: 6:45 AM

| | |
|-------------------------|----|
| Blue Jay | A |
| Robin | AV |
| Catbird | A |
| Downey woodpecker | A |
| Carolina Wren | A |
| Tufted titmouse | A |
| Cedar waxwing | A |
| White breasted nuthatch | A |

NEAR Survey Location #8 41 03 31 N, 73 50 51 W
Wetland on Sheldon Ave -
Survey Time: 9:30 AM

| | |
|-------------------|--------------------------|
| Catbird | AV |
| Mourning Dove | FB |
| Osprey | FB - with fish in talons |
| Red tailed hawk | FB |
| Downey Woodpecker | A |

Tuesday September 30, 2008 -
Sunrise: - 6:52 AM
Sunset - 6:38 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 60-65 degrees, mostly cloudy

Survey Time: 7:25 - 7:35 AM

| | |
|--------------------|----------------------------|
| Goldfinch | AV FB |
| Canada Geese | FB |
| Robin | AV FB |
| Catbird | A |
| Cardinal | AV |
| Flicker | FB |
| Starling | AV FB |
| Mourning Dove | AV |
| Carolina Wren | A |
| Blue Jay | A |
| House Sparrow | FB |
| Sharp-shinned Hawk | FB - very high and distant |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions:

Survey Time: 8:55 - 9:05 AM

| | |
|------------------------|---|
| Blue Jay | A |
| Tufted titmouse | A |
| Black capped chickadee | A |
| American Crow | A |
| Flicker | A |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (ice pond)

Conditions:

Survey Time: 9:10 - 9:20 AM

| | |
|------------------------|---|
| Black capped chickadee | A |
|------------------------|---|

| | |
|------------------|---|
| Blue Jay | A |
| Robin | A |
| Carolina Wren | A |
| American Crow | A |
| Tufted Titmouse | A |
| Common Grackle | V |
| Downy woodpecker | V |

Survey Location #4 41 03 17 N, 73 50 48 W

High point near round structure

Conditions:

Survey Time: 9:25 - 9:35 AM

| | |
|-------------------|----|
| Downey woodpecker | A |
| American Crow | FB |
| Flicker | AV |
| Red tailed hawk | A |
| Blue Jay | A |

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions: 65 degrees and sunny

Survey Time: 9:45 - 9:55 AM

| | |
|-------------------------|----------------|
| White breasted nuthatch | AV |
| Cedar waxwing | A |
| Song Sparrow | V |
| Blue Jay | AV |
| Black capped chickadee | AV |
| Northern Parula | V - four birds |
| Phoebe | V |
| Pewee | V |
| American Crow | FB |
| Turkey Vulture | FB |
| Robin | AV - multiple |
| House Wren | A |
| Flicker | AV |
| Cardinal | V |
| Yellow Rumped Warbler | V - multiple |
| Downey woodpecker | AV |
| Common Grackle | FB |

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions:

Survey Time: 8:05 - 8:15 AM

| | |
|-----------------------------|----------|
| Robin | AV |
| Carolina Wren | AV |
| Blue Jay | AV FB |
| Catbird | AV |
| Northern Parula | V - Pair |
| Mourning Dove | A |
| Black-capped Chickadee | AV |
| Turkey Vulture | FB |
| Common yellowthroat | V |
| Chipping sparrow | V |
| House sparrow | V |
| Downey woodpecker | A |
| Cardinal | A |
| Common Grackle | AV |
| Black throated blue warbler | V |

Survey Location #7A 41 03 27 N, 73 50 49 W

Center of property

Conditions:

Survey Time: 8:35 - 8:45 AM

| | |
|-------------------------|----|
| Common grackle | FB |
| Flicker | AV |
| Starling | FB |
| Robin | FB |
| Blue Jay | AV |
| White breasted nuthatch | A |

Survey Location #9 41 03 24 N, 73 51 14 W -

Hill on west side of property, south of private street

Conditions:

Survey Time: 7:40 - 7:50 AM

| | |
|------------------------|--------------|
| Downey Woodpecker | A -distant |
| Robin | AV |
| Black capped chickadee | A |
| Blue Jay | A |
| Carolina Wren | A - multiple |
| American Crow | A FB |

NEAR Survey Location #8 41 03 31 N, 73 50 51 W

Wetland on Sheldon Ave -

Survey Time: 10:45-11:00 AM

| | |
|-------------------------|---------------|
| White breasted nuthatch | V |
| Blue Jay | AV |
| Goldfinch | AV |
| Gray Catbird | V |
| Phoebe | V |
| Red Tailed hawk | FB |
| Mourning Dove | FB |
| Downey Woodpecker | AV |
| Unidentified warbler | V - two birds |

Other Notes:

Neighbor's pond to the east contained:

| | |
|-----------------------------|--------------|
| Mallard | V - multiple |
| Green winged teal | V - multiple |
| Great blue heron | V |
| White throated sparrow | V |
| Black throated blue warbler | V |

Tuesday, October 21, 2008

Jardim Estates - Tarrytown

Brian recorded 75 ducks and some king fishes that we also saw going by.

First observation of the pond is that it is likely very shallow, atrophic. In the southwest corner it is exposed mud flats, duck weed, covers most of the pond. There is some algae on the southeastern part of it.

Observations after the first row around the pond. The pond is shallow, maximum of three feet, bottom is covered with algae, about six inches deep, loose. Did not observe any fish, turtles, salamanders or anything like amphibians on the first go-around.

There are king fishes in the area, quite a few of them it seems. So there must be fish in there somewhere, that they are bothering to hang around, but did not see any. Brian is looking now.

Northern edge of the pond is a berm that has been created, so this is an impoundment. Created out of an existing wetland which still exists to the north of the berm. So there is wetland the same width as the pond, to the north onto Sheldane Avenue.

There a possum and raccoon tracks observed along the northern edge of the pond.

There is a healthy forest of red maples, willow, white and green ash, large spice bush, all in that wetland to the north. The bar berries have become pretty well established along the top of the berm. There is a crab apple tree. The berm has a concrete core. Steve is now at the outlet structure which is a concrete spillway, with broken portions of an overflow pipe. There is probably a valve down there somewhere.

The pond itself does not present many basking opportunities for turtles. There are no exposed stumps, exposed logs, stones, or anything like that, that turtles would come up out of the water to bask on. The entire northern edge of the pond, the berm area, has stones along the edge and are southern facing, so it is possible that those could come up out of the pond on that edge and bask on the rocks. There is nothing in the pond itself that would lend to basking.

Beech trees, alder, choke cherry.

The watershed draining to the eastern side of the pond is undisturbed woods in good condition. There is a rock wall along the edge, not along the edge of the pond but along what is probably the property line. Beyond that is a mature deciduous forest.

To the south is the existing home and lawn areas. To the west is the Jardim property with the stream that drains down through the Jardim property, under the side-by-side driveways and into the pond. To the north is the existing wetland.

Also have pin oak and black cherry along the north edge of the pond. Slippery elm, white oaks along the eastern edge along with some mountain laurel. Discovered a secondary inlet in the southeast corner stream coming into the site.

Closest to the driveway and near the house, a wide variety of ornamentals, leather leaf viburnum some of the showy azaleas, rhode max, some big spruces, Norway. All along the

south side of the lake and around the house saw some beautiful cedars, most likely king of Cyprus. Weeping cherries, again, Japanese maples of different cuts and varieties. One beautiful magnolia sitting on a created peninsula in the lake.

Brian took some water quality measurements in the northwest corner of the pond. DO around 3.5 which seems like of low, so it could be because the water is so shallow where we are digging up some BOD on the body there so when we take the boat out again later we will try in a little deeper water. Conductivity .245 micro something or others. Will have to figure out what that translation means. No salinity, temperature 11.7 degrees C. Turbidity somewhere between 4 and 6. PH about 6.8.

Out about 100 feet off the shore, taking some water measurement, PH 7.12, conductivity .240 mili per centimeter. Turbidity 5 to 7.

Taking the measurement about a foot below the surface, temperature 11.1 degrees C. As expected the salinity is Zero.

Will have to talk to Jon about this DO meter part of this. Steve is getting .56, .53 milligrams per liter. Something may not be calibrated in the machine or Steve is missing an exponent, not sure what is going on. .68, .74 now, .78. Will let the machine stabilize. It is bouncing back and forth but it is around .50 milligrams per liter.

Now right in the middle of the pond. Again, about one foot below the surface. DO is reading .06 milligrams per liter. Temperature 10.5 degrees C. Salinity zero, Ph 7.07. Conductivity .237 mil S, MS per CM. Turbidity 8.

DO again we are back into .65 now, bouncing around a little bit. At 1.1 milligrams per liter. Must be a real low DO in here for some reason at 11 degrees the DO should be much higher.

