Sard, O’Malley, Dayan meeting August 31st Agenda

* Share broad plans
  + Reassign all parentage 2007-2020 (software changes make comparing current assignments to previous assignments difficult, also avoids any mistakes I might have made reproducing Nick’s approach, and allows to apply some lessons I’ve learned working on McKenzie and North Santiam)
  + Present results for parent years 2011-2015 in report for USACE
  + Expect to finish USACE report in December
  + After December consider manuscript for McKenzie project
* Update on LSDR
  + USACE/ODFW stopped LSDR to avoid placing any natural origin salmon (NORs) from below dam habitat above dam. Replaced LSDR in 2015 with recycling ALL NORs downstream before reintroducing above dam.
* Nick’s goals
  + What level of involvement does Nick want with the following manuscript, which we will probably begin focusing on this winter?
  + Lingering questions, analyses waiting for more data etc. What would Nick like to see done with the data?

Notes:

Plan:

* Get Nicks input briefly ( a read through) as report comes together probably in November.
* Nick will have more time in January. Get input then into questions for follow up manuscripts
* Some important questions to address
  + F1s for NOR fish: is there a fitness difference between descendants of HORxHOR parents and NORxHOR
  + What is the relationship between RS and TLF? Now that we have more years where this can be assessed, what sample size is needed for RS of age 0 fish to be a reliable predictor of TLF. This has significant management implications, for example the relationship between RS and TLF determines the efficacy of labor at screw traps.
  + Can we combine offspring data from other systems to get an idea of the straying rate?This is important to evaluating whether or not the above dam population is a sink or source
* Do we need grandparentage analysis:
  + Estimating unsampled individuals seems important given the central question of whether or not the population is growing or shrinking, but not necessary