

Mean (+ std. err.) stem density/ha of sapling, understory tree, and shrubs sampled by the INAI in maple, red oak, and white oak stand shrublayer plots in 1976. Simpson's diversity index ANOVA (F = 8.54, P = .0017). Asterisks (*) indicate alien species.

	Maple	stands	Red oak	stands	White oak	stands
<u>Saplings</u>	<u>Mean</u>	<u>Std. err.</u>	<u>Mean</u>	<u>Std. err.</u>	<u>Mean</u>	<u>Std. err.</u>
<i>Acer saccharum</i>	4080.00	623.21	1862.50	876.67	175.00	109.79
<i>Fraxinus americana</i>	70.00	39.58	387.50	187.50	337.50	175.19
<i>Prunus serotina</i>	100.00	80.28	562.50	239.74	237.50	159.17
<i>Ulmus rubra</i>	230.00	137.48	475.00	180.03	162.50	92.46
<i>Tilia americana</i>	90.00	37.86	150.00	100.00	50.00	32.73
<i>Carya ovata</i>			43.75	29.03	112.50	47.95
<i>Carya cordiformis</i>	10.00	10.00	18.75	13.15	137.50	84.38
<i>Fraxinus pennsylvanica</i>			112.50	112.50	162.50	162.50
<i>Quercus rubra</i>	30.00	30.00	62.50	41.99	112.50	87.50
<i>Fraxinus quadrangulata</i>	20.00	20.00			162.50	162.50
<i>Ulmus americana</i>	50.00	40.14			25.00	25.00
<i>Fraxinus nigra</i>	30.00	30.00			12.50	12.50
<i>Quercus alba</i>	10.00	10.00	12.50	12.50	12.50	12.50
<i>Quercus ellipsoidalis</i>					12.50	12.50
<i>Quercus macrocarpa</i>					12.50	12.50
Sapling density	4720.00		3687.50		1725.00	
<u>Small trees</u>	<u>Mean</u>	<u>Std. err.</u>	<u>Mean</u>	<u>Std. err.</u>	<u>Mean</u>	<u>Std. err.</u>
<i>Crataegus pruinosa</i>			56.25	56.25	537.50	386.81
<i>Ostrya virginiana</i>	80.00	15.49	212.50	87.50	312.50	174.68
<i>Carpinus carolina</i>	70.00	16.36	12.50	12.50	125.00	111.40
<i>Crataegus sp.</i>			18.75	13.15	87.50	51.54
<i>Crataegus mollis</i>			137.50	101.66	87.50	39.81
<i>Malus ioensis</i>	10.00	3.16	25.00	25.00	12.50	12.50
<i>Crataegus punctata</i>			12.50	12.50	12.50	12.50
<i>Crataegus succulenta</i>	10.00	3.16				
* <i>Rhamnus cathartica</i>	31.25	21.00	50	26.73		
* <i>Rhamnus frangula</i>	12.50	12.50				
Small tree density	213.75		525		1175	
<u>Shrubs</u>	<u>Mean</u>	<u>Std. err.</u>	<u>Mean</u>	<u>Std. err.</u>	<u>Mean</u>	<u>Std. err.</u>
<i>Viburnum prunifolium</i>			43.75	37.13	3775.00	3746.55
<i>Prunus virginiana</i>	90.00	11.00	787.50	345.60	450.00	153.53
<i>Viburnum rafinesquianum</i>			737.50	631.03	2187.50	1504.11
<i>Cornus racemosa</i>			693.75	549.71	1362.50	582.47
<i>Hamamelis virginiana</i>	510.00	124.76	62.50	62.50	250.00	236.04
<i>Viburnum acerifolium</i>	280.00	70.05	137.50	111.70	437.50	437.50
<i>Corylus americana</i>	10.00	3.16	375.00	153.24	137.50	82.24
<i>Rubus strigosus</i>			75.00	75.00	100.00	100.00
<i>Viburnum lentago</i>			87.50	74.25	25.00	16.37
<i>Cornus rugosa</i>	60.00	18.97				
<i>Rubus occidentalis</i>			50.00	50.00	12.50	12.50
* <i>Viburnum opulus</i>	10.00	3.16			37.50	37.50
<i>Cornus alternifolia</i>	30.00	9.49				
<i>Euonymus atropurpureus</i>			12.50	12.50		
<i>Rhus radicans</i>			12.50	12.50		
<i>Ribes americanum</i>					12.50	12.50
<i>Ribes sp.</i>	10.00	3.16				
<i>Rubus pensilvanicus</i>			12.50	12.50		
<i>Xanthoxylum americanum</i>			12.50	12.50		
* <i>Lonicera sp.</i>	62.5	62.50	87.50	74.25		
Shrub density	1062.5		3187.50		8787.5	
Total stand density	5996.25		7400.00		11687.50	
Simpsons Index (D)	0.3557		0.7187		0.6858	

