A - replicate 1 and 2. Presence/absence eval. All reads have been set to 1 ID006 ID007 ID008 ID009 ID010 ID011 ID013 ID014 ID015 ID016 ID017 ID018 ID019 **ID020** ID021 ID022 **ID023** ID023 ID024 ID025 ID026 ID027 ID028 ID029 ID030 ID031 replicate number is blue order Amphipoda ID032 ID033 ID034 ID035 Coleoptera Cycloneritida ID037 ID038 ID039 Diptera ID040 ID041 ID042 ID043 Ephemeroptera Haplotaxida red, ID044 ID045 ID046 ID047 ID048 ID049 ID050 ID051 Hemiptera sample ID is Hirudinida Isopoda Lepidoptera ID053 ID054 ID055 ID056 Littorinimorpha Lumbriculida ID057 ID058 Megaloptera ID059 **ID060** Odonata Plecoptera **ID064** Stylommatophora Trichoptera **Trombidiformes** Veneroida NA 25% 75%

presence of plausible species