My master's thesis deals with monitoring of giraffes group (mainly three members - male Johan, cow Berta and young cow Laura) in Prague zoological garden in the period from summer 2012 till spring 2013. Behavior of three chosen individuals is presented in the form of graphs and charts for better clarity. Overview of all Giraffidae Family, its description and living area, is included in the thesis. Zoological gardens breeding giraffes and conditions of their breed are included in this project.