

GMMPS on macOS Catalina and Big Sur

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In general, it is best to compile GMMPS from sources for maximum compatibility with a system. This works up to macOS 10.15 (Catalina) but currently it won't compile on macOS 11 (Big Sur). However, the precompiled binaries found at

http://software.gemini.edu/gmmps/gmmps-1.5.2_macos.tgz

seem to work fine. The following steps make them easier to install:

- 1) Install Xcode from the Mac app store and run it at least once
- 2) Launch "System Preferences" and select "Security & Privacy"
- 3) Select the Privacy tab and then scroll down in the left window and select "Developer Tools"
- 4) Unlock to make changes and check the box next to the Terminal app
- 5) Restart Terminal if needed

Then you can run the pre-compiled binaries without having to give each of them Gatekeeper permission the first time that you run them. This procedure also works on Catalina.

There is a plan to release a new version of GMMPS later this year, hopefully with the ability to compile on Big Sur.

Further resources:

<https://gmmps-documentation.readthedocs.io/en/latest/>

<https://www.gemini.edu/instrumentation/gmos/capability#MOS>

<https://www.gemini.edu/observing/resources/multi-object-spectroscopy>