S1-19-2010 Boxplot Test Sample: S1-19-2010 Status - Not Impaired Reference samples: S7-13-2008 S7-13-2010 S7-13-2012 S11-49-2008 S11-49-2014 S2-16-2008 S11-49-2010 S4-2-2008 S12-107-2011 S2-16-2010 32 35 38 ■ 29.Percent.Predator 1 3 5 9 11 14 17 20 23 29 41 S2-16-2007 26 ☐ 1.Richness 15.EPT.Richness S4-2-2010 30.Percent.Scraper 16.Ephem.Richness 2.Simpson 17.Percent.Ephem
18.Plec.Richness 3.Shannon 31.Percent.Shredder S11-49-2012 32.Percent.Filter 4.Percent.Dominance S4-2-2007 33.Percent.Gatherer 34.Scraper.to.Shredder.Collector 5.Percent.Oligochaeta 19.Percent.Plec S12-107-2009 6.Percent.Chironomidae 20.Trich.Richness 35.Percent.Clinger 7.Percent.Isopoda 21.Percent.Trich S2-16-2012 22.EPT.per.EPT.and.Chir 23.Percent.Non.Chir.Dip 36.Percent.Burrower 8.Percent.Amphipoda 37.Percent.Sprawler S12-107-2005 9.Percent.Coleoptera 10.Coleo.as.Elmidae 24.Percent.CIGH 38.Burrower.to.Sprawler.Clinger 11.Trich.as.Hydropsychidae 25.Intolerants.Richness 39.O:E 12.Percent.EPT 26.Percent.Intolerants 40.Bray-Curtis 13.Percent.mEPT 27.HBI 41.CA1 14.Percent.ICHAEBO 28.CEFI 42.CA2 **CA Plot** Nearest Neighbour Ordination for \$1-19-2010 Ephemoretes e Fa pennerel N 8 Trichoptera;Psychomyidae $^{\circ}$ RDA 2 (25.4%) CA2 15.0 % 8 0 S131256221476752291 0 iphid**Meadea** Diptera;Empididae **\$6221200007**pogonidae Trich \$14 + 49 + 2010 8 4 + 12 merchtera; Caen 7 Trichoptera;Helicopsy 8 S11-49-2012 ichoptera: Philopotamida 4 _4 -2 0 2 -3 -2 _1 2 3 RDA 1 (33.5%) CA1 24.6 % S1-19-2010 S1-19-2010 PCoA Plot N S11-49-2010 MDS 27.2 % 49-2008 -49-201**9** S12-107-20b5 0 2-2007 Jacknife Consistency 100% T -116-2**90027** 2-13-2010 7 S2-16-2008 test-site 0 2 4 6 8 -2 0 2 Mahalanobis Distance MDS 27.8 %