Abbreviated Citation	Herbst and Silldorff (2007)
Full Citation	Herbst, D. and E.L. Silldorff. 2007. Development and Evaluation of Tolerance Values for Lahontan Region Invertebrates- Preliminary Analysis Summary
Description	Thermal optima data for 99 taxa were provided by David Herbst and Erik Silldorff of the Sierra Nevada Aquatic Research Laboratory – University of California (see pages 9-11 of report). Data were derived from summer sampling events in the eastern Sierrra Nevadas. Taxa were designated as 'thermal sensitive' if the optima values were ≤ 13ºC and 'thermal tolerant' if the optima values were ≥ 17ºC.
Tolerance Calculations	**Temperature** weighted average calculations are based on single mid-day temperature grabs that were collected during summer sampling events in the eastern Sierrra Nevadas. There were 134 samples in the data set, consisting of 80 sites sampled over 6 years (1998 to 2003). The methodology outlined by Lester Yuan (2004) was used when calculating weighted averages. For more details see Herbst and Silldorf (2007) Report.
Published	no
Highest Level of Taxonomic Resolution	species
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Data Integration Notes	For ThermalOptima_Rank entries, Jen Stamp (Tetra Tech) replaced the Temperature 1-10 Scale in the report with a 1-7 scoring scheme based on the following percentiles: 0, 0.1, 0.25, 0.4, 0.6, 0.75, 0.9, 1, so that data could be better compared across data sets. Low ThermalOptima_Rank scores = preference for colder water and high ThermalOptima_Rank scores = preference for warmer water.