



CWSF 2014 - Windsor, Ontario



Effects of Acid/Base Solutions on Knightia Fossils and Taphonomy of Descendants

Challenge: Discovery Category: Junior

Region: City: School:

Abstract: The project investigates how acidic solutions, basic solutions, and a neutral

control affect both the natural decay (taphonomy) and fossilization process of herring, and additionally how the occasional presence of acidic or basic solutions in the environment can affect the quality and preservation of existing fossils of Knightia from the Fossil Lake/Green River formation in

Wyoming.

Awards	Value
Excellence Award - Junior - Gold Medal	\$700
Sponsor: Youth Science Canada	
Western University Scholarship	\$4 000
Gold Medallist - \$4000 Entrance Scholarship	
Sponsor: Western University	
Total	\$4 700



