

2013-14 Planting Areas at Frautschi Point main path – Pre-planting records

Location	Vegetation before planting	Site history	Site preparation	Plants planted	Goals of 2013 planting	Weather at planting	Follow-up 2013 and subsequent years
MAIN PLANTING AREA	<p><u>Mature trees:</u> red pine spruce hackberry box elder? mulberry ash?</p> <p><u>Unterstory:</u> elderberry</p> <p><u>Saplings:</u> sugar maple buckthorn box elder</p> <p><u>Ground cover:</u> .</p>	<p><u>Oct 2009:</u> Glenda worked with Eagle Scout and 15 of his friends and relatives. They built one path into the area from Big Oak trail and another path from the main Path, forming a large square. The plot was totally cleared. Virtually all undesirables were dug out or removed by weed wrench, mostly buckthorn and honeysuckle. Bigger, tree-like buckthorn were removed later by Preserve staff. The big logs now seen from the main path in the background were present at the time.</p> <p><u>2009 list of plants, 6 flats:</u> columbine, balck-eyed susan (didn't do so well), Short's aster, Sprengel's sedge, bottlebrush grass, blood root. Also pagoda saplings and one black cherry.</p> <p>Photos exist of 2009 work and 2010 first growth (glenda) <u>2011 and 2012</u> Glenda cut back or removed buckthorn and honeysuckle regrowth and kept garlic mustard under control. She moved in wild geranium and wood violte from other areas. She also cut back elderberr each year to thin it out.</p> <p>(Also, from 2005 onward Glenda and Friends planted wild flowers, fern and sedges all along Big Oak trail, within a about ayard of trail.</p>	<p>Assessment by Preserve staff before planting: The current condition of these areasvaries. Some areas were planted in the past by Friends volunteers; in these areas we will suplement what already exists. Other areas are bare, especially under the large mature conifers and were invasive woody vegetation was removed.</p> <p>In Feb 2013, volunteers prepared the planting sites by removing invasive woody vegetation. Staff treated cut stems with herbicide. Native elderberry was cut back but not treated. Thee hackberry (15-20feet tall) were removed from the southeast corner at the junction of main path and trail to allow more light to enter the site. All brush was piled, chipped and removed.</p> <p>During planting, considerable amounts of woodbine were pulled or cut.</p>		<p>The 2006 Masterplan called for woodland. The existing vegetation was uncontrolled wood growth on previously open land (not farmed). Invasive honeysuckle and buckthorn moved into the area during the late 1970s.</p> <p>In the 2013 planting effort, the GOAL was interpreted as "OPEN WOODLAND" vegetation.</p> <p>Questions: -was there any work done in this area between 1980-2009.</p> <p>-do Kathy Brock or Glenda have records, photos? Glenda can contribute more details from 2005 onward, when she began keeping her records and planting along Big Oak trail.</p>	<p>Sunny during planting day, followed by a dry period.</p>	<p>Glenda followed up with watering occasionally during the first summer. She has been maintaining the area to a degree, with assistants, since planting time. Currently in 2017, we observe sprouting of maple saplings, woody invasives regrowth, and prolific growth of woodbine hindering the natural spreading of the 2013 and later plantings..</p> <p>Left to itself, this area would likely tend toward a mature maple/basswood forest. To keep an Open Woddland vegetation, continual care is required.</p> <p>2015: great blue lobelia, great hyssops, smooth and Short asters, spiknard, jakes, white baneberry</p>

Sub- division 1	Elder shrub thicket, bird paradise, and garlic mustard and vines of various kinds. Also Pokeweed. Common milkweed was already growing.	Since about 2007 Glenda push elderberry growth back a bit, to plant wild flowers, yellow and lavender hyssop, joe pye weed, tall coreopsis, jacobs ladder along the edge. Also some bloodroot a couple yards in.	Weed wrenching and cutting back elderberries and poke weed.		Further improve the area by adding to the diversity of this border at the entrance of the path.	Same as in preparation. Also columbine and jacob's ladder
Sub- division 2					To draw in visitors to the area through scattered wild flower vegetation along the entire distance from entrance to trail junction	
Sub- division 3				Spikenard, ginger, columbine, Jacob's ladder, Sprengel's sedge, Short's aster, Pennsylvania sedge	To take advantage of added light, due to clearing of the east side of the main path, and plant a variety of part shade wild flowers.	
Sub- division 4	Woodbine, non-native grasses, some black raspberries and seedling trees of elderberry and others. Some violets,	Removed garlic mustard, stick tights, woodbine		Planted from 2013 plant in high concentrations	Create a lovely wildflower area at this highly visible trail junction by removing	
Additional planting area along Big oak trail						