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.