

Supplementary Material 2

Six steps to execute WinPclclas in a personal computer (PC) with the 64-bit Windows 10 operating system (OS).

1 – Click **Start** button and type **cmd**. Select **Run as administrator** option. A windows appears on screen showing “Do you want to allow this app to make changes to your device?”. In this windows, click **Yes** button to continue.

2 – A Black Screen appears on screen starting with the **C:\Windows\system32>** command. In here, type **regsvr32 /u “C:\Program Files (x86)\WinPclclas\MSFLXGRD.OCX** and then press **Enter** key. You will see a windows on screen showing “DllUnregisterServer in C:\Program Files (x86)\WinPclclas\MSFLXGRD.OCX succeeded”. Press **OK** button to continue.
[Notice a blank between **regsvr32** and **/u** as well as **/u** and “C:\Program Files (x86) ...]

3 – Type **regsvr32 “C:\Program Files (x86)\WinPclclas\MSFLXGRD.OCX** and press **ENTER** key. You will see a windows on screen showing “DllUnregisterServer in C:\Program Files (x86)\WinPclclas\MSFLXGRD.OCX succeeded”. Press **OK** button to continue.
[Notice a blank between **regsvr32** and “C:\Program Files (x86) ...]

4 – Close the Black Screen by clicking the **X** sign on the top right side of Black Screen.

5 – When mouse arrow is on the **WinPclclas** icon on desktop, click right mouse button and select **Run as administrator** option.

6 – Finally, the program that you installed into a PC with the 64-bit OS is ready to calculate pyrochlore supergroup analyses. For example, you can execute the “**Species.psg**” file from the pull-down menu of **File** → **Open File** options.

1 - Click **Start** button and type **cmd**. Select **Run as administrator** option.

2 - Type **regsvr32 /u "C:\Program Files (x86)\WinPclclas\MSFLXGRD.OCX**

3 - Type **regsvr32 "C:\Program Files (x86)\WinPclclas\MSFLXGRD.OCX**

4 - Close the Black Screen by clicking **X**.

5 - Execute the program with **Run as administrator** option.

6 - **WinPclclas** is ready to use.