

Forest Pests & Diseases List

Rank #	Ecological Rank Definitions
1	This category includes species that are rapid colonizers with the potential to overwhelm forest ecosystems at a watershed scale, and to transform the character and composition of native forests indefinitely. Successful establishment of these species within the watershed is associated with significant ecological, social and economic impacts.
2	This category includes species with the potential to impact forest ecosystems on a watershed scale. These species are more specialized, often targeting specific communities or non-dominant species. Successful establishment of these species is associated with ecological, social, and economic impacts however, natural systems may be able to recover over time.
3	This category includes species with the potential to impact forests at a community level. Localized impacts of these species may be significant but they are often self-regulated by environmental conditions.
*	These species are not yet present in the watershed. These are on a 'watch list' of species that have the potential to impose significant impacts on forest systems should they be introduced.
Rank #	Management Rank Definitions
1	This category includes species whose distribution and occurrence is such that efforts to eradicate new infestations may prove successful if undertaken in a timely manner. Tools or techniques are available to enable management of small, newly established occurrences. Rapid response to detection is advisable on any new reports.
2	This category includes species with established populations in the watershed. Species may be controlled with management actions, however these options are costly and are only utilized where and when appropriate.
3	This category includes species that have already spread throughout the watershed or there are no tools and techniques available to contain or slow the spread. Ongoing management options are limited and these species continue to alter the composition and character of forested landscapes.

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Common Name	Latin Name	Ecological Rank	Management Rank
Beech Bark Disease (scale)	<i>Cryptococcus fagisuga</i> (scale) <i>Neonectria faginata</i> (fungus)	1	3
Emerald Ash Borer	<i>Agrilus planipennis</i>	1	3
Butternut Canker	<i>Sirococcus clavigignenti-juglandacearum</i>	2	3
Dutch Elm Disease	<i>Ophiostoma ulmi</i> , <i>O. himal-ulmi</i> , <i>O. novo-ulmi</i>	2	3
LDD	<i>Lymantria dispar dispar</i>	2	2
Imported Willow Leaf Beetle	<i>Popillia japonica</i>	3	2
Japanese Beetle	<i>Cronartium ribicola</i>	3	3
Large Pine Weevil	<i>Hylobius abietis</i>	3	2
Pine Shoot Beetle	<i>Tomicus piniperda</i> (L.)	3	2
Satin Moth	<i>Plagiodera versicolora</i>	3	2
Sirex Wood Wasp	<i>Sirex noctilio</i> (F.)	3	2
White Pine Blister Rust	<i>Leucoma salicis</i>	3	2
Asian Long-horned Beetle	<i>Anoplophora glabripennis</i>	1*	1
Hemlock Woolly Adelgid	<i>Adelges tsugae</i>	1*	1
Oak Wilt	<i>Bretziella fagacearum</i>	1*	1
Spotted Lanternfly	<i>Lycorma delicatula</i>	1*	2
Beech Leaf Disease		2*	3