

**The Xerces Society for Invertebrate Conservation and  
the Friends of Tideman Johnson  
invite you to a day of**

**Macroinvertebrate monitoring in Johnson Creek**

**Saturday September 26, 2009  
9 am - 1 pm**

Join the Friends of Tideman Johnson and Xerces Society in collecting aquatic macroinvertebrates from Johnson Creek. We will meet at the boardwalk overlook by the Springwater Corridor Trail, off SE 37th Ave. & Tenino.



*Pteronarcyidae*  
(giant stonefly)

Volunteers will learn the basics of aquatic macroinvertebrate identification and be trained in sampling techniques. Teams will disperse to sample invertebrates at designated stations along Johnson Creek, and then return their samples to the boardwalk.

To show our appreciation, volunteers will receive a copy of the Xerces Society field guides ***A Guide to Pacific Northwest Macroinvertebrate Monitoring & Identification*** and ***Freshwater Mussels of the Pacific Northwest***.

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### **Why monitor aquatic macroinvertebrates?**

Recent work in Tideman Johnson Park has helped restore the original creek bed and floodplain, create new riparian habitat, and re-establish native plants.



*Heptageniidae*  
(flatheaded mayfly)

The aquatic macroinvertebrate community reflects a stream's biological condition. Macroinvertebrate data will be used to assess whether the current biological conditions in portions of Johnson Creek reflect moderate, severe, or no impairment.

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Be prepared for a day on and in the water; bring water, lunch/snacks, and sunscreen. The creek bed can be slippery, so wear waders, boots, river sandals, or old tennis shoes. For more information or to register, please contact **Marianne Colgrove**, Friends of Tideman Johnson, at **503-777-7792** or **mcolgrove@gmail.com**.



**THE XERCES SOCIETY**  
FOR INVERTEBRATE CONSERVATION

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