

## **Abstract**

Episodic memory refers to an ability that allows a person to mentally re-enact past events from his own life. This capacity was long considered to be uniquely human. The best evidence of this ability in humans is subjective consciousness, which accompanies episodic recollection. For this reason, it is particularly difficult to study such cognitive ability in other animal species. However, there is some indirect evidence showing that animals could possess the ability of episodic memory to some degree. This bachelor thesis summarizes recent knowledge about episodic memory, provides an overview of specific studies in different animal taxons and compares the methodologies used by various authors to demonstrate episodic memory in animals. It focuses mainly on birds, rodents and primates.

**KEYWORDS** : Episodic memory, Episodic-like memory, Hippocampus, Cognitive ability,  
Animal model