

Research Report 1 Checklist

Ecology

Abstract

- ___ less than 250 words
- ___ includes background, ___ hypotheses, ___ treatments, and ___ main results
- ___ results are related to the goals &/or hypotheses

Introduction

- ___ clearly explains the general hypothesis (why you did the study) **
- ___ clearly introduces the specific goals of your study **

Methods

- ___ includes details on the study system (species, location, why appropriate for study)
- ___ treatments are explained in detail
- ... explains procedures for ___ data collection, ___ replication, ___ control of extraneous variables
- ___ explains how the analyses address the goals of the experiment **
- ... details procedures for ___ data analysis
- ___ acknowledges any assumption(s)

Results

- ___ includes observed results, ___ statistical analysis
- ___ uses statistical analysis to interpret observed results
- ___ relates results to the goals of the experiment **
- ___ results are accurate
- ___ tables and/or figures report all relevant information ___ without redundancy
- ___ tables and/or figures have useful, appropriately-positioned captions, and are ___ cited correctly
- ___ figures include labeled axes and legends

Discussion

- ___ includes a summary of the main results **
- ___ addresses the general hypothesis and specific goals presented at the end of the introduction **

Style

- ___ grammar and spelling
- ___ ideas are communicated clearly
- ___ ideas are presented in a logical order, and ___ similar ideas are kept together
- ___ avoids unnecessary wordiness and GETS TO THE POINT!!

**** these points are especially important**