**Calculating kelp blade area in ImageJ**

1. Open desired picture
2. Image -> Type -> 8 bit
3. Analyze -> Analyze Particles (make sure “include holes” is selected)
4. Set scale (global for images taken from same position)
5. Image -> Adjust -> Threshold (to point where kelp leaf is filled)
6. Wand tool to outline leaf
7. Analyze -> Measure (“area”)