

APPENDIX D - FIELD FORM AND DATA MANAGEMENT

This Appendix contains a suggested "Aquatic Mollusk Survey Form". This form contains information for documenting locations of Survey and Manage species for the Known Site Database (or Interagency Species Management System), and it provides a permanent record that the survey was done.

The first portion of the survey form ("Required Area Data") will need to be completed for each survey area, even if no target species is found. Required information includes location, date, visit number, site name, search time, whether an S&M species is found or not, and surveyor name.

For each site (e.g., headwater spring, river or stream reach) at which a target species is found, the second portion ("Required Discovery Site Data") of the form should be completed as well. The second portion of the form is a list of the C-3 species found and locations of all such sites. Recording the time at which each was first found helps to document times between encountering new species for a check for adequate surveys (see "Duration of Visits", above). If a species is not known, record it to the nearest known taxon (e.g., Fluminicola #1; or, Snail #2, etc.) and note the time it was first seen. Record the same taxon indicator along with the survey area name or number, and the date on the container in which specimens of these are collected, so that the specimen can be referred back to the field notes or form.

The third portion of the form ("Optional Data") is optional but highly recommended to include useful information. Good records of habitat characteristics are especially important since so little is known about these C-3 species and their ecology. Plant community data and microsite feature associations are the key to future management on the landscape scale.

Data Management

Complete the Aquatic Mollusk Survey Forms in the field, as the surveys are done. Attach copies of the maps and/or aerial photographs, on which the survey areas, routes and sample areas are delineated, to the completed Mollusk Survey Field Forms. File these documents as appropriate.

When target species are found, be sure that the Field Form includes location information needed for the "Survey and Manage Known Site Database" (or Interagency Species Management System) and that site locations of target species are clearly indicated on copies of the maps and/or aerial photographs. Enter appropriate information into the Survey and Manage Known Site Database and maintain the documentation for future reference.

AQUATIC MOLLUSK SURVEY FORM

REQUIRED AREA DATA

STATE _____ COUNTY _____ DATE _____ FEDERAL LAND UNIT¹ _____

VISIT NO. _____ SITE (NAME/NO.)² _____

T. _____, R. _____, S. _____, QUARTERS _____

SEARCH TIME: FROM _____; TO _____ -- FROM _____; TO _____ TOTAL _____;

S & M SPECIES FOUND? YES ___ NO ___ UNCERTAIN (EXAMPLES COLLECTED) _____.

SURVEYOR NAME: _____

PRINT

SIGNATURE

REQUIRED DISCOVERY SITE DATA (IF S&M SPECIES FOUND)

T. _____, R. _____, S. _____, _____ 1/4 OF _____ 1/4 OF _____ 1/4.

ACCESS DESCRIPTION:

LAT. & LONG. OR UTM _____

SPECIES _____ Number live _____ Number shells _____

SPECIES _____ Number live _____ Number shells _____

SPECIES _____ Number live _____ Number shells _____

¹ BLM Resource Area or National Forest Ranger District.

² For example, Big Springs/060397

OPTIONAL DATA

LIST OF AQUATIC MACROPHYTES PRESENT:

ELEVATION: _____; GRADIENT: _____; WETTED WIDTH: _____;

CURRENT VELOCITY: _____;

% SUBSTRATE TYPE:

BOULDER _____, COBBLE _____, GRAVEL _____,

SAND _____, SILT _____;

WATER TEMPERATURE: _____ C/F; WATER DEPTH _____

DESCRIPTION OF SITE AND OTHER COMMENTS:

If any S&M mollusk species are detected, please send a copy of this report to any neighboring federal agencies that may be affected by this discovery.