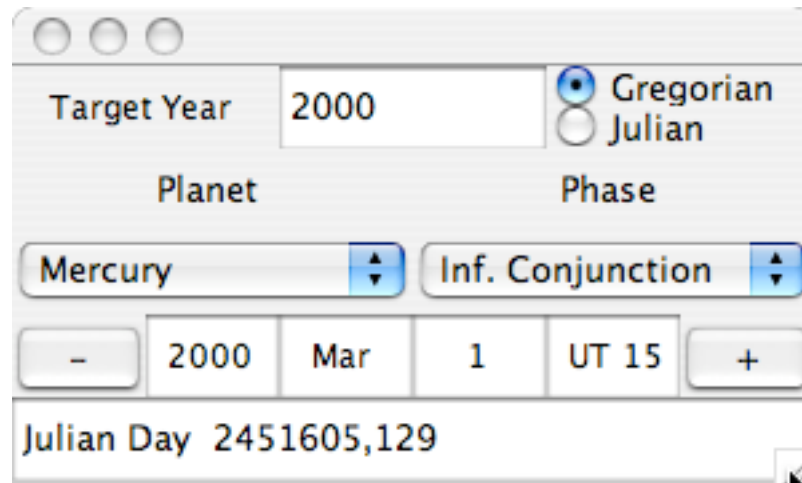# Phenomena 1.0

This application is an implementation of *Jean Meeus*: Astronomical Algorithms, Willman-Bell, Inc. ISBN 0-943396-61-1. p. 249-262.

The application is started by double-clicking the application icon.

You can change the target year by editing the top slot. You can also there change between Gregorian and Julian calendars.

In the Planet slot you can use the pop-up menu to choose the appropriate planet. In the Phase slot you can in a similar way choose the phenomenon you cant to invesigate. The bottom slot will display date and time for the occation of the chosen event nearest to the target year. By clicking the + and - arrows you can step forward and backward in time. The east and west maximum elongations of Venus and Mercury will be displayed numerically in the bottom slot if these options are selected.