Dear Sir/Madam,

The history of humankind is intimately connected to insects. Given the importance of insects in human affairs, it is surprising that computer science has not had a larger impact in entomology. We believe that recent advances in sensor technology and machine learning techniques are about to change this and a field of computational entomology will emerge. In particular, we proposed a system that can recognize the sex and species of insects as they fly past a light beam. In the system, we used a custom-designed inexpensive sensor to automatically collect insect flying sounds, and we designed a software to automatically classify the insects based on their flying sounds. We have very impressive results on the classification and we would like to show the world how we do this.

So far, we have made all code, data and supplemental materials freely available at our webpage (*https://sites.google.com/site/insectclassification*/), and we give sensors for free to researchers interested in it. We believe our work will provide researchers worldwide robust tools to accelerate their research.

A video is the best way to present this paper, because:

1. The readers can *hear* the insect sounds in the video.
2. The readers will better understand this system by watching a video. As we continue giving a complete sensor system to research entomologists who request one, we need to explain how to use it. The best way to show people how to use the system as a tool is a video presentation.
3. The JOVE paper http://www.jove.com/video/2157/assaying-locomotor-activity-to-study-circadian-rhythms-sleep is a good model for how we would present this work.

We would like to thank Editor *Elizabeth Sheeley* for inviting and assisting us with this paper.

Below is a list of 6 peer reviewers. We do not suggest any opposed reviewers.

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Best regards,

The Authors