Thursday, October 4, 2007

Steve Marino and Chris Robbins

Jardim East Site, Tarrytown, NY

10:15 am

Temperature 74 degrees, perfectly sunny day but under a dense canopy

Coming in from Sheldan, along the existing driveway, now going through the gate onto the property. Eastern chipmunk at the gate, also a blue jay at the gate.

Looking at tree and shrub species real quick, Japanese bar berry, sugar maple from a three foot diameter sugar maple to many pole size, shrub layer is conspicuously absent with the exception of the bar berries. We are looking at high canopy and bare ground with leaf litter. Coming everlasting, winged juncos, big spice bush, garlic mustard, yellow birch, large, large bitter sweet choking a (looks like) Norway maple, American elm, black birch, five very large oaks here just inside, just across the first stream crossing, small hickory, red maple to, black locust in this forest, Viburnum lentago, poison ivy, virginia creeper, wild grape, there are a number of viney species.

Standing at a black or red oak, very interesting, about five foot in diameter oak.

Hop hornbeam, bramble, shell fungus (took picture of for ID), and a deer skull. Red back salamander, about 125 - 150 feet past the stream crossing on the trail, under a log. Eastern gray squirrels in the second draw, found a small northern brown snake under some peeled bark on top of a rocky outcrop, between the two wetland corridors, black cherry, we have an outcropping here and chipmunk holes everywhere.

So we saw red back salamander and judging from what we are seeing out here I would expect to see slimies as well. Have not seen them as yet.

Note: will chipmunks eat mushrooms?

Viburnum casanoides (wild raisin), saw another red back, this time the red face, moving further up the ridge line where the lock out croppings are. Was too fast and got away before he could be identified or photographed.

Large tulip poplar, 2002 - large sugar maple, 2037, small yellow spotted salamander under a log at tree 2006. Here on the south end of the property we have robins in several locations.

We are not walking the southern property line. To our west is an existing house with a yard area. We have a little more or a mixed forest here. We have some Norway spruces, several smaller and one large mixed in, lots of standing dead wood, black birch, beech. At the top of the knoll, by the property line there is some kind of an old structure that we will go take a look at.

We are not at the top of the hill on the southern property line standing on what looks like an old cistern maybe, water tank, or some kind of half round structure. Not sure what it was for.

Deer scat. What kind of trees do pigs find truffles under?

Huge oak - 1058 with a lot of grape vines climbing up it.

Really big, beautiful white oak - 1039.

Coming down off the rock slope at tree 1072 is a red maple. Two younger than a year fawns. We have come down the hill are in a little wetland spur that drains down to the main riparian corridor - 2058 is a black locust in the middle of that. Here we have stilt weed, the everlasting, bar berry, frags, one multi-floral rose, more frags and a porcelain berry, in the tops of some spice bush, possum or Viburnum.

We are now at the pond, with was is described as the old ice pond, saw three wood ducks flying off. Huge white oak at the pond, looks like tag 2155, and that shows on the map.

Coming up the hill due east, along the pond. On top of the ridge line is a fenced off area, large trees and a very big white oak, big tulips. Come upon a large red tail, with both claws full of prey. Coming down the hill now passing tree 1215, a small sugar maple. Some frog activity in the pond, probably green frogs. There is a sandy bank on the south side of the pond, some accumulated sediments that would make awfully good turtle hatching areas, but we did not observe any turtles in the pond, we may have been too noisy on them. So it is worth going back. Maybe be painted turtles, maybe spots in that little pond.

The pond is way below water level right now and this is starting to stink it up a little bit for it being so low.

After a brief lunch break we are back on site, coming in through Route 9 and we are at Grace Mere Lake which is an open pond inhabited by rats with wings. Looks pretty atrophic. Pond is mowed pretty much right up to the edge, on the entire south side, with a narrow fringe of stilt grass, frags, porcelain berry, smart weed, multi-floral rose, pussy willow, couple of red maples. On the north side about half of it is more naturalized with some oaks, dogwoods. There are also openings where peoples back yards but right up against it.

Look into the question of lowering the water level for wall repair and then restoring it. The lady from across the street has come out to talk about the lake. It is the church apparently that mows the property down to the water line. She says she knows of carp, blue gills, small mouth bass, a herring that hangs out occasionally, snapping turtles, frogs and snakes but nothing specific. It is not a great pond but has always been a functional pond. From the road into the pond has always been a problem.

Look into restoration into the pond edge, the southern edge of this, there is a significant mitigation effort.

Note: this is not a neighbor that would be cooperative, but there are things we could do to make her somewhat happier than if we did nothing.

More work will need to be done at the pond as far as eco goes because everything that is going on here will be going on in the pond, not around the pond, considering what the edges look like and the amount of development immediately around them. We are going to turtle trap, some gill netting or fish trapping, water sampling. This is already atrophic so we will see what that shows. Note: We do also have multi-floral rose, climbing roses as well as porcelain berry, larger pussy willows and red maples around the south edge of the pond.

So was have come in Grace Mere Lake Road, it looks like, we have come up to the large stone church house and we are walking down in behind it in an areas that is pretty well cultivated. We have stilt grass in the under story, trees, Norway maples, black locust, one large cherry - 690. Pachysandra, more climbing bitter sweet, blank spots in the weeds were deer were laying down.

Came up in a little rise and there is a large apple tree -703. There is a clearing here dominated by stilt grass, Pennsylvania smart weed, mullein, what canopy there is, is mostly black locust, standing deadwood, we also have a Norway spruce, we hear a deer (or bear) jumping out of the weeds.

One Acer palmatum, Japanese mountain maple, now in a ring of Japanese maples and found one particularly big one about 14 inch diameter one - tag no. 789. Large Japanese maple, large black cherry at 890. Tons of earth worms in this area and nothing eating them. I am also in a large Ailanthus, tree of heaven. Standing at trees 1561 and 900.

Found a cherry and Ailanthus - 846 and 847 in the north west property corner. Ailanthus bark just north of tree 1541, found some eggs, probably red back salamander eggs but will need to confirm from the photos. 18" black cherry, tree 1483.

Concluded the days work at 2:45 - temperature 87 degrees.

ADDED 3-25-08

PA040079 - looks to be turkey tail - *Trametes versicolor* or maybe *Cerrena unicolor*

PA040078 and PA040080 - could be *Piptoporous betulinus* if that tree is black birch as it appears

PA 040109 and PA040110 - some sort of chanterelle mushroom.....need better pics or specimen to id.

TMA:JardimEstatesEast.Fieldnotes.SMarino.10.4.07

Jardim Estates, Tarrytown, New York
Tuesday, April 15, 2008
12:00 Noon
Temp. 55 degrees with clean skies

See a pair of robins. I am entering the site at the park by the old house with the circular driveway. I am now moving west down the slope toward the Gracemere Lake. There is a huge American beech here in poor condition but it is huge. It is surrounded by a number of well developed and healthy Japanese maples.

Crow, gray squirrel.

As I move down the slope towards the lake I get into fewer of the Japanese maples and more black locust.

Red bellied woodpecker, deer droppings.

Probably said this before but I will say it again, mitigation measure if proposed is a clean up of the southern bank of Gracemere Lake. Meaning that most of which is removing the existing multifloral rose and barberry, along the closeness to the pond edge and to stop maintaining as lawn, those areas between the southern pond edge and the entrance to Gracemere Road.

Note: Remember to call Mike Bongi to look over some of this delineation at Jardim, particularly those areas on the south end of the lake. It looks like from the delineation that I saw as if they had pulled it all the way up onto the very short cut grass area. Also the other part we have to look at is the expanded marshy area behind the existing house in the woods.

Grackle, red winged black bird, morning dove, on the north side of the lake, found a goose egg on the western side of the lake shore. Took a photo of it. It was right out in the open on the grass. Found a nesting pair of geese, between the two islands on the south side. Took a picture. There is another nesting female on the eastern more island. No sign of turtles at all. Today would be a day that if there were turtles I think I would have saw them, but so far nothing. Also saw two kids playing around the edge of the pond and asked them what they knew about fish and turtles and they said they think there are fish and one thinks he saw a turtle once. That is the best local information I got out of them.

Back up out of the lake and towards the parking lot again at tree #510, 513. Just heard a red tail off somewhere off to the south.

Now moved further east into the site. I am behind the two cottages and the old stone barn, for lack of a better term, with the wetlands and a narrow water course back behind that area. Another gray squirrel, blue jays, I must be right next to that part of the wetland where Brian said he saw the wood frog eggs, even though I have not seen them yet. I am standing right next to the bird box and not seeing them. Just as I am standing here I saw what looked like a barn swallow swooping into the old stone structure.

