Extended Resources for Montana Invasive Species Education.

This is just a fraction of the resources available online for invasive species education. We suggest students conduct a web search for the specific invasive the students are investigating.

Montana Sites:



Agriculture in the Classroom

View the Montana Invasive Species Education (MISE) project online:

http://agr.mt.gov/agr/Programs/AgClassroom/k-8projects/

Providing lesson plans, posters, "hands on, minds on" experiments, and educator university credit and OPI renewal unit classes.





http://fwp.mt.gov/fishing/species/ais/

Providing comprehensive information on invasive fish species.



This site offers information on both aquatic invasives and forest invasives.

Aquatic Invasive Species

http://dnrc.mt.gov/divisions/cardd/resource-development/aquatic-invasive-species

Invasive Forest Pests

http://dnrc.mt.gov/divisions/forestry/forestry-

<u>assistance/pest-management/surveillance-for-invasive-forest-pests</u>



This site offers Montana specific science and control information on invasive weed species.

http://agr.mt.gov/agr/Programs/Weeds/

National Sites:



INVASIVE SPECIES PROGRAM

http://www.fs.fed.us/gsearch/invasive%2Bspecies

"The goal of the USDA Forest Service invasive species program is to reduce, minimize, or eliminate the potential for introduction, establishment, spread, and impact of invasive species across all landscapes and ownerships."



United States

State Resources

Montana

Provides links to state-specific resources with an interest in the prevention, control, or eradication of invasive species.

- Items of Interest
- State Specific Threats
- Find Experts
- Government
- · University/Academic
- Organizations

http://www.invasivespeciesinfo.gov/unitedstates/mt.shtml



USDA/APHIS Invasive Species Education and Monitoring site:



http://www.hungrypests.com/resources/educators.php

This site offers many lesson plans and is part of the USDA/APHIS education outreach.



Comprehensive site on invasive plants and animals

http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/plantsanimals/invasive/



Asian Longhorn beetle USDA site: http://beetlebusters.info/

Video for Asian Lonhorned Beetle: http://pest.ceris.purdue.edu/index.php

This site is specific to Asian Longhorn beetles and has good research materials to accompany the Montana Invasives lesson plan.



Emerald Ash Borer educational resources:

http://extension.entm.purdue.edu/arrestthatpest/index.php?page=part1/index

This site is specific to Emerald Ash Borer and has good research materials to accompany the Montana Invasives lesson plan along with many lesson plans and resources.



This site offers information on stopping the spread of invasive species.



This site offers information on invasive weed species.

http://www.blm.gov/wo/st/en/prog/more/weeds.html



Natural Inquirer Volume 8 Number 1 Invasive Species

Edition:

http://www.naturalinquirer.org/Invasive-Species-Edition-i-10.html



A middle and high school edition

Lesson Plan

<u>Click here to download</u> Lesson Plan for Natural Inquirer's Invasive Species Edition. For more information visit http://www.naturalinquirer.org/Lesson-Plans-v-42.html

Web Links for the Invasive Species Edition From the Natural Inquirer:

Invasive Species Links and Resources for

Educatorshttp://www.invasivespeciesinfo.gov/resources/educ.shtml

USDA National Invasive Species Information Center

http://www.invasivespeciesinfo.gov/

USDA Forest Service Nun Moth Information

http://www.na.fs.fed.us/spfo/pubs/pest_al/nunmoth/nun_moth.shtm

North Distores
Nun Moth Pictures
http://www.invasive.org/browse/subthumb.cfm?sub=4059&start=1
Spotted Knapweed Information
http://www.ag.ndsu.edu/pubs/plantsci/weeds/w842.pdf
intep.// www.ag.masu.edu/ pubs/ prantisel/ weeds/ wo-rz.pur
Spotted Knapweed from USDA National Invasive Species Information Center
http://www.invasivespeciesinfo.gov/plants/spotknapweed.shtml
Spotted Knapweed from the National Park Service
http://www.nps.gov/plants/ALIEN/fact/cebi1.htm
History and Background of Sudden Oak Death
http://www.suddenoakdeath.org/about-sudden-oak-death/history-background/
USDA Forest Service Sudden Oak Death Page
http://www.na.fs.fed.us/spfo/pubs/pest_al/sodeast/sodeast.htm
Sudden Oak Death from USDA National Invasive Species Information Center
http://www.invasivespeciesinfo.gov/microbes/suddenoak.shtml
USDA Fact Sheet on the Pine Shoot Beetle

http://www.aphis.usda.gov/publications/plant_health/content/printable_version/fs_phpsb.pdf

USDA Forest Service Pine Shoot Beetle Page

http://www.na.fs.fed.us/spfo/pubs/pest_al/shootbeetle/shootbeetle.htm

University of Florida's Pine Shoot Beetle Information

http://entnemdept.ufl.edu/creatures/trees/beetles/pine_shoot_beetle.htm

University of Vermont's Asian Long-Horned Beetle Page

http://www.uvm.edu/albeetle/identification/index.html

USDA's Asian Long-Horned Beetle Information

http://www.aphis.usda.gov/plant_health/plant_pest_info/asian_lhb/index.shtml

USDA Forest Service John Muir Wilderness Page

http://www.fs.fed.us/r5/inyo/recreation/wild/index.shtml

John Muir Wilderness Page

http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&wname=John%20Muir

National Park Service's Page for Kings Canyon National Park

http://www.nps.gov/seki/