

Table C-2. Basal area of woody species sampled
from the Steel Creek corridor^a
(In square meters per hectare)

Species	Sampling location ^b			
	10	35	50	100
Trees				
<u>Acer rubrum</u>	0.08			0.72
<u>Amelanchier</u> sp.				0.03
<u>Baccharis halimifolia</u>	0.52			0.20
<u>Cornus florida</u>				0.05
<u>Liquidambar styraciflua</u>	0.14	0.06		0.23
<u>Liriodendron tulipifera</u>				8.68
<u>Myrica cerifera</u>				0.59
<u>Pinus taeda</u>				0.25
<u>Platanus occidentalis</u>	0.31			
<u>Salix</u> spp.	1.93	0.70		
Total	2.98	0.76	0	10.75
Shrubs				
<u>Acer rubrum</u>	0.08		1.35	
<u>Alnus serrulata</u>	9.37	3.27	11.87	1.20
<u>Campsis radicans</u>				0.03
<u>Liquidambar styraciflua</u>				0.53
<u>Myrica cerifera</u>	2.79			
<u>Platanus occidentalis</u>	0.41			0.20
<u>Quercus</u> spp.	1.23			
<u>Salix</u> spp.		0.20	0.01	
Total	13.88	3.47	13.23	1.96
Grand Total	16.86	4.23	13.23	12.71

^aAdapted from Smith et al. (1981).

^bSampling locations are shown in Figure C-3.

Table C-3. Occurrence and biomass of herbaceous flora sampled from the Steel Creek corridor^a
(In grams per square meter)

Species	Sampling location ^b				Average
	10	35	50	100	
<u>Acer rubrum</u>	0.52	0.52			0.26
<u>Aneilema keisak</u>				90.60	22.65
<u>Boehmeria cylindrica</u>	0.32	8.36	180.80		47.37
<u>Campsis radicans</u>	0.08				0.02
<u>Cicuta maculata</u>				19.20	4.80
<u>Cuscuta</u> spp.		7.56	2.12		2.42
<u>Decumaria barbara</u>	0.64				0.16
<u>Galium obtusum</u>		0.48			0.12
<u>Galium tinctorum</u>			0.24		0.06
<u>Gelsemium sempervirens</u>	2.68				0.67
<u>Gnaphalium</u> sp.	0.08				0.02
<u>Hydrocotyle</u> sp.			0.32		0.08
<u>Hypericum mutilum</u>		9.36	6.84		4.05
<u>Hypericum walteri</u>		0.08		12.92	3.25
<u>Impatiens capensis</u>		4.64	4.64	4.20	3.37
<u>Juncus effusus</u>		5.36	8.84		3.55
<u>Leersia</u> spp.	0.72			1.76	0.62
<u>Lespedeza</u> sp.		0.20	11.88		3.02
<u>Lonicera japonica</u>	0.48			1.16	0.41
<u>Ludwigia virgata</u>		8.88	3.36		3.06
<u>Lycopus rubellus</u>		10.72			2.68
<u>Mikania scandens</u>		2.36	3.48	4.20	2.51
<u>Myrica cerifera</u>				0.36	0.09
<u>Onoclea sensibilis</u>	2.64			18.68	5.33
<u>Panicon</u> spp.	0.24	1.26	5.36		1.72
<u>Polygonum hydropiperoides</u>		25.56			6.39
<u>Polygonum sagittatum</u>		4.08	0.20		1.07
<u>Rubus</u> sp.		37.04	172.68	74.44	71.04
<u>Salix</u> spp.				1.20	0.30
<u>Scirpus cyperinus</u>			25.64		6.41
<u>Scutellaria laterifolia</u>			0.60		0.15
<u>Solidago</u> sp.		1.92	3.92		1.46
<u>Miscellaneous</u>	0.72	0.56	0.52		0.45
Total	9.12	128.94	431.44	228.72	199.56

^aAdapted from Smith et al. (1981).

^bSampling locations are shown in Figure C-3.