In the little water course behind the second cottage I have turkey tracks, raccoon tracks, in the mud along the edge.

Turning over rocks and some rotten stumps I have seen no-pedes and centipedes but nothing larger. No salamanders or anything like that. Turning over a large stone just took the opening to

the stone barn and found three red back salamander, two in the red back phase and one led phase.

Drove in to the end of the right of way. I don't know if I should be parked here or not, but oh well.

As I got there, there was a bird making a pewwww, pewwww sound, on the top of a large Norway maple it looks like. As it flew off it was mostly medium brown with a white patch on the rump. Don't know that it was a rafter but will look it up and see.

It is now 2:00 in the afternoon, last thing I want to do on this site today is to go to the ice pond and set the minnow trap and look for any salamander egg masses.

Over at the ice pond, I have a wobbler of some sort but I can't get him to stop long enough for me to take a picture of him. Yellow above with gray below and a little gray on the cap and what looks like gray and black stripping patch on the wing. There he is again.

Set the minnow trap along the western side of the pond, 30 to 40 feet from the damn. A lot of robins working the eastern edge of the pond, in the leaf litter. Then dug out a yellow spotted salamander egg mass from the same general area as where the trap is set. So we can confirm at least one spotted salamander.

You can seen from the photograph of the egg mass that it is not in the greatest of shape. I don't know if someone started to hatch out already or if something is picking at it. It is the only one I have seen and it is not immaculate one. Also just found a dark phase red back salamander under a log on the south end of the pond.

Walking west to the pond now back towards the car, found one blooming trout lily.

JardimEstatesEast.FieldNotes.SMarino.4.15.08

Friday, May 2, 2008
07106 - Jardim Estates - Tarrytown
Cruising around in Grace Meir Lake
Temperature is about 55 degrees with overcast skies
½ inch of rain in the last 24 hours.

We are here setting the turtle traps. We are on the north end of the lake. Tired up to some snags off of an old red maple tree, so it is in a sunny area facing south. The trap is in about three and a half feet of water.

Now we rowed down to the west end and will start doing soundings.

We have the bow of the boat, were it is tightly into the spillway and we are in 2 ½ feet of water. So 2 ½ feet at the spillway.

We are going to turn around now and go west to east. Taking soundings every twenty five feet or so.

Number 2 at 3 ½ feet of water. We are about 50 feet off of the island, adjacent to the house with the above ground pool. Fifteen feet off of the first island.

So, on the south side of the island, about fifteen feet off the island 2 feet 3 inches.

Twenty feet east of the island, 3 feet 6 inches.

Directly opposite the pipe coming into the pond from the south we are 3 feet 7 inches.

About 20 feet off the turtle trap, 3 feet 7 inches.

Between the trap and the second island 3 feet 4 inches.

Twenty five feet off of island #2 - 3 feet 4 inches.

Opposite the cove, where it is lawn right down to the edge of the pond, 3 feet 1 inch.

We are running a center line down the center of the pond. Three feet even.

Off the point, the little Peninsula coming in. That is 3 feet 1 inch off the west facing point and now we are at the south facing point. All this on the north side of the pond.

2 feet 8.

Twenty five feet off the snag at the eastern cove 2 feet 6 inches.

Twenty feet off the east shore 2 feet 1 inch.

Cutting the pond into thirds, we are a third of the way off the eastern shore, fifteen feet off the south shore, we are 2 feet 6 inches.

Thirty feet off the shore 2 feet 8 inches.

Half way across, 2 feet 9 inches. 2 feet 8 inches to the south of the line between the second island and west pointing point. I have a line in between the west pointing point and the second island, 2 feet 4 inches.

Fifteen feet off the shore 1 foot 9 inches.

Another south to north run - just to the west of the pipe entering the pond.

10 feet off shore - 2 feet of water.

30 feet off shore - 2 feet 6 inches. Going to cut it across just to the east of the first island.

Up to 3 feet 6 inches.

Center line 3 feet 6 inches.

Just east of the point, off the island 3 feet 6 inches.

Twenty five feet off the northern retaining wall - 3 feet 6 inches.

One more as close to the wall as we can get. Six feet off the wall 2 feet 11 inches.

Ok, we pulled the minnow once off the western beach area at the end of the retaining wall. About 10 minutes of effort. Caught one perch, yellow perch about 5 inches long, five blue gills, three look like they are young of the year and two probably last years young.

Try the second spot on the south shore, the opening between the two pipes, the first tow in this spot and the second tow all together was a bust. We must have pulled the bottom of the bag out, it was stuck on a big culvert on a pipe in the water and didn't have any luck with that one.

We tried a third toe and we caught exactly one three inch blue gill.

We are back after lunch and we did our first tow from that same station #2 on the south side of the lake, at the opening between pipes. In this tow we got one large mouth bass about six inches long, four blue gills between three and four and a half inches long and then six young of the year blue gills, anywhere from an inch to one and three quarters or so.

Tow number five back at the little beach on the west side of the pond we got one yellow perch, about five inches long, two blue gills about four inches long, three blue gills three inches long, three blue gills an inch and a half or so long.

Tow six - we got two six to seven inch large mouth bass, one four inch blue gill, four three inch blue gills, two, two inch blue gills, seven one to two inch blue gills, a gravite yellow perch five to six inches and then a four inch yellow perch.

We also lost something as we were pulling in, probably a large carp. We had a snag and I tried to free it and whatever it was jumped out.

TMA:Jardim Estates/fieldnotes.smarino5.2.08

Jardim Estates
May 27, 2008
Sunny - humid
79 degrees
Steve Marino

It is early afternoon at Jardim Estates in Tarrytown, New York. We are following the stream south, upstream, from the gated entrance point. Turning over rocks, logs, within and adjacent to the stream channel. Looking specifically for salamanders. There are plenty of earth worms under the logs as I turn them over. Looking generally for two line salamanders or red back salamanders. Have not observed any of those yet.

While I am out here today, I will also be turning over logs, pieces of plywood or sheet metal I may find out here, looking for snakes, particularly rat snakes, garden snakes, potential for hog nose snakes, ribbon snake is another good possibility. We already know that up on the ridge, to the west of where I am right now, we had a brown snake.

Now I am at the small pond, just above the dam. Saw four green frogs jumping into the pond, a chipmunk, a small turtle basking on a log, could not identify it because he got away before I could look.

No signs of water snakes but will keep looking as I go around. Can hear a number of different species going off today at the same time. Red bellied woodpecker, crackles I can see here, blue jays, chipping sparrows, tufted tit mouse, cardinal. Came face to face with another chipmunk on the south end of the pond. Plenty of deer tracks in the sandy delta there on the south end of the pond where the entry stream from the south comes in. There is also a pair of mallard ducks that have been lingering around this pond since my arrival.

Two red backed salamanders under a small log, just to the west of the pond, next to tree number 2108, a chestnut oak, five feet to the west of that oak.

The chipmunks are aware of the fact that I am here. They are calling back and forth to each other. There is another one about 10 feet away from me, next to tree #2084.

Found a trunk of what looks like a 65 or 66 Chevy. Would expect to see a snake under there but there is not, nothing.

This area right around here was definitely an old dumping ground. There are all kinds of metal and glass up in here. A really old car battery, stuff like that.

Still moving north now on that tree number 2065.

Turning over more logs and seeing more earth worms, but that is it.

I think the focus for me today really is boxed turtles and snakes. Turned over lots of logs and stones looking for any salamanders.

Five deer to the west of me, that is west of tree #2221. I am continuing to run this ridge on the western side of the stream corridor. I am now at tree #2287 and trying to run the western side of this because that is where the sun is exposed. Song sparrow.

W:Jardim Estates East/Field notes/SMarino.5.27.08

In case I didn't mention it before, I am now on the ridge to the east of the stream corridor. Came up the existing driveway off side to the east and went up as high as the pond. From the top of the ridge I can look down and see the pond. Now walking down the center line of the ridge to see what is up here. Heading north now back toward my car.

There are chipmunks everywhere on this site. So, if there are so many chipmunks, can there be very many snakes. You would think that the snakes would somewhat reduce the population of chipmunks.

After walking to ridge back down and seeing nothing but chipmunks I am going to head back to the car. This site walk today is being cut short due to the imminent appearance of a thunderstorm which I can hear off in the distance.

I am going to go back over to the Grace Meir Lake side of the property and look around there real quick. Hopefully before the storm gets here.

