

**BI03176 – Animal  
Behaviour  
Key Words Bird Song**

Species-specific songs  
White-crowned Sparrow  
Regional dialect  
Sonogram  
Pre-programmed behaviour  
Learned behaviour  
Hand-rearing experiments  
Conspecific's recordings  
Singing tutor  
Innate preference  
Developmental period  
Neural window  
Acoustical environment  
Social environment  
Strawberry Finch tutor  
Bird sex determination  
Genetics of song  
Higher Vocal Centre (HVC)  
Zebra Finch  
Gene activity  
ZENC gene  
FoxP2 gene  
Gene-physiology interaction  
Neurophysiology of song  
IMAN, X, nXIIts & RA brain regions  
Syrinx  
Robust Arcopallium (RA)  
Multi-song repertoire  
Single-song repertoire  
Phylogeny of bird song  
Reproductive benefits  
Species identity announcement  
hypothesis  
Mate attraction hypothesis  
Hard-wired component  
Flexible component  
Great tits  
Genetic drift  
Adaptive value  
Frequency adaptations  
Female preference

Cassin's Finch  
Fitness effects  
Regional adaptation hypothesis  
Correlates of fitness parameters  
Male quality  
Good genes hypothesis  
Stress during development  
Developmental exam