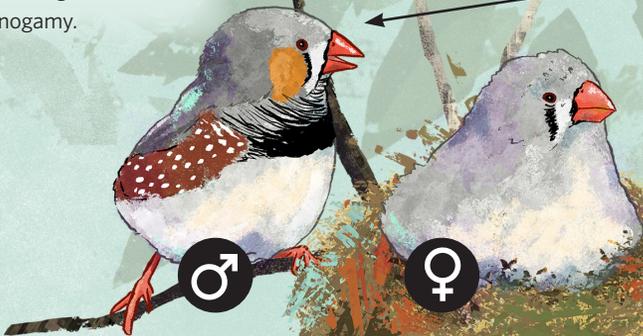


## VARIETIES OF MONOGAMY

Animals such as birds that live and raise young in pairs were once considered to be monogamous in all senses of the word—they exclusively live and mate with one other individual. However, genetic studies over the last few decades have revealed that many of these species are not exclusive, mating with individuals outside their pair. This revelation has led researchers to distinguish between genetic and social monogamy.



**SOCIAL MONOGAMY:** When individuals form social bonds and perform behaviors such as parenting in pairs, but don't necessarily mate exclusively

**EXTRA-PAIR PATERNITY:**  
When a male fathers offspring outside of his social pair



**GENETIC MONOGAMY:**  
If a bonded pair only has offspring together, i.e., there is no extra-pair paternity