

Esta ponencia fue presentado por el Dr. George Veni
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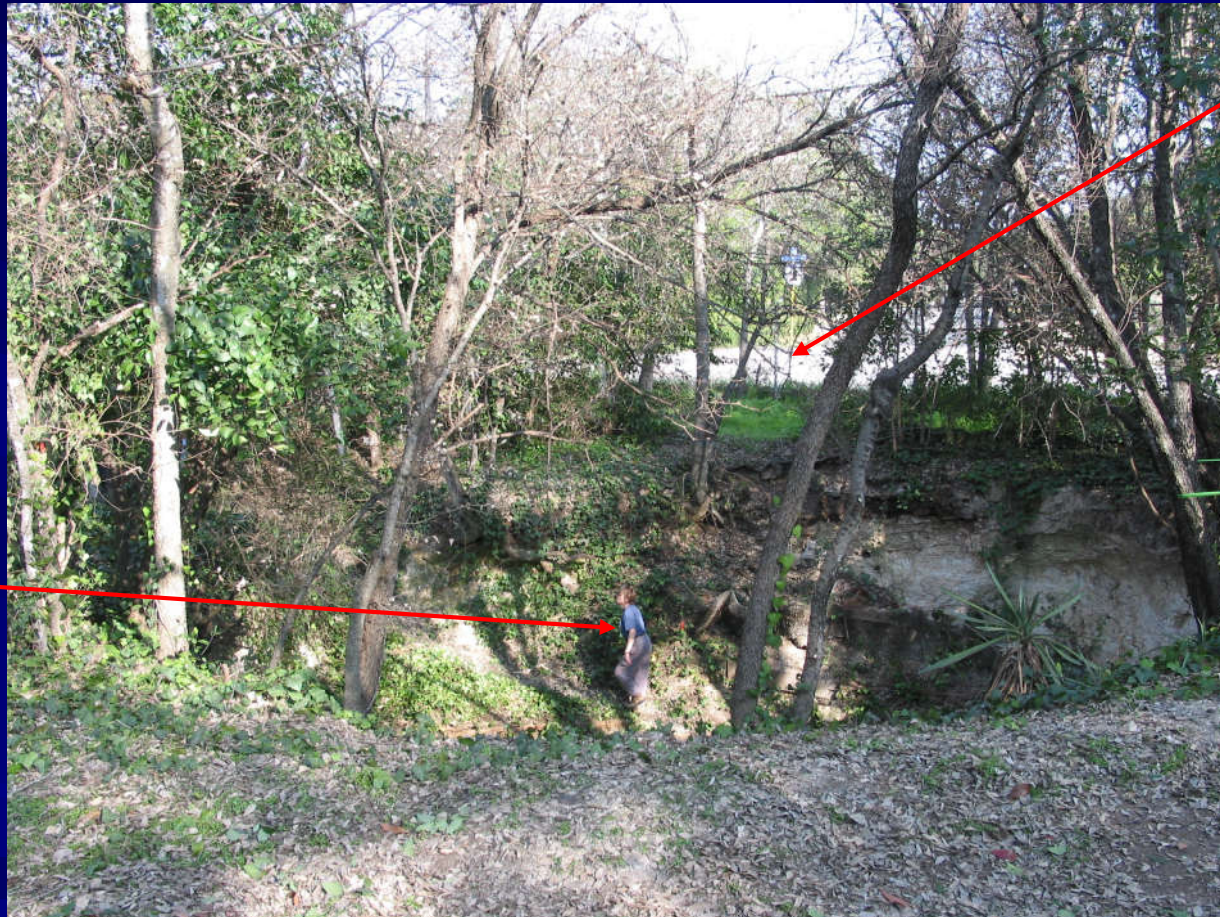
Show Cave Management Issues and Problems

General principles

Managing people, not caves

Managing for business =
managing for cave and ecosystem protection

Location problems



Easy
access to
entrance
for
vandals

Road
runoff &
spills



Sewers



Cave access
Gates or open entrances?



But should you allow
animal and water access?

No animal access



No water or nutrient access
No educational opportunity



Trails

Caves without trails or with poorly defined trails

Photo courtesy of Jason Pielemeier



Crushing
artifacts



Damage
to
speleothems

Photo courtesy of Jason Pielemeier

Crushing cave animals and habitat

Poorly designed trails

Speleothems within reach

Trail encourages short-cut across speleothems



Loose material

Trail is too wide

Tunnels and loops

Advantages:

- * reduce traffic
- * short-cuts for emergencies

Disadvantages:

- * may require extra/harmful(?) infrastructure
- * tunnels may damage cave
- * can tunnel rubble be removed?
- * tunnels increase/change airflow patterns and result in a loss of humidity



Lighting safety problems



Trails and especially steps must be well lit

Lighting should be shielded and indirect for natural appearance and to not blind visitors



Lighting color problems



Lights will cause algal growth

Should colored lights be used?



