

Appendix K – Biological Control Planning Materials

Purple Loosestrife Biological Control Project

Wild Rivers Interpretive Center

Wednesday, March 11, 2009

12:30-1:30

Agenda:

- Program Background
- Location
- Components:
 - Construction/digging/planting
 - Maintenance (watering, monitoring plant/beetle status)
 - Education (students, interpretive signs, media, etc.)
 - Contacting landowners w/PL (probably Maureen will do this)
- Divvy up tasks/who else could be involved?
- Funding options?
 - interpretive signs
 - beetles (minimal cost)
- Next Meeting?

Purple Loosestrife Biological Control Project



Project Timeline

- **September:** mark plants for spring collection OR collect, pot, and cage roots.
- **April-May:** Collect, pot, and cage roots. Put in pools.
- **May-June:** Get beetles and start rearing.
- **June-July:** Finish rearing, release beetles into wetland, and send in report.
- **August-Sept:** Take photos at site at maximum flowering and send one in.

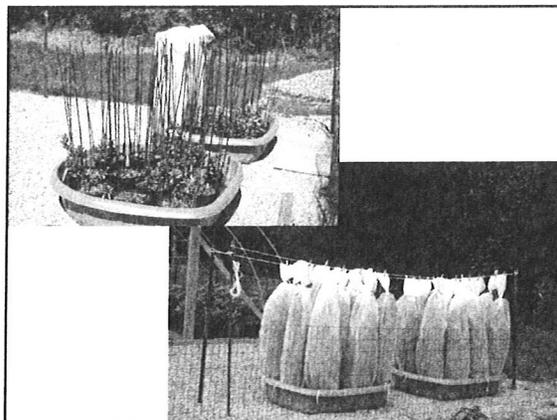
Collecting and Potting Roots

- Need permit: Form 3200-116
- Dig large roots.
- Cut off dead stems.
- Thoroughly wash roots.
- Add damp soil, fertilizer, and 6-8 roots in each pot.
- Place 12-14 pots in a kiddie pool.



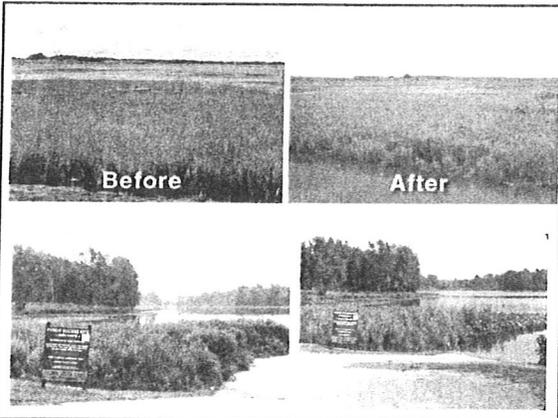
Pool Setup and Plant Care

- Place a net sleeve over each potted plant.
- Tie the top of the cage/sleeve closed.
- Suspend the sleeve from a support (clothesline, garden stakes, stiff poles).
- Place in full sun.
- Water often (check daily).



Raising and Releasing Beetles

- Add 10 beetles per plant when plants are 2 ft. tall.
- 100 times more beetles in 6-8 weeks.
- Release when first new adults appear.
- Bring entire netted pot to location, remove net.
- Landowner permission is required.
- Complete Form 3200-117
- Follow-up monitoring and spring beetle census (Form 3200-118)



Tasks:

- Construction
- Digging
- Planting
- Maintenance
- Education
- Contacting landowners

Project Costs:

- Soil
- Fertilizer
- Kiddie pools
- Pots
- Posts/clothesline
- Beetles
- Signs
- What else?

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Attendees: Maureen Ferry, Jamie Remme, Corrin Seaman, Ed Wenger, Tim Dettman, Luke, Trina Fluor.

- Program Background (powerpoint)
- Location: fenced area around weather station
- Tasks:
 - Permit: PL is a noxious weed and it is illegal to grow it unless you have a permit. The DNR state coordinator is aware of what we're doing and we have unofficial clearance. **Maureen** has a permit application. **Nathan** is probably the one to sign it. Maureen will follow up with Nathan.
 - Construction: Minimal amount of labor and supplies. **Jamie** will ask County Forestry/DNR for help.
 - Digging/planting: We will try to involve the UW-Ext stewardship program (Florence and Forest Park students). This will be discussed at the next stewardship planning meeting (**Maureen, Trina, Corrin**).
 - Maintenance (watering): This could be community service hours for both the Master Gardeners and student volunteers. **Corrin**, can you check with MG? **Trina**, can you look into student volunteers (community service hours for Citizens' Scholarship Foundation)?
 - Education: **Maureen** is rescheduling with Brock Woods, DNR state coordinator for the PL Bio-Control program, for sometime in June to address public concerns. Involvement in the stewardship program will be discussed at their next meeting. **Trina** can use *See Cella Chow* in classroom curriculum. **Jamie and Maureen** will look into interpretive signs. We need to discuss a press release, etc.