

| Schuyler CR | | | | | | | | | | | |
|--------------------------------------|-------------------|-------------------|---|-------------------------------------|-----------------------------------|---|----------------------------------|--|----------------------------|------------------------------------|--|
| boundary and photo ref, revised 2012 | | | | | | | | | | | |
| date | Latitude | Longitude | monuments | angle (degrees) from previous point | length (feet) from previous point | other descriptors | confidence in boundary markings? | notes | original filmd photo # | photo date or original film photos | 2012+ digital photos (no #) |
| 4/15/2012 | 42.44456451 | -72.50790660 | metal rod, end of stone wall | | | nw corner of CR house uphill | high | note property continues along western line below. CR goes 91 deg for 793 feet to meet north corner | 1.02 and 1.03 | 4/15/2003 | SCR 2012.1 4/17/2012 |
| 1/1/2012 | 42.44426 | -72.50764000 | rod in wall "not easy to find" (not found) Fannie Taylor map shows same distance but closer to well | 345 | 64 | west line slight bend | never found but in stone wall | | | | (tree photo SCR 2012.2 4/15/2012) |
| 4/17/2012 | 42.44337712 | -72.50672693 | iron pin, in stones flush NOT FOUND lat/long is by matching old photo, but too far in distance | 336 | 504 | southwest corner, but 1st of two | medium | | | | SCR 2012.3 4/17/2012 |
| 4/15/2012 | 42.44326724 | -72.50658151 | iron pin, in stones 6" (at eastern edge of power line) no pin. Orange painted stones for mowers not line | 313 | 24 | southwest corner of CR | high | this is the 2nd in "double corner" | 1.09, 1.10 | 4/15/2003 | SCR 2012.4 4/15/2012 |
| 4/17/2012 | 42.44366 | -72.50373 | | 276 | 784 | south line slight bend | medium | from crest to here along old wire fence | d | | SCR 2012.5 4/17/2012 |
| 4/15/2012 | 42.44387903 | -72.50207280 | stone bound 4"x4" south end of short stone wall down hill marked corner Field & Williams, pile of stones | 272 | 444 | southeast corner of CR boundary marked in red by Mitchell | high | from powerline, line is just north of Mitchel woods road. DO NOT follow blue+orange marked trees, | 1.25 2.01, 2.02 2.03 | 4/15/2003 | SCR 2012.6 4/17/2012 |
| 4/15/2012 | 42.44423468 | -72.50224027 | | 180 | 118 | on east line, slight bend boundary marked in red by Mitchell | high | | | | SCR 2012.7 4/17/2012 |
| 4/15/2012 | 42.44489232 | -72.50228075 | NE corner, iron pipe in stone circle - easy to have ifill in with leaves pipe at E end of little stone wall before power line | 185 | 276 | boundary marked in red by Fields NE corner of CR | high | Orange tape continues north. Do not follow it. | | | SCR 2012.8 SCR 2012.9 both 4/17/2012 |
| 5/18/2012 | 42.44495300 | -72.50505400 | | 288 | 280 | line agreed to with Wenczels | high | | 2.08 2.09,2.10 | 4/15/2003 | SCR 2012.10 NO PICTURE (do without leaves) |
| | same as beginning | same as beginning | rebar at north end of stone wall | 271 | 739 | north corner of CR 1st powerline N of stones, the cross stone real stone wall at slight angle | high | (line does back to initial corner NW CR corner) | see beginning | | SCR 2012.11 4/17/2012 |

Schuyler Conservation Restriction
April-May 2012, new gps readings and new photographs

SCR 2012. 1
42.44456451 -72.50790660
April 17, 2012

NW corner, pipe at tree and at
N end of stone wall,
Looking W into neighbor's property.

Note: this is the second almost-
parallel stone wall. It runs
below/west of dug well which
is somewhat farther south.

There is a second pin in the
stone wall ("flush in wall") that
has never been found.



SCR 2012.2
42.44396939 -72.50726572
April 15, 2012

On CR, along west line.
one of the many field-grown
pines indicating the past history of the
property. (There is a picture of the
same/similar tree in 2003 (#1.06).



SCR 2012.3
42.44337712 -72.50672693
April 17, 2012
looking back more or less
along line.

Taken as close as possible to
location of picture below.
(Large fallen tree just behind
the photographer.)

Backpack where stake probably
is in picture below. No stake found
(might be under tree)

Close. . . .



(arrows to large tree, 2 stumps)

(below) 2003 1.07 “first of double corner, (SW corner) looking back along line.”



SCR 2012.4
42.44326724 -72.50658151
April 15, 2012

Second SW “double corner”
From here trail goes between
“slot” with larger cliff-like rock
on the right/south.



SCR 2012.5
April 17, 2012

Photo from the power line looking
north into CR. First stone (with orange
X) is slightly south of line, Next stones
are north of line.

When entering CR on east side of power
line, the woods road is slightly south of
line (on Williams/Mitchell property).
Be careful to follow orange-marked line
and NOT blue X + orange-marked line
of trees to be logged.



