

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber cu ft/ac	
GpE: Gilpin-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- northern red oak---- scarlet oak----- white oak----- yellow poplar-----	81 84 81 74 91	--- 72 --- --- ---	---
Lily-----	4R	Moderate	Moderate	Moderate	---	Moderate	black oak----- chestnut oak----- northern red oak---- scarlet oak----- white oak----- yellow poplar-----	85 76 84 81 85 95	--- --- 72 --- --- ---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Ho: Holly-----	5W	Slight	Severe	Moderate	---	Severe	American sycamore--- pin oak----- red maple-----	--- 90 ---	--- 72 ---	---
Lobdell-----	5A	Slight	Slight	Slight	---	Severe	northern red oak---- red maple----- yellow poplar-----	87 --- 96	72 --- 100	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
ImE: Itmann-----	---	Severe	Severe	Severe	---	Slight	red maple----- sweet birch-----	--- ---	--- ---	---
ItF: Itmann-----	---	Severe	Severe	Severe	---	Slight	red maple----- sweet birch-----	--- ---	--- ---	---
KcF: Kaymine-----	4R	Severe	Severe	Moderate	---	Moderate	American sycamore--- black locust----- eastern white pine-- northern red oak---- red maple----- yellow poplar-----	90 100 94 80 --- 105	--- --- --- 57 --- ---	---

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32E: Highsplint-----	8R	Severe	Severe	Slight	Slight	Moderate	northern red oak---- sugar maple----- white oak----- yellow poplar-----	--- --- --- 100	--- --- --- 114	eastern white pine, northern red oak, shortleaf pine, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
38F: Highsplint-----	8R	Severe	Severe	Slight	Slight	Moderate	northern red oak---- sugar maple----- white oak----- yellow poplar-----	--- --- --- 100	--- --- --- 114	eastern white pine, northern red oak, shortleaf pine, yellow poplar
Matewan-----	2R	Severe	Severe	Moderate	Moderate	Moderate	chestnut oak----- northern red oak---- red maple----- scarlet oak-----	76 75 --- 76	57 57 --- 57	---
Cloverlick-----	---	---	---	---	---	---	American basswood--- northern red oak---- sugar maple----- yellow poplar-----	--- 85 --- 110	--- 72 --- 114	eastern white pine, northern red oak, shortleaf pine, white ash, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
29E: Highsplint-----	8R	Severe	Severe	Slight	Slight	Moderate	northern red oak---- sugar maple----- white oak----- yellow poplar-----	--- --- --- 100	--- --- --- 114	eastern white pine, northern red oak, shortleaf pine, yellow poplar
Urban Land-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
27F: Itmann-----	---	Severe	Severe	Severe	---	Slight	Virginia pine----- black locust----- eastern white pine-- red maple----- shortleaf pine----- sweet birch-----	--- --- --- --- --- ---	--- --- --- --- --- ---	---

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07: Lobdell-----	5A	Slight	Slight	Slight	---	Severe	American sycamore--- black cherry----- black walnut----- northern red oak--- red maple----- yellow birch----- yellow poplar-----	--- --- 87 --- --- 96	--- --- 72 --- ---	---
Sensabaugh-----	4A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black walnut----- shortleaf pine----- white oak----- yellow poplar-----	75 --- 80 80 100	114 --- 129 57 114	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
21E: Marrowbone-----	2R	Severe	Severe	Moderate	Moderate	Moderate	chestnut oak----- northern red oak--- red maple----- scarlet oak-----	76 75 --- 76	57 57 --- 57	---
Matewan-----	2R	Severe	Severe	Moderate	Moderate	Moderate	chestnut oak----- northern red oak--- red maple----- scarlet oak-----	76 75 --- 76	57 57 --- 57	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
31F: Matewan-----	2R	Severe	Severe	Moderate	Moderate	Moderate	chestnut oak----- northern red oak--- red maple----- scarlet oak-----	76 75 --- 76	57 57 --- 57	---
Highsplint-----	8R	Severe	Severe	Slight	Slight	Moderate	northern red oak--- sugar maple----- white oak----- yellow poplar-----	--- --- --- 100	--- --- --- 114	eastern white pine, northern red oak, shortleaf pine, yellow poplar

