

FUTURE EXTINCTION EVENTS?

History & the Future

We end your tour discussing future history. For $\sim 14,920$ years, humans made little impact on this planet. In the last 80 years we have “changed the world:”

- o Fungi evolution and impact;
- o Plastic pollution & oceans' death;
- o 5G microwave's unknown effect;
- o Pesticides/herbicides;
- o WA State's Plutonium crisis; and
- o Global climate change.

What's different is the accelerating, non-oxen pace of change. 120 years ago skid rows were common; none now exist.

A Note from the Old Guys

(who built this Farm from 2014 - present)

This Farm and Bonhoeffer Gardens are intended as gifts to the next generations in a Land that has well cared for us “old SHS guys & gals.” In our lives we have seen the creation of plutonium (1940), the filling of ocean gyres the size of France with poison-absorbing, floating, microscopic plastic balls (1st noticed in 1962), climate change (we worked in Barrow, Alaska in the 60’s when 2 out of 3 years the Arctic Ocean icepack did not allow ship-supply/transit), the loss of insects (a major news item in late 2018, though we have not cleaned splattered windshields in years), transistors (1947), the killer *Candida auris* fungi (2009), and now 5G (2019) that appears to overheat insect exoskeletons.

Gone are the elk, so numerous that Lewis & Clark's men begged to be fed dog food. One could literally walk across streams on the backs of spawning salmon. Now, in our lifetime wild salmon may disappear from all our streams. The WWU SAM Project is proving we have lost 20% of the Pacific Northwest's native plant species the past 20 years.

**It was not our ancestors
who trashed this world!**



Ethnobotanical Gardens

Native plant “starts” from Bonhoeffer Gardens (to your SW, by the I-5) illustrate 99 foods and materials available to the American peoples who lived here 10,000 years without the need to develop agriculture. Planter boxes contain:

[illegible]

Wardens of the Forest (13) Wild Chives (6) Wild Onion (6) Willow (over 30 species) Yarrow (62) Yellowbells (34) Yellow Pore Lily (5)

The Farm Museum and Garden's goal is to provide Washington State public school students a visual, non-text, introduction to NW History. Local Legends are stories our ancestors told (to us), their grandchildren, who are now 75 years of age. "History" (as compared to "lies perpetrated on the dead") is taken from Wikipedia under the Creative Commons Attribution Share-Alike Agreements until PLC can develop its unique limited-prose. These efforts are now underway with assistance of local school districts and the Stillaguamish Tribe. Plant prose, QR Code Links, and photos are taken from: www.usda.gov (Attribution: U.S. Dept. of Agriculture), Wikipedia, and the UofW's www.biology.bruce.washington.edu/harbinger/website under educational uses. URL Links provided by: USDA, NRCS, the PLANTS Database (<http://plants.usda.gov>) National Plant Data Center, Baton Rouge, LA 70874-4900 USA. Visitors enter under the Revised Codes of the State of Washington - RCW 4.24.200 & 4.24.210 allowing public recreational use, including nature study and viewing or enjoying scenic or scientific sites/takeaways on private land. Museum and gardens are proposed uses that still require Snohomish County Planning approvals. At present buildings serve as auxiliary storage units for PLC's native plants, gardening equipment, and Christmas decorations.

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