Managing people



Lint

Sources:

Hair

Skin

Clothing

Dirt



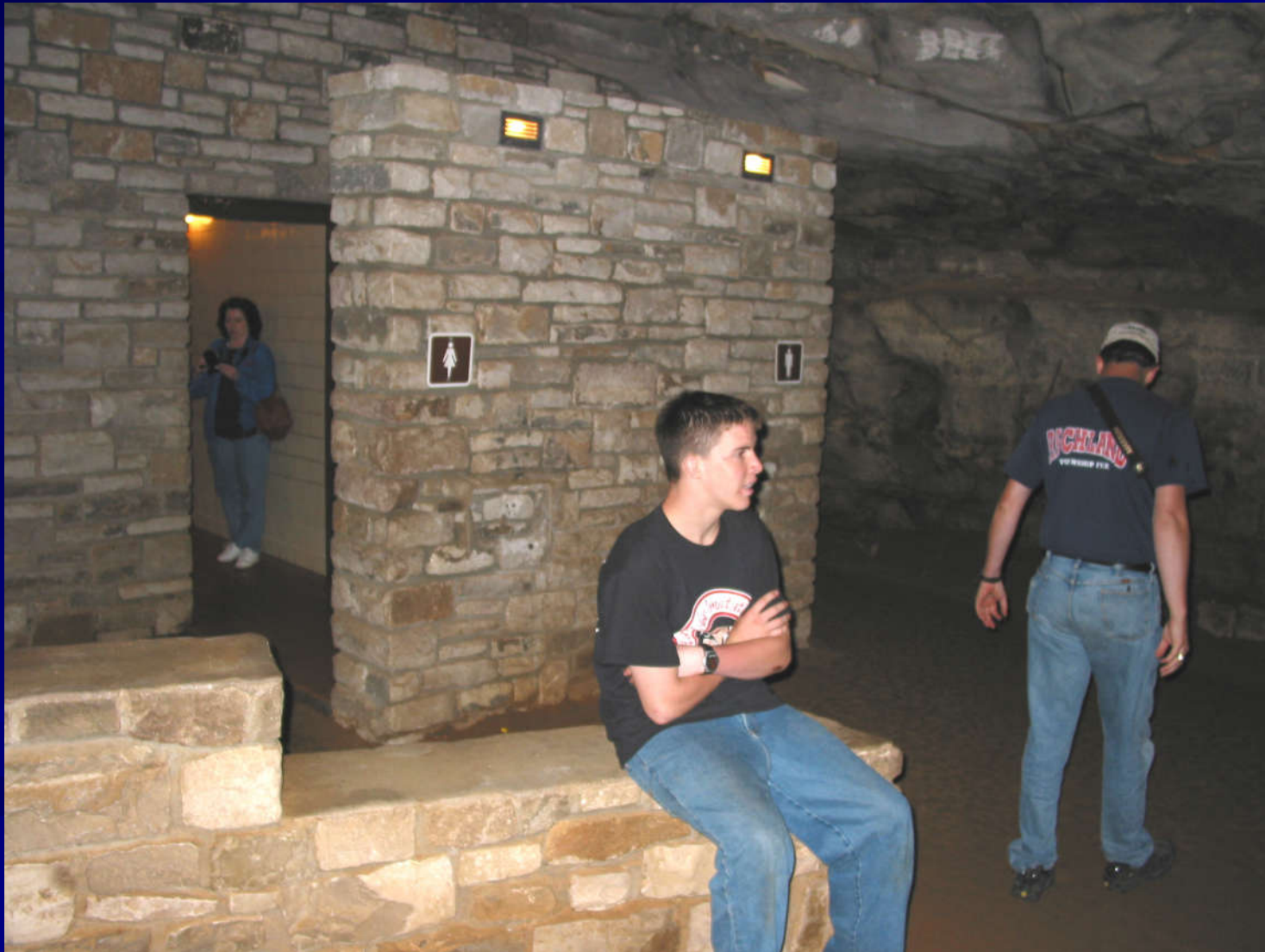
Impacts:

Speleothem
discoloration

Cessation of
speleothem
growth

Speleothem
corrosion

How long is the tour?



Guide training and quality