Thursday April 17, 2008 -
Sunrise: - 6:12 AM
Sunset - 7:39 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 40-45 degrees, clear, sunny

Survey Time: 6:20 - 6:35 AM

| | |
|------------------------|--------------------------|
| Starling | AV |
| Cardinal | A - pair |
| White throated Sparrow | A |
| Black-capped Chickadee | A |
| Canada Goose | AV - three pair, nesting |
| Flicker | A |
| Tufted titmouse | AV |
| Common Grackle | V |
| Red Bellied Woodpecker | A |
| Song Sparrow | A |
| Blue Jay | A |
| House Sparrow | AV |
| Morning Dove | AV |
| Carbird | V |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 50-55 degrees, clear

Survey Time: 9:10 - 9:25 AM

| | |
|------------------------|----|
| Blue Jay | AV |
| White Throated Sparrow | A |
| Mallards | A |
| Red tailed Hawk | FB |
| Cardinal | A |
| Robin | AV |
| Turkey Vulture | FB |

Survey Location #3 41 03 17 N, 73 50 43 W

Near impoundment (ice pond)

Conditions: 40-45 degrees, clear

Survey Time: 7:10 - 8:25 AM

| | |
|------------------------|---|
| Mallards | AV - Pair |
| Red Bellied Woodpecker | A |
| Cardinal | A |
| Black-capped Chickadee | A |
| Blue Jay | AV - mult. |
| Hairy Woodpecker | A |
| Robin | AV |
| Morning Dove | AV - pair |
| Veery | V - Swainson's thrush? Bicknell's Thrush? |

Survey Location #4 41 03 17 N, 73 50 48 W

High point near round structure

Conditions:

Survey Time: 7:36 - 7:51 AM

| | |
|------------------------|--------------|
| Robin | AV |
| Blue Jay | AV |
| Hairy woodpecker | A - drumming |
| Red bellied woodpecker | A |
| White throated sparrow | A |
| Cardinal | V |
| Flicker | AV |
| Turkey | V - Hen |
| Downy woodpecker | AV |
| Black capped Chickadee | AV |
| Red headed woodpecker | A |
| Tufted Titmouse | V - Pair |
| Morning Dove | FB |

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions:

Survey Time: 8:00 - 8:15 AM

| | |
|------------------------|------------------|
| Blue Jay | AV - FB |
| House Sparrow | AV |
| Canada Goose | V - Pair nesting |
| Mallards | V - Pair nesting |
| Red Bellied Woodpecker | A |
| White throated sparrow | A |
| Cardinal | A |
| Downy Woodpecker | A |

| | |
|-----------------------------------|---|
| Flicker | A |
| Brown Headed Cowbird | AV |
| Robin | V |
| Eastern Phoebe | AV - Pair building nest in barn structure |
| Unidentified warbler in tree tops | |

Survey Location #6 41 03 24 N, 73 50 49 W
Wetlands in center of property

Conditions:

Survey Time: 8:50 - 9:05 AM

| | |
|------------------------|--------------------------------|
| Robin | AV - Carrying nesting material |
| White throated sparrow | AV |
| Blue Jay | AV - Pair building nest |
| Flicker | A |
| Red bellied woodpecker | AV |
| Crow | FB |

Survey Location #7A 41 03 27 N, 73 50 49 W
Center of property

Conditions: 50-55 degrees, sunny

Survey Time: 8:30 - 8:45 AM

| | |
|------------------------|------------------|
| Blue Jay | A |
| Black capped Chickadee | A |
| Flicker | VA |
| Red bellied woodpecker | VA - Mating Pair |
| Eastern Phoebe | A |
| White throated sparrow | A |
| Canada Geese | FB |
| Tree sparrow | V |
| Robin | V |
| Gold Finch | FB |

Survey Location #9 41 03 24 N, 73 51 14 W -
Hill on west side of property, south of private street

Conditions: 40-45 degrees, sunny

Survey Time: 6:37 - 6:52 AM

| | |
|-------------------------|------|
| Hairy Woodpecker | FB |
| Canada Goose | A FB |
| Robin | AV |
| Starling | A |
| Black capped chickadee | A |
| White breasted nuthatch | AV |

| | |
|-----------------------------------|----|
| Redbellied woodpecker | A |
| Cardinal | A |
| House Sparrow | A |
| Blue Jay | A |
| Mockingbird | A |
| Titmouse | AV |
| Goldfinch | FB |
| Eastern Phoebe | AV |
| Unidentified Warbler in tree tops | |

NEAR Survey Location #8 41 03 31 N, 73 50 51 W
Wetland on Sheldon Ave -

| | |
|------------------------|-----------|
| Flicker | AV |
| Robin | V |
| Morning Dove | FB - pair |
| Crows | A |
| Gull | FB |
| Goldfinch | AV |
| Black capped Chickadee | A |
| Red winged Black Bird | A |

OTHER NOTES

- Two Yellow rumped warblers seen southeast of ice pond
- Nesting Pileated woodpeckers seen on parcel east of property
- Multiple painted turtles in gracemere lake
- One large turtle, approx. 12 inches, on gracemere lake - possible painted, yellow slider?

Friday June 27, 2008 -
Sunrise: - 5:25 AM
Sunset - 8:33 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 60-65 degrees, partly cloudy
Survey Time: 6:20 - 6:35 AM

| | |
|------------------------|------------------------------|
| Goldfinch | AV |
| Canada Geese | AV- 18 |
| Robin | AV |
| Catbird | V |
| Cardinal | A |
| Common Grackle | V - food or nesting material |
| House sparrow | AV - M/F pair |
| Rose Breasted Grosbeak | A |
| Flicker | A |
| Phoebe | A |
| Starling | FB |
| Red Bellied woodpecker | A |
| Black capped chickadee | A |
| Mockingbird | V |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 65 degrees, cloudy
Survey Time: 7:40 AM

| | |
|------------------------|----|
| Blue Jay | A |
| Red Bellied woodpecker | A |
| Wood Thrush | A |
| Eastern Towhee | A |
| Downey woodpecker | A |
| Black capped chickadee | A |
| Flicker | AV |
| House Wren | A |
| Mourning Dove | A |
| Scarlet Tanager | A |

Survey Location #3 41 03 17 N, 73 50 43 W

Near impoundment (ice pond)

Conditions: 65-70 degrees

Survey Time: 8:00 AM

| | |
|------------------------|---|
| Scarlet Tanager | A |
| Black capped chickadee | A |
| Wood thrush | A |
| Eastern Towhee | A |
| Blue Jay | A |
| Flicker | A |
| Robin | A |

Survey Location #4 41 03 17 N, 73 50 48 W

High point near round structure

Conditions:

Survey Time: 8:20 AM

| | |
|------------------------|----|
| Downey woodpecker | A |
| Red eyed vireo | A |
| Wood thrush | A |
| Cardinal | A |
| Black capped chickadee | A |
| Robin | AV |
| Scarlet Tanager | A |
| Blue Jay | A |

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions:

Survey Time: 8:40 AM

| | |
|-------------------|----|
| Downey woodpecker | A |
| Red eyed vireo | A |
| Wood thrush | A |
| Cardinal | A |
| Robin | AV |
| Scarlet Tanager | A |
| House Wren | A |
| Towhee | A |
| Common Grackle | AV |
| Catbird | AV |
| House Sparrow | AV |
| Chimney Swift | FB |

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions:

Survey Time: 7:00 AM

| | |
|------------------------|-----------------------------|
| Pewee | AV |
| Robin | AV |
| Blue Jay | AV |
| Red Bellied woodpecker | A |
| Downey woodpecker | AV - 2, adult with juvenile |
| Wood thrush | AV |
| Cardinal | A |
| Common Grackle | AV |
| Titmouse | A |
| Catbird | AV |
| Oriole | V |

Survey Location #7A 41 03 27 N, 73 50 49 W

Center of property

Conditions:

Survey Time: 7:15 AM

| | |
|------------------------|--------------------------|
| House Wren | AV - with 2 young |
| Flicker | AV - paire with juvenile |
| Cardinal | AV |
| Red Bellied woodpecker | A |
| Blue Jay | A - with young |
| Robin | AV |
| Towhee | A |
| Carolina Wren | A |
| Titmouse | A |

Survey Location #9 41 03 24 N, 73 51 14 W -

Hill on west side of property, south of private street

Conditions: 40-45 degrees, sunny

Survey Time: 6:37 - 6:52 AM

| | |
|------------------------|-------------------------|
| Downey Woodpecker | A |
| Catbird | A |
| Mockingbird | AV |
| Robin | A |
| Phoebe | A |
| Black capped chickadee | A |
| Blue Jay | AV - pair feeding young |
| Cardinal | AV |
| Scarlet tanager | A |

| | |
|------------------------|---|
| Rose Breasted Grosbeak | A |
| Titmouse | A |

