

Other Species Considered Good Bioindicators for Ground Level Ozone

Common Milkweed is not the only species sensitive to ground level ozone, there are many others. The following is a list of species considered to be good bioindicators for ground level ozone.

What are the characteristics of a bioindicator for ground level ozone?

- Species exhibit an easily recognized injury from ambient ground level ozone concentrations.
- Laboratory testing has proved the species' sensitivity to ground level ozone.
- Species are widely distributed (not rare species that only one locale might find).
- Species are easily identified in the field.

Plant List

<u>Scientific Name</u>	<u>Common Name</u>	<u>Growth Type</u>	<u>Origin</u>
<i>Ailanthus altissima</i>	Tree-of-heaven	Tree	Non-native
<i>Apocynum androsaemifolium</i>	Spreading dogbane	Forb	Native
<i>Asclepias exaltata</i>	Tall milkweed	Forb	Native
<i>Asclepias syriaca</i>	Common milkweed	Forb	Native
<i>Aster macrophyllus</i>	Big-leaf aster	Forb	Native
<i>Cercis canadensis</i>	Redbud	Tree	Introduced - Escaped
<i>Fraxinus americana</i>	White Ash	Tree	Native
<i>Oenothera elata</i>	Evening primrose	Forb	Native
<i>Platanus occidentalis</i>	American sycamore	Tree	Found in Southern WI
<i>Populus tremuloides</i>	Quaking aspen	Tree	Native
<i>Prunus serotina</i>	Black cherry	Tree	Native
<i>Prunus virginiana</i>	Choke cherry	Tree	Native
<i>Rubus parviflorus</i>	Thimbleberry	Shrub	Native
<i>Rudbeckia laciniata</i>	Cut-leaf coneflower	Forb	Native
<i>Sambucus canadensis</i>	American elder	Shrub	Native
<i>Sambucus racemosa</i>	Red elderberry	Shrub	Native
<i>Symphoricarpos albus</i>	Common snowberry	Shrub	Native
<i>Vitis labrusca</i>	Northern fox grape	Woody-vine	Introduced – Escaped



Species list provided by the National Parks Service and US Fish and Wildlife Service.