Conclusion

Despite the innacurracies our data collection methods are fraught with, we still can see from the data collected that the impact of flowrate on the distribution of water striders is not as simple and as clear-cut as we believed it to be in our [hypothesis](http://docs.google.com/crkhypo.htm). If this were true, we should find almost no water striders in areas of high flowrate, while finding several in areas of low flowrate. Instead, we find that many water striders can be found in some areas of high flowrate, while some with low flowrate do not have any water striders at all.

It appears that the water striders are most attracted to small pools. Either that or they are swept into these pools by the current. Because of this, flowrate still plays an important role in the distribution of these insects as it is what directs them to their place of residence.

Another possible explanation of water strider distribution pattern is that the water striders may be attracted to something that is located in these pools. Since this survey only tested for flowrate, there is not enough information to provide any further speculation as to what exactly makes these pools attractive. This would be a good basis for [future experimentation](http://docs.google.com/crkfutur.htm).

In short, while the data collected in this survey does not support our hypothesis, it does provide insight into a variation on our original hypothesis that will require further research. By conducting this survey, we have not been able to piece together the entire puzzle regarding water striders and their distribution patterns in our creek, but we have provided a few pieces that may help those studying this creek in the future.

*If you have any questions or comments about this site, contact me* [*here*](mailto:allenbrant@msn.com)*.*