NEAR Survey Location #8 41 03 31 N, 73 50 51 W
Wetland on Sheldon Ave -

| | |
|-------------------------|--------------------------|
| Robin | FB - adult with juvenile |
| Red winged Black Bird | A |
| White breasted nuthatch | V |
| Mourning Dove | FB |
| Yellow Warbler | A |
| Common Yellowthroat | A |
| Common Grackle | V - nest |
| Rose Breasted Grosbeak | A |

Tuesday May 6, 2008
Brian Bury and Mike Thorpe
Jardim East Site, Tarrytown, NY
AM Bird Survey - Walk between points
Clear, Sunny 50-55 F

8:30 AM

Parked in typical location (back gate) and walked south along the western property line to the ice pond. Point 2 to Point 3. Species observed :

| | |
|---------------------|---------------------------|
| Eastern wood Peewee | A |
| Wood Thrush | AV |
| BC chickadee | AV |
| Red bellied wp | A |
| Rufous sided towhee | A |
| Northern Cardinal | AV |
| Barred Owl | A - 8:30AM multiple calls |
| Crow | AV |
| Blue Jay | AV |
| Morning Dove | AV |
| Flicker | V |
| Common Grackle | AV |
| Canada Goose | AV |
| Mallards | AV - M&F on pond |

Walked from the ice pond (point 3) to the round structure (point 4) Species observed:

| | |
|-------------------|--------------|
| BC chickadee | AV |
| Red bellied wp | A |
| Northern Cardinal | AV |
| Crow | AV -multiple |
| Blue Jay | AV |
| Common Grackle | AV |

Walked from point 3 to point 5. Pretty quiet. Species Observed:

| | |
|-----------------------------------|---------------------------------------|
| Tree swallow ??? | A -near house |
| BC chickadee | AV |
| Red bellied wp | A |
| Northern Cardinal | AV |
| Crow | AV -multiple |
| Blue Jay | AV |
| Common Grackle | AV -appear to be nesting near wetland |
| Buzzy, insectlike warbler un-id'd | |
| Carolina wren | A |

9:00 AM

Walked from Point 5 (wetland behind cottages) to Point 6 (center wetland). Species observed:

| | |
|-------------------------|--|
| Yellow bellied sapsuck | AV |
| Pileated woodpecker | AV drumming |
| Hairy woodpecker | AV drumming |
| White breasted nuthatch | A |
| Redtailed hawk | V - soaring over top of property |
| Baltimore Oriole | AV - in locations of old nests found by CR, BB |
| Song sparrow | A |

Walked from Point 6 to Point 7. NEW Species observed:

| | |
|-------------------|----|
| Baltimore Oriole | AV |
| Nashville Warbler | AV |
| Northern Parula | AV |

Garter snake at point 7.

Walked from point 7 back to point 2 by way of the stream corridor. New species observed:

| | |
|--|----|
| Northern Waterthrush | V |
| Canada Warbler or Mourning? Warbler - verify | V |
| Gray Catbird | AV |

Drove to Wetland on Sheldon Avenue. Point # ask CR. Species observed:

| | |
|-----------------------------|----------------|
| Red winged blackbird | AV |
| Mockingbird | AV |
| Black throated blue warbler | AV - M& F pair |
| Swamp sparrow | A |
| Goldfinch | A |

Sunday May 11, 2008 -
Sunrise: - 5:41 AM
Sunset - 8:04 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Barry Babcock

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 40-45 degrees, clear
Survey Time: 6:15 AM

| | |
|------------------------------|----------------|
| Red bellied wp | A |
| Song sparrow | AV |
| Red winged blackbird | A |
| Grackle | AV |
| Robin | V -multiple |
| Goldfinch | A |
| Starling | FB |
| Common Yellowthroat | A |
| Canada Geese | AV -with young |
| Black throated green warbler | A |
| Cardinal | A |
| Ovenbird | A - distant |
| Catbird | AV |
| Tufted Titmouse | V |
| House Wren | A |
| Chipping Sparrow | A |
| Morning Dove | AV |
| Flicker | A |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 50-55 degrees, clear
Survey Time: 9:00 AM

| | |
|------------------------------|-------------|
| American Redstart | A |
| Wood thrush | A -multiple |
| Hairy wp | AV |
| Ovenbird | A |
| Grackle | AV |
| Black-throated green warbler | A |
| Cardinal | A |
| Red bellied wp | A |
| House Wren | A |
| Blue Jay | A -distant |
| Hooded Warbler | A |
| Catbird | A |

| | |
|------------------|---|
| Baltimore Oriole | A |
| Tufted Titmouse | A |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (ice pond)

Conditions: 40-45 degrees, clear
Survey Time: 7:03 AM

| | |
|------------------------------|-------------|
| Crow | AFB |
| Northern Waterthrush | A |
| Ovenbird | A |
| Wood thrush | A |
| Robin | V |
| White breasted nuthatch | A |
| Red bellied wp | A |
| Veery | A |
| Scarlet tanager | A |
| Blue Jay | A - distant |
| Baltimore oriole | A |
| Black-throated green warbler | A |
| Red eyed Vireo | A |
| Tufted titmouse | A |
| Rufous-sided towhee | AV |

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions:
Survey Time: 7:20 AM

| | |
|------------------------------|---------------|
| Chestnut sided warbler | A |
| Black and white warbler | A |
| Ovenbird | AV |
| Wood thrush | A |
| Veery | A |
| American Redstart | A |
| Black-throated green warbler | AV - multiple |
| Blue Jay | A -distant |
| Flicker | AV |
| Robin | V |
| Baltimore oriole | A |
| Grackle | V |
| Red eyed vireo | A |

Survey Location #5 41 03 18 N, 73 50 55 W
Wetlands behind homes

Conditions:

Survey Time: 7:43 AM

| | |
|------------------------------|-------------|
| Phoebe | AV |
| Black-throated green warbler | AV |
| Baltimore oriole | A |
| Ovenbird | A |
| House Wren | A |
| Cardinal | A |
| Robin | V |
| Carolina Wren | AV |
| Grackle | FB |
| Cowbird | AV |
| Common Yellowthroat | V - pair |
| Blue Jay | A -distant |
| Crow | A - distant |
| Scarlet tanager | A |
| Song sparrow | AV |
| Hooded warbler | A |
| Catbird | AV |
| BC chickadee | AV |
| Northern Parula warbler | AV |

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions:

Survey Time: 8:15 AM

| | |
|------------------------------|--------------|
| Northern Parula | AV |
| Rose breasted Grosbeak | AV- M & F |
| Black-throated green warbler | A |
| Cardinal | A |
| Catbird | A - multiple |
| Red bellied wp | AV |
| Morning Dove | AV |
| Blue Jay | AV |
| White throated sparrow | AV |
| Starling | FB |
| Ruby Crowned Kinglet | V - multiple |
| BC chickadee | A |
| Ovenbird | A |
| House Wren | AV |
| Flicker | V - |
| Hairy wp | A |
| Indigo Bunting | AV |
| Turkey Vulture | FB |

Survey Location #7A 41 03 27 N, 73 50 49 W

Center of property

Conditions: 50-55 degrees, sunny

Survey Time: 8:40 AM

| | | |
|------------------------------|----|---|
| Northern Parula warbler | A | |
| Black throated green warbler | A | |
| BC chickadee | A | |
| Cardinal | V | |
| Black and white warbler | AV | |
| American Redstart | A | |
| Blue jay | A | |
| Oriole | A | |
| Red bellied wp | | A |
| Scarlet Tanager | A | |
| Flicker | A | |
| Tufted Titmouse | A | |
| Goldfinch | FB | |

Survey Location #9 41 03 24 N, 73 51 14 W -

Hill on west side of property, south of private street

Conditions: 40-45 degrees, sunny

Survey Time: 6:30 AM

| | |
|------------------------------|--------------|
| Carolina Wren | A |
| Red bellied woodpecker | AV |
| Crow | A |
| Catbird | A |
| Black-throated green warbler | A - multiple |
| Ovenbird | AV |
| Cardinal | AV - pair |
| Blue Jay | A |
| Black-throated blue warbler | A |
| Rose breasted grosbeak | A |
| Northern Parula warbler | A |
| Eastern Phoebe | A |
| Downey wp | AV |
| American Redstart | A |
| Common Grackle | FB |
| Song Sparrow | AV |

NEAR Survey Location #8 41 03 31 N, 73 50 51 W

Wetland on Sheldon Ave -

| | |
|----------------|----|
| Yellow warbler | AV |
|----------------|----|

| | |
|-------------------------|----------|
| Rose breasted Grosbeak | A |
| Red winged blackbird | AV |
| Warbling Vireo | A |
| Northern Parula warbler | A |
| Common Yellowthroat | AV |
| Baltimore oriole | AV -pair |
| Cardinal | A |
| Robin | V |
| Wilson's Warbler | AV |
| Blue Jay | A |
| Grackle | FB |

