

5. Justine Smith presented an overview of the amphipod bioassay protocol (enclosures 7-10). Page 1 of 1

5. Justine Barton presented an overview of the amphipod bioassay protocol (enclosures 7-10). Discussion topics were as follows:

**Life history problems.** The revised PSEP protocol also says to avoid mature female amphipods with eggs (ovigerous). It was also suggested by Tim Thompson (Parametrix) that mature male amphipods with dark eyes and long antennae should be avoided. Parametrix encountered seasonally high mortalities and emergence during tests with mature male amphipods. Therefore, all sexually dimorphic mature male or female amphipods (*Rhepoxynius abronius*) should be avoided when collecting for bioassays. Animals collected should be mature, but not sexually mature.

10. David Kendall then provided a summary wrap up of the workshop. The following items discussed in detail in this memo should be considered in the finalized PSEP bioassay protocols, and will be reviewed for adoption at the next PSDDA Annual Review Meeting. The PSDDA Data Manager will send out a letter soon providing guidance to workshop participants and labs doing bioassays relative to protocol clarifications discussed at the workshop.

#### **A. Amphipod Bioassay**

a. Avoid collecting/using sexually dimorphic (male/female) mature amphipods in tests.