

TABLE 83. Relationship of nonvigorous standing overstory trees (*U. americana* and all others) to *H. helix* and *L. japonica* vines from a census survey by cross-classification

Vigor of tree	Nonvigorous standing trees					
	<i>Ulmus americana</i>					
	<i>H. helix</i> only	<i>L. japonica</i> only	Both exotic vines on same tree	Subtotal for exotic vines	No exotic vines	Total for <i>Ulmus americana</i>
Dead	57% (60)	9% (9)	3% (3)	69% (72)	31% (33)	100% (105)
Dying	38% (12)	16% (5)	0% (0)	53% (17)	47% (15)	100% (32)
Both types	— (72)	— (14)	— (3)	— (89)	— (48)	— (137)

Vigor of tree	Nonvigorous standing trees					
	All others					
	<i>H. helix</i> only	<i>L. japonica</i> only	Both exotic vines on same tree	Subtotal for exotic vines	No exotic vines	Total for all others
Dead	34% (48)	8% (11)	1% (1)	42% (60)	58% (82)	100% (142)
Dying	35% (53)	6% (9)	0% (0)	41% (62)	59% (88)	100% (150)
Both types	— (101)	— (20)	— (1)	— (122)	— (170)	— (292)

Note: Some percents may not add to totals or subtotals due to rounding, absolute data in parentheses;

51% of all standing nonvigorous trees (*U. americana* and all others) have no exotics, 49% of all standing nonvigorous trees (*U. americana* and all others) have exotics; of this latter group

40% of all trees (*U. americana* and all others) have *H. helix* only,
8% of all trees (*U. americana* and all others) have *L. japonica* only,
1% of all trees (*U. americana* and all others) have both species.