

DRAFT AND PREDECISIONAL – DO NOT RELEASE

We will conduct all spatial analyses to include predictions of distribution and relative abundance (when possible). These spatial predictions will always include analyses within PACs such that the relative percent population of the PAC and the percent area are included.

- a. Our base spatial level of analysis is PACs; our analyses will be scale-able up to populations.
- b. We will prioritize the importance of PACs to inform our ultimate decision (how? By grouping PACs into 4 ranked categories according to bird density, where highest density of birds indicates highest priority PAC??)
 - i. Analysis per PAC, which is then scaleable to population and species, will focus on those threats identified in the COT as relevant to that PAC.
 - ii. We anticipate identifying a number of variables that measure PAC integrity such as percent area and percent population within a PAC not at risk, as well as metrics such as the relative contribution each PAC has to the total population, before and after threats. This type of analysis will highlight areas with higher densities of birds and numbers of birds, resulting in a prioritization of the populations across the range.

Comment [WN5]: You are losing me. Not sure what this says.

Comment [KNorman6]: In trying to merge these documents, I kept the one main PAC bullet, but combined the two sections. Ren had included this under Threat Assessment

7. Threats Assessment

~~Threat Assessment~~ We will assess the degree to which whether or not major threats of habitat loss, fragmentation, and inadequacy of regulatory mechanisms have been addressed since 2010 using the following spatially explicit approach and logic:

a. Overall analysis could include the following, although not all are relevant in each area:

- Present or threatened destruction, modification, or curtailment of habitat or range
 - Fire
 - Prevention
 - Curtailment
 - Restoration
 - Invasive Species
 - Cheatgrass
 - Conifers
 - Other
 - Non-renewable energy habitat loss and fragmentation
 - Renewable energy habitat loss and fragmentation
 - Conversion to agriculture
 - Losses to human infrastructure
- Overuse
- Disease or Predation
 - West Nile
- Inadequacy of existing regulatory mechanisms
 - Federal Agency Plans

Comment [KNorman7]: Ren started this section with:
--Our base spatial level of analysis is PACs; our analyses will be scale-able up to populations.
Kate pulled this out into separate bullets above.