

## NEW ZEALAND MUDSNAIL MANAGEMENT AND CONTROL PLAN TEAM

MONTANA STATE UNIVERSITY, BOZEMAN, MONTANA  
WEDNESDAY, AUGUST 27, 2003, 1:30 TO 4:30 P.M.

### DRAFT

Team members met in the upstairs lounge of the Plant Growth Center to begin the process for developing a New Zealand mudsnail (*Potamopyrgus antipodarum*) management and control plan, at the request of the ANS Task Force.

Tina Proctor, the team lead and facilitator (self-described “cajoler and handholder”), said that species do not have to be designated as aquatic nuisance species anymore. If the ANS Task Force assigns a plan to be developed, then the species is recognized as a nuisance. Once the plan is completed (the deadline was set by the team for April 1, 2004), the team will meet once a year to update the plan. In addition, the ANS Task Force will have a research committee that will compile research needs from all of the aquatic nuisance species plans and make a research needs assessment available to funders.

The team drafted a goals statement, objectives, and preliminary outline (shown below). Following the preliminary outline is a list of the subgroups that were formed to further outline the plan’s sections and begin drafting the text. Billie Kerans and Mark Dybdahl will distribute portions of a 1998 attempt at a plan among the various subgroups.

**Monday, November 3, 2003, is the deadline for the first draft of each section.** People are to send those drafts to Tina Proctor in Microsoft Word. After the subgroups, there is a list of people who were mentioned as possible participants or resources. And last, issues that may or may not require further discussion are bulleted.

#### DRAFT GOAL

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To prevent and delay the spread of New Zealand mudsnail (*Potamopyrgus antipodarum*) to new areas, reduce the impacts of existing and new populations, and continue developing information to meet this goal.

#### DRAFT OBJECTIVES

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- To identify foci, pathways, and vectors
- To develop methods of detecting new populations
- To develop strategies and methods to control and manage populations
- To develop further understanding of ecological and economic impacts

#### PRELIMINARY OUTLINE

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Executive Summary

## Introduction

- Summary of biology and ecology
- Summary of distribution and spread (not just North America)
- Summary of ecological impacts
- Summary of outreach efforts to date (and partners)
- Summary of state/federal regulations and state invasive species plans
- Information of who worked on, when, where, etc.

## Objectives

### Objective 1—To identify foci, pathways, and vectors

- Pathways analysis
- Risk of future introductions
- Management options for pathways
- Education and outreach
- Implementation (with action items summarized underneath)
- Research needs

### Objective 2—To develop methods of detecting new populations

- Procedures
- Education and outreach
- Implementation
- Research needs

### Objective 3—To develop strategies and methods to control and manage populations

- Rapid response
- Eradication
- Control and containment
- Implementation
- Research needs

### Objective 4—To develop further understanding of ecological and economic impacts

- Cost of not doing anything
- Cost to recreation
- Cost to loss of species
- Loss of species diversity
- Changes to ecosystem function
- Education and outreach
- Implementation
- Research Needs

**Comment:** Tina, you might compare this list here with what you wrote down because I don't think I captured everything. Thanks. Natalie

## Implementation Plan (may include charts eventually)

Information access and data management  
Management actions (summarized from throughout and prioritized)  
Education and outreach (summarized from throughout and prioritized)  
Research needs (summarized from throughout and prioritized)  
Funding

Appendices

More extensive distribution, life history, biology, ecological impacts  
Posters and other materials that have already been done (?)

**TASK ASSIGNMENTS**

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Subgroups were generally formed from people at the meeting. Other people will be added as necessary. Subgroup points of contact are designated with an asterisk.

**Prevention Subgroup (Objective 1)**

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Mark Dybdahl*	509-335-7905	<a href="mailto:dybdahl@wsu.edu">dybdahl@wsu.edu</a>
Billie Kerans	406-994-3725	<a href="mailto:bkerans@montana.edu">bkerans@montana.edu</a>
Robyn Draheim Waldeck	503-725-4994	<a href="mailto:draheim@pdx.edu">draheim@pdx.edu</a>

**Detection Subgroup (Objective 2)**

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John Chapman*	541-867-0235	<a href="mailto:john.chapman@hmsc.orst.edu">john.chapman@hmsc.orst.edu</a>
David Richards	406-582-9388	<a href="mailto:davidr@montana.edu">davidr@montana.edu</a>

**Control Subgroup (Objective 3)**

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Pat Clancey	406-682-7807	<a href="mailto:pcensfw@3rivers.net">pcensfw@3rivers.net</a>
Pat Dwyer*	406-587-0910	<a href="mailto:wdwyer6466@aol.com">wdwyer6466@aol.com</a>

**Impacts Subgroup (Objective 4)**

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Billie Kerans*	406-994-3725	<a href="mailto:bkerans@montana.edu">bkerans@montana.edu</a>
Mark Dybdahl	509-335-7905	<a href="mailto:dybdahl@wsu.edu">dybdahl@wsu.edu</a>
Bob Hall	307-766-2877	<a href="mailto:bhall@uwyo.edu">bhall@uwyo.edu</a>

**Data Management Subgroup**

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David Richards*	406-582-9388	<a href="mailto:davidr@montana.edu">davidr@montana.edu</a>
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- Organization of the 4 objectives within the plan
- Inclusion of a statement about adaptive management