SCR 2012.6
42.44387903 -72.50207280
April 17, 2012

SE corner, at downhill
end of small stone wall.

Note: label put on
picture at time of
photograph is incorrect.
(It is the same as previous
picture.)

See same corner in
2003 1.25



SCR 2012.7
42.44423468 -72.50224027
April 17, 2012

Corner along eastern line. This marks
slight change in angle and also the line
between Williams/Mitchell land
to the south and C & E Field land
to the north.



SCR 2012.8
42.44489232 -72.50228075
April 17, 2012

NE Corner
view of pipe in circle of stones

Note orange surveyor's tape
continued along line to north.
DO NOT follow it.



SCR 2012.9
April 17, 2012

pipe up close



SCR 2012.10

42.44503473 -72.50512783

(take new picture when leaves are off)

pipe at east end of short stone wall
(on north edge)

Also see 2003, #2.08

At this point, CR goes west
and the Schuyler line for the land
outside the CR goes north.

Do not follow this stone wall
(which becomes line of rubble,
presumably where power company
equipment flattened the wall)
which angles slightly to
the south.

SCR 2012.11

April 17, 2012

Looking back/east to
power line. along line.
Note: CR line does NOT follow
stone wall, but cross the wall
and goes slightly south.



Baseline Data Report: Schuyler Conservation Restriction

On April 15, 2003 Sheila Seaman, Bill and Mary Alice Wilson walked the boundaries of the proposed 16.5-acre Conservation Restriction with owner Evie Schuyler. We talked about the history of the land and took photographs along the line and at the corners. The Wilsons returned on April 19th to retake a few photographs.

A copy of the photo log is attached; photograph numbers are cited in the text.

The land included in the Conservation Restriction is a marvelous example of upland forest and a case study in the geology and land use history of Leverett.

The property is characterized by rolling hills with moderately flat hilltops. The topography is controlled by the bedrock of the area, which is dominantly the Ordovician (505-438 million-year-old) Fourmile Gneiss, a biotite gneiss characterized by included amphibolite flows and/or dikes. Before they were metamorphosed, these rocks are likely to have been granitic to intermediate plutonic rocks, with minor volcanic layers. On the Schuyler property, the Fourmile Gneiss has been intensely intruded by pegmatite pods and dikes, possibly related to fluid flow along a splay of the Connecticut Valley border fault. The border fault was produced by Mesozoic crustal extension associated with the opening of the Atlantic Ocean. A total offset of approximately 7000 meters occurred along the border fault, with the western, downdropped side collecting sediment shed off of the Paleozoic highlands to the east. In the region of the Schuyler property, the border fault consists of several down-stepped crustal pieces. To the west of the property is a fault contact running approximately coincident with Doolittle Brook, along which Ordovician Fourmile Gneiss and Partridge Formation on the west is juxtaposed with Precambrian (greater than 585 million years old) Dry Hill Gneiss on the east. Another splay of the fault either intersects the Schuyler property, or comes within several hundred meters to the east of it, and juxtaposes two blocks each made up of rocks of similar, Paleozoic age, dominated by the Ordovician Fourmile Gneiss and the Devonian (408-360 million years old) Littleton Formation.

The flatter, western area is a mixed deciduous stand (photograph number 3.06) growing on an abandoned field. The outline of the old field is very clear in the aerial photos (1992 and 2001). Other property lines are bordered by stone walls (1.02), the double stones of former Virginia-rail fence lines (1.23), and the remaining strands of barbed wire deeply embedded in the trees (1.14). There is an old, stone-lined "well" probably built over a seep or small spring (1.01) and the traditional farm dump on the western edge (3.01). Much of the western side is hemlock and hardwood (3.03). One former open area, is white pine (2.12).

The aerial and ground photographs also show the power line which runs through the property. The Schuylers have maintained the eastern section of the power line by having it mowed (2.18). The western section has low-growing shrubs, primarily juniper (3.04).

As the ground photographs show, there is a wide range of habitat areas on the Conservation Restriction including young mixed deciduous forest; hardwood-hemlock, hemlock, and white pine stands; power line shrub; and seasonally-mowed areas under part of the power line and near the northwest corner. The older sections of the forest have coarse woody debris. It is a rich and varied habitat.

It is only necessary to walk the southwestern boundary, looking at the neighboring land being logged in preparation for development (1.04) to realize the importance of this Conservation Restriction. In addition, the Scuyler Conservation Restriction anchors a wildlife corridor to the west linking this upland area, through forest, farmland, and wetlands to the East Leverett Meadow (already owned and managed by the Rattlesnake Gutter Trust). Indeed, it is possible to see the East Leverett Meadow from the Schuyler property by looking along the power line (1.20). Fortunately none of the land along this corridor is presently developed and much is already under some form of conservation management. The Schuyler Conservation Restriction will help the Trust as it works to strengthen the protection along this entire corridor.

Mary Alice Wilson, Sheila Seaman
Rattlesnake Gutter Trust Board Members
May 12, 2003