Seasonal variation in female mouth condition of a damselfly (Zygoptera)

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Preliminary results have indicated that female coloration in this dragonfly species is influenced by a variety of factors, including age and developmental stage. The present study focuses on examining the role of sex hormones in regulating coloration patterns in female Zygoptera. It is hypothesized that differences in coloration may be due to variations in the levels of sex hormones, which could be influenced by environmental factors such as temperature and photoperiod. Further research is needed to validate these findings and explore the underlying mechanisms.