OTHER NOTES

- Flicker's Nest found in large, rotted tree near parking area gates
- Red tail seen perched in tree near

**** NOT complete notes, only bullet points from comprehensive notes on TMA file ****

September 24, 2007

Bruce Friedmann

- Eastern box turtle
- Northern two lined salamander
- Red backed salamander
- Magnolia, white snake root, porcelain berry, hickories,

Thursday, October 4, 2007

Steve Marino and Chris Robbins

Mammals

Eastern chipmunk
deer skull
Eastern gray squirrels
Young of year fawns

Birds

blue jay
robins
wood ducks
red tail hawk with prey
pigeons

Amphibians & Reptiles

Red back salamander
yellow spotted salamander
green frogs
northern brownsnake

Trees, Shrubs & Herbaceous

Japanese bar berry
sugar maple
three foot diameter sugar maple
winged juncus
spice bush
garlic mustard
yellow birch
large bitter sweet choking a (looks like) Norway maple,
very large oaks
American elm
black birch
hickory
red maple
Viburnum lentago
black locust
poison ivy
virginia creeper
wild grape
five foot in diameter black or red oak
Hop horn beam
wild raisin
Norway spruces
beech
standing dead wood
tulip poplar
Really big, beautiful white oak
grape vines
stilt weed
frags

multi-floral rose
porcelain berry
smart weed
dogwoods
Pachysandra
Black cherry
Ailanthus

Gracemere Lake

The lady from across the street has come out to talk about the lake. It is the church apparently that mows the property down to the water line. She says she knows of carp, blue gills, small mouth bass, a herring that hangs out occasionally, snapping turtles, frogs and snakes but nothing specific.

Fungus Pictures

PA040079 - looks to be turkey tail - *Trametes versicolor* or maybe *Cerrena unicolor*

PA040078 and PA040080 - could be *Piptoporous betulinus* if that tree is black birch as it appears

PA 040109 and PA040110 - some sort of chanterelle mushroom.....need better pics or specimen to id.

Thursday February 28, 2008

Chris Robbins and Brian Bury

- At the wetlands near the property line (behind two run-down homes), Chris and I walked up on the hill following tracks that appeared to be left by a red fox. At one point, the tracks come to a spot where the animal likely killed and ate a large rodent/squirrel/rabbit. Pieces of the prey were left behind.
- At bird survey Point 7, raccoon tracks were seen in the snow. Remnants of an oriole nest were seen at this point, and also in the wetlands in the center of the property (Bird Point 6).
- Deer tracks were seen throughout the entire property and deer were seen at every bird survey point, likely the same "herd" of about 10-15 moving throughout the site.

Monday March 3, 2008

Brendan Masterson and Brian Bury

- Multiple bird nests, cannot positively id.
- There are many signs of deer (tracks and scat) throughout the entire site.
- Squirrels are seen throughout the entire site
- Skunk tracks
- red tailed hawk

- A picture was taken of a polypore fungus was seen growing on a poor condition black locust with poison ivy vines all over the trunk. The tree is not tagged but is near tree # 2193 on the ridge in the center of the property, north of the wetland. (near tree stand)
The polypore appears to be *Ganoderma applanatum* or "artist's fungus".
- Not far from the first sighting, there is a standing, dead black birch with multiple polypores along the trunk (pic). Again, these polypores appear to be the same *Ganoderma applanatum* or "artist's fungus".
- A third picture of a black birch in poor, almost dead condition was taken. This tree has a resupinate polypore (a fancy way of saying it's a bunch of shapeless fungal stuff spread across the bottom of a dead log) and several small (3-4 inch) polypores. These two could possibly be the same species, perhaps *Irpelex lacteus* or the common turkey tail *Trametes versicolor*. The large polypores could be *Daedaleopsis confragosa*.
- A picture was taken of a fungus on tree #2085 which has fallen on the ground. The color and texture of the remnant pieces of the polypore shows signs that this could be chicken of the woods *Laetiporus sulphureus* an edible mushroom. We will check this again in the summer/fall since that's when it's easier found (larger).
- Another picture of a downed maple tree was taken with a resupinate polypore, appearing to be *Irpelex lacteus* again. This tree is along the southern property line (possibly off site), southwest of the round structure at the top of the hill.

March 14, 2008

Steve Marino

Mammals

Eastern chipmunk
deer scat
Eastern gray squirrels

Birds

Can. geese
mockingbird
red bellied wp
house sparrow
Blue jay
White throated sparrow
Morning dove
Wood duck
hairy wp

- Walking along the edge of the pond looking for any sign of activity inside the pond itself, in the water, the water must still be too cold, don't have a thermometer with me today but the water must be too cold because I don't see any activity, no fish, no salamanders, water bugs or anything going on in the water itself.
- there is a hole burrowed into the leaf litter with some scat around the edge of the hole. The hole is about 2" in diameter (took photo).
- If there were many fish in this pond I would expect to see them sunning in some of the warmer, shallow exposed areas, but I don't see any signs of fish yet.
- Small brook feeding into the lake from the eastern end of the lake. It is flowing strong, almost full channel. Three other culverts entering the lake have significant flow, although they are not flowing full.
- Seems like the bottom line for today is; no turtles, no snakes, no frogs, no salamanders. Some birds, very few mammals, just appears that it is too early in the season for too much activity.

Tuesday March 25, 2008

Steve Marino

- Saw a large hawk, tried to take a photo of it, to see if I could identify it but it did not appear to be a red tail.
- There are a lot of sparrows working in the underbrush, under the barberry's here at this entrance. White cap chickadee and white breasted nut hatches in the trees.
- signs of deer crossing the stream and coming up the bank to the west
- turkey vulture
- There is a lot of bird activity in the open field, lawn area behind the old white house at the top of the wetland spur that comes in from the west into the stream corridor
- an open fragmities wetland with a lot of bird activity in this area.
- white throated sparrow, juncos, numerous sparrows in the multi-floral rose and barberries. squirrels chirping at each other. Saw a cardinal
- A lot of dead tree up here on top of the hill, lot of blow overs and wind throws. It has quieted down quit a bit.
- I found a woodchuck hole that looks like it has been active recently. That would be right near tree #1640.
- Note that there is a fairly constant hum from Route 287 just to the north of the site, through the leafless trees right now I can see reflections of the windows and see some of the larger trucks through the woods on Route 287.
- I see that hawk again and now he is flying from northeast to southwest and now south. I did not see the red tail to give him away as a red tail though
- deer tracks. Large and small deer dropping scattered all over the site.
- Pretty healthy grape vines, above two inches in diameter. It is running underneath tree #1458. Going back up the hill briefly to the south to check out a very large rock outcropping. Turned over some stones and some dead logs. Other than one centipede, nothing is really going on under there yet.
- Did find a small spot and took a picture of it where something has been digging and going after something it must have heard under the rocks, look like skunk more than likely or a raccoon.
- some scratches in the grass litter and leaf litter here in this area, most likely skunk,
- To the east side I have the lake on the adjacent parcel. A combination of native and ornamental trees and shrubs along here. There are a couple of large norway spruces, a couple of magnolia's, privet, forsythia, and I have red maples and green ash, large rhododendron.
- As part of the overall mitigation plan we should consider, by the clearing, the culvert, and restoring the little delta that has formed upstream, of this road crossing, at the top of the water course where the gated entrance comes in, or absent that maybe just dig all the material out and restore the stream channel into one stream channel again. Right now there is a lot of accumulated sand and sediment on the uphill side which is choking everything but the larger trees and on the downhill side there is a lot of erosion that blows over the top and creates erosion through there so . . . Using some of the stone is probably a good base for this damn or road crossing, to line a new channel coming down, clean out the tires and oil drum and other stuff that has accumulated along this area. To restore the stream channel would be a good mitigation project.

Wednesday, March 26, 2007

Steve Marino

- I am now at the pond again. Other than the bottom being covered with algae, the filament is green algae, there doesn't seem to be a lot going on but I do, just out of reach of where I can get with my boots, see a couple of spots that look like they might be opaque yellow spotted salamander, egg masses. Will have to come back with higher boots, and go in and take a look at the bottom, they are at the bottom, they are not up on sticks, they are not floating in anyway, they are just sitting at the bottom, but they do from the distance look like opaque egg masses.
- This pond and the entry stream through it is another place we can pull out a lot of sediment and clean up the edges with some new plantings and do a lot of nice things here. If we do something with the outlet structure, not necessarily rebuild the dam or anything but clean the outlet and do something to keep the water moving through there a little more to counteract some of this algae buildup.
- One squirrel nest, first one I have seen on the east side of the pond.

