

CWSF 2005 - Vancouver, British Columbia



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Drugged Out Daphnia

Division: Life Sciences

Category: Junior

Region: Bay Area

City: Hamilton, ON

School: Sir Wilfrid Laurier

Abstract: This project determined the effects of various drugs on Daphnia heart rate. Upon exposure to six different drug solutions, changes in heart rate were monitored. Results showed that caffeine and adrenaline acted as stimulants, while alcohol, aspirin, and lactic acid were depressants. Nicotine suppressed the heart rate altogether.