

Common Ground: How Rare Species and Proposed Pipelines Can Coexist

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Pipeline One

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Elliott's Beardgrass (*Andropogon gyrans*)



Identification

- Perennial
- Crowded
- Hairy leaf sheath
- Twisted awns

Habitat

- Southern PA
- Grasslands
- Forest clearings
- Successional fields



Observation

- Two populations
- E.O.1-1 = 110 plants
- E.O.1-2 = 37 plants
- E.O.2 = 64 plants

Relocation

- Similar habitat
- Four 10'x10' plots
- Scarify soil
- 94 indivs., 288 stems
- 1 year monitoring



Pennsylvania Natural Heritage Program

Coordination between:
DCNR, GC, WPC, USFWS, FBC
Monitors Biological Diversity of:
Plants, Wildlife, Ecosystems,
Geological Structures



Pennsylvania Natural Diversity Index

Purpose:
DEP Requirement, Conservation
Explorer Screening, Impacts to
RTE species, Conservation
and Enhancement

For More Information

A. *gyrans*



PNDI



C. *horridus*



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Pipeline Two

Fish and Boat Commission

Timber Rattlesnake (*Crotalus horridus*)

Identification

- Venomous
- Vertical pupils
- Triangular head
- Rattle on tail
- Black chevrons

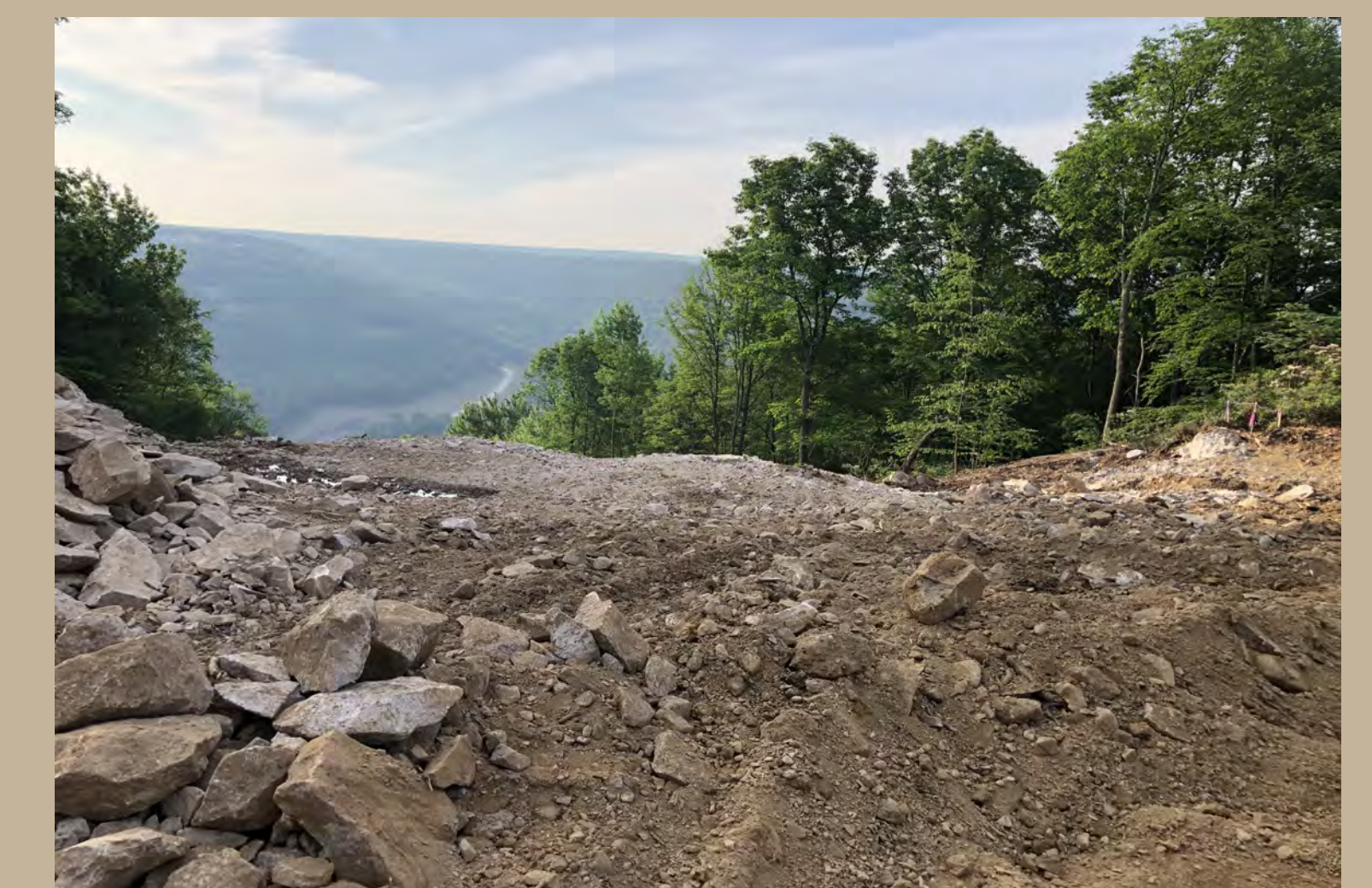


Habitat

- In 52 of 67 counties
- Rocky outcroppings
- Fallen logs
- Talus

Observation

- Potential habitat
- CQA monitoring
- Surrounding area
- ROW vehicles



Relocation

- Hook and tongs
- Tube
- Bag
- 2 indivs. in LOD
- 12 indivs. surrounding