

# Installing FIJI and custom macros

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## 1 Introduction

We use [FIJI](#) to detect pupae, and a custom FIJI macro to measure pixel intensity inside the pupae over time, which will be later analysed to detect eclosion events. Here, I describe how to install FIJI and custom macros.

## 2 FIJI

Just download the package from <https://imagej.net/software/fiji/>, which comes with a binary executable.

## 3 Custom macros

I wrote macros to run eclosion analysis. They are maintained in <https://github.com/junishigohoka/EclosionMonitorJ>.

To install the macros...

- If you know how to use `git`, clone this repository in the `Fiji.app/scripts/Plugins/`.
- If you do not know how to use `git`, well, learn it..... or download the repository by clicking “Code” (A green button) -> Download ZIP. Each `ijm` file is a macro. Create a new folder “EclosionMonitorJ” in `Fiji.app/scripts/Plugins/`, and place the `ijm` files inside EclosionMonitorJ. This will make FIJI recognise the macros as functions of EclosionMonitorJ plugin.