Other than deer tracks and deer scat, a couple of gray squirrels chasing each other around the woods and what looked like a skunk or a raccoon dig. Did not see anything of mammalian or herpetile origin today. Did see quite a few birds, some identifiable, some not. Nothing going on with the mammal and reptiles or amphibians, maybe to early in the season.

Tuesday January 8, 2008 -
Sunrise: - 7:20 AM
Sunset - 4:44 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 46 degrees, some fog
Survey Time: 7:05 - 7:20 AM

| | |
|------------------------|----|
| Starling | AV |
| Cardinal | A |
| English Sparrow | A |
| Carolina Wren | A |
| Black-capped Chickadee | AV |
| Mourning Dove | V |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 46 degrees, some fog
Survey Time: 7:35 - 7:50 AM

| | |
|--------------------------|------------------------|
| Yellow-bellied Sapsucker | AV |
| White-breasted Nuthatch | A |
| English Sparrow | A |
| Black-capped Chickadee | AV |
| Canada Goose | A - adjacent land pond |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (pond)

Conditions: 46 degrees, some fog
Survey Time: 7:55 - 8:10 AM

| | |
|--------------------------|----|
| Yellow-bellied Sapsucker | AV |
| Carolina Wren | A |
| English Sparrow | A |
| Black-capped Chickadee | AV |

Survey Location #4 41 03 17 N, 73 50 48 W

High point near round structure

Conditions:

Survey Time: 8:15 - 8:30 AM

Yellow-bellied Sapsucker A

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions:

Survey Time: 9:05 - 9:20 AM

Blue Jay A
Black-capped Chickadee AV
Carolina Wren AV

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions:

Survey Time: 9:05 - 9:20 AM

Blue Jay A
Black-capped Chickadee AV
Carolina Wren AV
Cardinal A
White-throated sparrow AV

Survey Location #7 41 03 27 N, 73 50 49 W

Center of property

Conditions: 50-55 degrees, sunny

Survey Time: 9:25 - 9:40 AM

Red-tailed Hawk A - moving in the distance
Black-capped Chickadee A
Carolina Wren A

Survey Location #8 41 03 31 N, 73 50 51 W

Near Sheldon Ave - Excess traffic noise from 287, if we choose to keep this point, make it the earliest point to avoid traffic noise

Conditions: 50-55 degrees, sunny

Survey Time: 9:45 - 10:00 AM

Yellow-bellied Sapsucker FB

PM SURVEY - Kendra Billings and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 60-65 degrees, cloudy
Survey Time: 3:00 - 3:10 PM

| | |
|--------------------------|---------------|
| Gulls | FB |
| Dark-eyed Junco | AV - multiple |
| Black-capped Chickadee | A |
| Song Sparrow | AV |
| Yellow-bellied Sapsucker | A |
| Tufted Titmouse | A |
| Crow | A |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 60-65 degrees, cloudy
Survey Time: 3:40 - 3:50 PM

| | |
|--------------------------|------------------|
| Yellow-bellied Sapsucker | AV FB - multiple |
| Carolina Wren | A |
| Starling | A |
| Hairy woodpecker | A - distant |
| Crow | A |
| Black-capped Chickadee | A |
| Red-tailed hawk | V - faint |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (pond)

Conditions: 60-65 degrees
Survey Time: 3:55 - 4:05 PM

| | |
|--------------------------|---------------|
| Yellow-bellied Sapsucker | AV |
| White breasted nuthatch | A |
| Downy Woodpecker | A |
| Hairy Woodpecker | A |
| Black-capped Chickadee | AV - multiple |
| Cardinal | A - distant |
| Crow | A |

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions: 58 degrees
Survey Time: 4:10 - 4:20 PM

| | |
|--------------------------|---|
| Yellow-bellied Sapsucker | A |
| Hairy Woodpecker | A |
| Chick | A |

Notes: A man walked his dog near the location, fire alarm, multiple train whistles

Survey Location #5 41 03 18 N, 73 50 55 W
Wetlands behind homes

Conditions: 58 degrees
Survey Time: 4:25 - 4:35 PM

| | |
|--------------------------|----|
| Mourning Dove | A |
| Carolina Wren | AV |
| White breasted nuthatch | A |
| Yellow-bellied Sapsucker | A |

Survey Location #6 41 03 24 N, 73 50 49 W
Wetlands in center of property

Conditions: 58 degrees
Survey Time: 4:40 - 4:50 PM

| | |
|-------------------------|---------------|
| Blue Jay | A |
| Black-capped Chickadee | AV |
| Tufted Titmouse | A |
| Cardinal | AV - multiple |
| White-throated sparrow | A |
| White breasted nuthatch | A |
| Downy woodpecker | A |
| Bat | |

Survey Location #7 41 03 27 N, 73 50 51 W - MOVED
Center of property

Conditions: 58 degrees
Survey Time: 4:55 - 5:05 PM - Low-light conditions

| | |
|--------------------------|---|
| Carolina Wren | A |
| White-throated sparrow | A |
| Yellow-bellied Sapsucker | A |
| Cardinal | A |

Survey Location #8 41 03 31 N, 73 50 51 W
Near Sheldon Ave

Did not survey due to excessive traffic noise and low-light conditions

Survey Location #9 41 03 24 N, 73 51 14 W - NEW LOCATION FOR PM SURVEY
Hill on west side of property, south of private street

Conditions: 60-65 degrees

Survey Time: 3:40 - 3:50 PM

| | |
|--------------------------|---|
| Blue Jay | A |
| Black-capped chickadee | A |
| Yellow-bellied Sapsucker | A |

Thursday February 28, 2008 -
Sunrise: - 6:32 AM
Sunset - 5:45 PM
Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: ~15 degrees F, Sunny, few clouds
Survey Time: 7:15 - 7:25 AM

| | |
|------------------------|-----|
| Blue Jay | A |
| Cardinal | A |
| House Sparrow | AV |
| Black-capped Chickadee | A |
| Mourning Dove | FBV |
| Northern Flicker | V |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: ~15 degrees F, Sunny, few clouds, breezy
Survey Time: 8:35 - 8:45 AM

| | |
|------------------------|---|
| Tufted Titmouse | A |
| Black-capped Chickadee | A |
| Blue Jay | A |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (pond)

Conditions: ~15 degrees F, Sunny, few clouds, breezy
Survey Time: 8:15 - 8:25 AM

| | |
|-------------------------|-----|
| Crow | FBV |
| White breasted Nuthatch | V |
| Downy Woodpecker | V |

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions: ~15 degrees F, Sunny, few clouds, breezy
Survey Time: 8:00 - 8:10 AM

| | |
|------------------------|---|
| Red-bellied woodpecker | A |
|------------------------|---|

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions: ~15 degrees F, Sunny, few clouds, breezy

Survey Time: 7:30 - 7:40 AM

| | |
|--------------------------|----|
| Blue Jay | A |
| House Sparrow | A |
| Red-tailed Hawk | FB |
| Yellow-bellied Sapsucker | A |
| Black-capped Chickadee | A |
| Ruby-crowned kinglet | V |

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions: ~15 degrees F, Sunny,

Survey Time: 8:50 - 9:00 AM

| | |
|--------------------------|----------------------|
| Raven | FB |
| Blue Jay | A |
| Black-capped Chickadee | A - multiple |
| House Wren | V |
| Cardinal | AV - Male and Female |
| White-throated sparrow | AV - multiple |
| Mockingbird | AV |
| American tree sparrow | AV - multiple |
| Chipping sparrow | AV - multiple |
| Yellow-bellied sapsucker | AV |
| Dark-eyed Junco | V |
| Downy woodpecker | AV |
| Tufted titmouse | AV |
| Purple Finch | AV |
| Red-bellied woodpecker | A |

Survey Location #7 41 03 27 N, 73 50 51 W

Center of property

Conditions: ~15 degrees F, Sunny, few clouds, breezy, some traffic noise

Survey Time: 9:15 - 9:25 AM

| | |
|------------------------|-------------|
| Blue jay | A |
| Black-capped Chickadee | A |
| Cardinal | A - distant |
| Tufted Titmouse | AV |
| Flicker | A |

Survey Location #9 41 03 24 N, 73 51 14 W

Hill on west side of property, south of private street

Conditions: ~15 degrees F, Sunny, few clouds, breezy, some traffic noise
Survey Time: 7:00 - 7:10 PM

| | |
|------------------------|----|
| Blue Jay | A |
| Black-capped chickadee | A |
| Downy woodpecker | A |
| House sparrow | AV |
| Cardinal | A |

