



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Golden Eagle Genetic Sex Determination (15 credits)

Birds sometimes skew the sex ratio within clutches to compensate for differences in mortality rates and maximize fitness returns. The sex of young birds can only be determined by genetic analyses.

In this project you will optimize generic bird sex chromosome markers (Z and W) in golden eagles. You will gain experience of working with Genbank and genetic techniques (DNA extraction, PCR and fragment analyses). The project is estimated to require about 3 weeks of labwork for the optimization with an additional 2 weeks to run all samples. Once all practical work is completed you will compile a written report of your work and present it at a seminar. This research is done together with the Golden Eagle research at VFM (Tim Hipkiss and Birger Hörnfeldt).

For more information please contact Göran Spong (email below).

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