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First name: Dietrich

Last name: Hoecht

Organization:

Title:

Comments: One more thing to consider - in prescribing the herbicide application, i.e. the radius excluding such spraying: how do we know what plants need to be protected? A survey may or may not be done by an individual or team in the correct way. Is it the right month or season to make visible individual plants? Often the few are the most valuable ones and they may slip the attention. Then, unless a plant is flowering it is hard to identify one. Example: three bird orchid. Then there are biannuals, which may just not be there for another year after they disappeared, like yellow fringed orchids. Another example: I recently found a blue bottle gentian. A single plant with no other companions known in a half-mile radius (i have pretty well scoured the neighborhood). Where did it come from? A sprouted seed? But what would a herbicide do? Then, what about mushrooms? There is often a multi-year pause in many species reappearing. Do we know how a specific herbicide affects mushroom populations?

My point - herbicides fool with mother nature in a way that we cannot fully control, and we often don't know their effect on the flora/fauna in a broader scope. They are quarrelsome, those herbicides.