PM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 20-25 degrees, sunny, breezy, some traffic noise
Survey Time: 2:10 - 2:20 PM

| | |
|----------|--------------|
| Blue jay | A - distant |
| Gull | FB - distant |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 20-25 degrees, sunny, breezy
Survey Time: 3:40 - 3:50 PM

| | |
|--------------------------|----|
| Yellow-bellied Sapsucker | AV |
| Hairy woodpecker | AV |
| Crow | A |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (pond)

Conditions: 20-25 degrees, sunny, breezy
Survey Time: 3:15 - 3:25 PM

| | |
|--------------------------|----|
| Yellow-bellied Sapsucker | A |
| Red-bellied woodpecker | AV |
| Hairy Woodpecker | A |

Survey Location #4 41 03 17 N, 73 50 48 W

High point near round structure

Conditions: 20-25 degrees, sunny, breezy

Survey Time: 3:00 - 3:10 PM

Red-bellied woodpecker A

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions: 20-25 degrees, sunny, breezy

Survey Time: 2:40- 2:50 PM

Crow AFB

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions: 20-25 degrees, sunny, breezy

Survey Time: 3:55 - 4:05 PM

| | |
|------------------------|---------------|
| Crow | A |
| Black-capped Chickadee | AV - multiple |
| House Finch | A |
| White-throated sparrow | AV - multiple |
| American tree sparrow | AV - multiple |
| Chipping sparrow | AV - multiple |
| Morning dove | V |
| Tufted titmouse | V |
| Purple Finch | V |

NOTES: On walk between Point 2 and Point 6, a large, un-identified raptor (likely a red-tailed hawk) perched in tree near the wetland. The raptor flew to another tree, perched momentarily, and flew off. The raptor was not able to identified due to trees and vines impairing the view.

Survey Location #7 41 03 27 N, 73 50 51 W

Center of property

Conditions: 20-25 degrees, sunny, breezy

Survey Time: 4:15 - 4:25 PM

| | |
|------------------------|------|
| Crow | AVFB |
| Black-capped Chickadee | A |

NOTES: Remnants of Oriole nest

Survey Location #9 41 03 24 N, 73 51 14 W -

Hill on west side of property, south of private street

Conditions: 20-25 degrees, sunny, breezy

Survey Time: 2:10 - 2:20 PM

| | |
|--------------------------|--------------------------|
| House sparrow | A - distant |
| Red-tailed hawk | FB - Over Gracemere Lake |
| Downy woodpecker | V |
| Yellow-bellied Sapsucker | A |

Thursday February 7, 2008 -
Sunset - 5:19 PM
Jardim East Site, Tarrytown, NY

PM SURVEY - Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: 40-43 degrees, overcast, slight wind
Survey Time: 3:05 - 3:15 PM

| | |
|--------------|--------------------------------|
| Canada Goose | AV - 20-30 individuals on pond |
| Blue Jay | A |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: 40-43 degrees, overcast,
Survey Time: 4:05 - 4:15 PM

| | |
|--------------------------|--------------|
| Yellow-bellied Sapsucker | A - Multiple |
| Downy Woodpecker | A |

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (pond)

Conditions: ~40 degrees, overcast,
Survey Time: 4:20 - 4:30 PM

Nothing!

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions: ~40 degrees, overcast, slight wind
Survey Time: 8:15 - 8:30 AM

| | |
|-------------------------|---|
| White Breasted Nuthatch | A |
|-------------------------|---|

Survey Location #5 41 03 18 N, 73 50 55 W
Wetlands behind homes

Conditions: 38-40 degrees, overcast, slight wind
Survey Time: 4:50 - 5:00 PM

| | |
|--------------------------|--------------|
| Yellow-bellied Sapsucker | A - Multiple |
| Downy Woodpecker | A |

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions: 40-43 degrees, overcast, slight wind

Survey Time: 3:35 - 3:45 PM

| | |
|------------------------|----|
| Black-capped Chickadee | AV |
| Hairy Woodpecker | A |
| Cardinal | AV |
| American Tree sparrow | AV |

Survey Location #7 41 03 27 N, 73 50 51 W

Center of property

Conditions: 40-43 degrees, overcast, windy - Heavy Traffic Noise

Survey Time: 3:50 - 4:00 PM

| | |
|------------------------|----|
| Black-capped Chickadee | AV |
|------------------------|----|

Survey Location #8 41 03 31 N, 73 50 51 W

Near Sheldon Ave - Excess traffic noise from 287, we chose not to survey at this point

Survey Location #9 41 03 24 N, 73 51 14 W -

Hill on west side of property, south of private street

Conditions: 40-43 degrees, overcast, slight wind

Survey Time: 3:20 - 3:30 PM

| | |
|-------------------------|---|
| Red-Tailed Hawk | VFB - Off of property (near Nigerian Embassy) |
| White Breasted Nuthatch | A |
| Red-Bellied Woodpecker | VA - Multiple |
| Crow | FB |

Friday February 8, 2008 -
Sunrise 6:59 AM

Jardim East Site, Tarrytown, NY

AM SURVEY - Chris Robbins and Brian Bury

Survey Location #1 41 03 24 N, 73 51 05 W
Gracemere Lake

Conditions: ~30-32 degrees, cloudy
Survey Time: 6:55 - 7:05 AM

| | |
|------------------------|----------------|
| Carolina Wren | A - distant |
| Canada Goose | AV - multiple |
| Black-capped Chickadee | A |
| House Sparrow | A |
| European Starling | A |
| Gray Catbird | A |
| Crow | A |
| Cardinal | A |
| Blue Jay | A |
| Morning Dove | V |
| Grackle | AV |
| Mallard | V - Pair (M/F) |

Survey Location #2 41 03 21 N, 73 50 44 W
Stream corridor below pond

Conditions: ~30-32 degrees, cloudy
Survey Time: 8:05 - 8:15 AM

| | |
|------------------|---|
| Blue Jay | A |
| Hairy Woodpecker | A |

Between Points 2 and 3, Chris spotted a small raptor (possible Sharp-Shinned?) Flying east through the tree canopy off of the property.

Survey Location #3 41 03 17 N, 73 50 43 W
Near impoundment (pond)

Conditions: ~30-32 degrees, cloudy
Survey Time: 8:25 - 8:35 AM

| | |
|------------------------|-----|
| Canada Goose | A |
| Gull (unidentified) | FB |
| Blue Jay | A |
| Black-capped Chickadee | A |
| Crow | AFB |

Survey Location #4 41 03 17 N, 73 50 48 W
High point near round structure

Conditions: ~30-32 degrees, cloudy

Survey Time: 8:40 - 8:50 AM

| | |
|--------------------------|----|
| Yellow-bellied Sapsucker | V |
| Hairy Woodpecker | AV |
| Blue Jay | A |
| Black-capped Chickadee | A |
| House Sparrow | A |
| Cardinal | A |

Survey Location #5 41 03 18 N, 73 50 55 W

Wetlands behind homes

Conditions: ~30-32 degrees, cloudy, snow flurries

Survey Time: 8:55 - 9:05 AM

| | |
|------------------------|---|
| Crow | A |
| Blue Jay | A |
| Black-capped Chickadee | A |
| House Sparrow | A |
| Carolina Wren | A |

Survey Location #6 41 03 24 N, 73 50 49 W

Wetlands in center of property

Conditions: ~30-32 degrees, cloudy

Survey Time: 7:35 - 7:45 AM

| | |
|------------------------|------|
| Carolina Wren | A |
| Black-capped Chickadee | AV |
| Tufted Titmouse | AV |
| Cardinal | AV |
| Downy woodpecker | A |
| Red Bellied Woodpecker | A |
| Crow | AVFB |
| Ducks (unidentified) | FB |

Survey Location #7 41 03 27 N, 73 50 51 W

Center of property

Conditions: ~30-32 degrees, cloudy

Survey Time: 7:50 - 8:00 AM

| | |
|--------------------------|----|
| Gull (unidentified) | FB |
| Yellow-bellied Sapsucker | A |
| Cardinal | A |
| Black-capped Chickadee | AV |
| Downy woodpecker | A |
| Red Bellied Woodpecker | AV |
| Crow | FB |
| European Starling | AV |
| Blue Jay | A |
| Mockingbird | A |

Survey Location #8 41 03 31 N, 73 50 51 W

Near Sheldon Ave

Did not survey due to excessive traffic noise

Survey Location #9 41 03 24 N, 73 51 14 W

Hill on west side of property, south of private street

Conditions: ~30-32 degrees, cloudy, Traffic Noise

Survey Time: 7:10 - 7:20 Am

| | |
|------------------------|----|
| Blue Jay | A |
| Crow | A |
| Canada Goose | A |
| Downy Woodpecker | A |
| House Sparrow | AV |
| Black Capped Chickadee | A |