

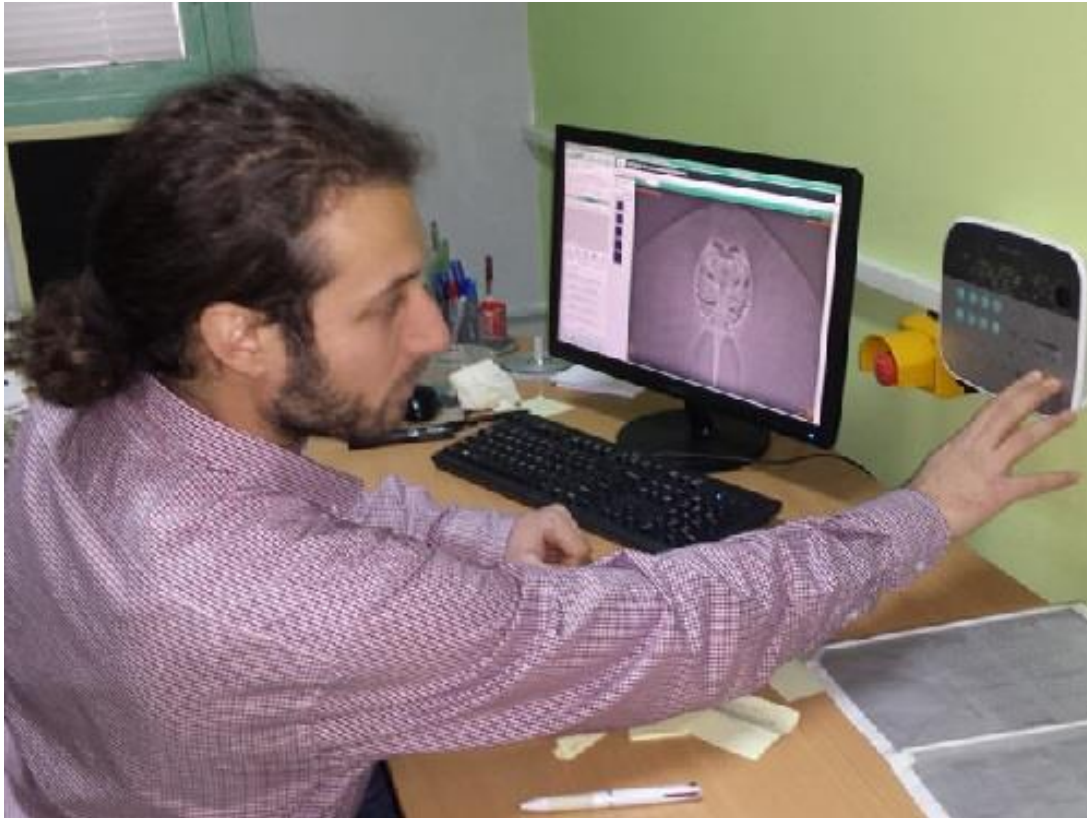
## Project Update: June 2017

Through the June we have continued the educations for students, which began last months. Since I have noticed the necessity of much more detailed education then the planned in the project, I have continued to held lectures (in duration of two hours, twice a week) at the Faculty of Veterinary Medicine in Sarajevo. I suppose that the education and motivation of future conservationists is the best investment for better protection and revitalization of threatened species/habitats.

During this month we have faces several difficulties in the histopathological studies, since we have got negative results on numerous CD (cluster of differentiation, also known as cluster of designation or classification determinant) and genetic markers that we have used for the immunohistochemical analysis. Since we have used human markers we have developed several theories which could explain either negative results or marker incompatibility within humans and sharks. On behalf of those theories we have prepared several more markers for the immunohistochemistry in order to clarify this highly important issue. Besides, we have prepared everything for the next cycle of the field studies in the Neum bay, which are planned for the first week of July. Prior to the field studies, our team will attend the 31st Adriatic Society of Pathology International Meeting in Neum in order to discuss the so far results obtained from the shark pathology research within the Department of pathology at the Faculty of Veterinary Medicine.



Andrej and Hajrudin at the ray autopsy, prior to the histopathological studies at the Department for pathology, Faculty of Veterinary Medicine.



Andrej working on the precise digital X-ray imaging of the *Dasyatis pastinaca* (L.) from the Neum bay.



*Raja miraletus* (L.), by-catch from the Neum bay, used for detailed axial computed tomography analysis at the Faculty of Veterinary Medicine.