

Cambodia biodiversity paper notes – Log rank abundance plots–August 8, 2022

I calculated rank abundance at the system level (biomonitoring data), catch level and consumption level.

I labeled the top 7 species in each plot.

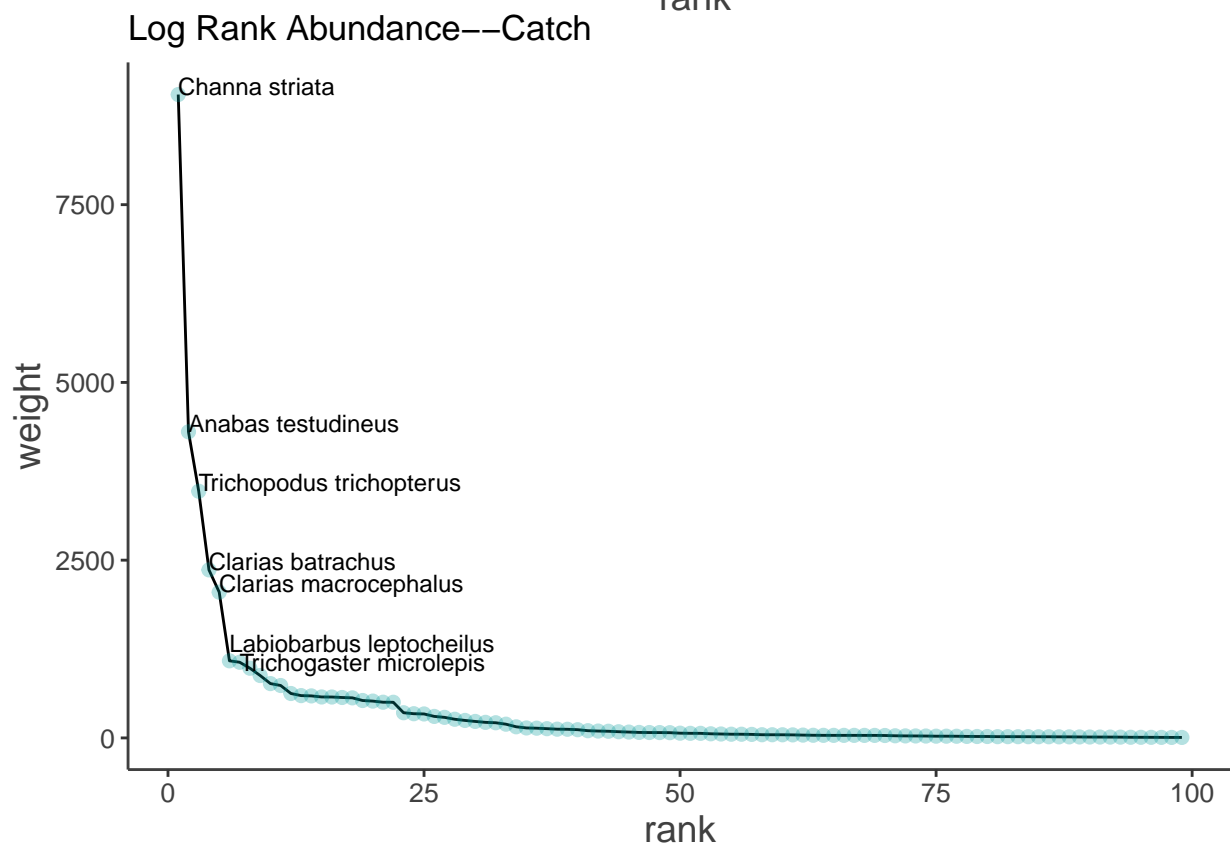
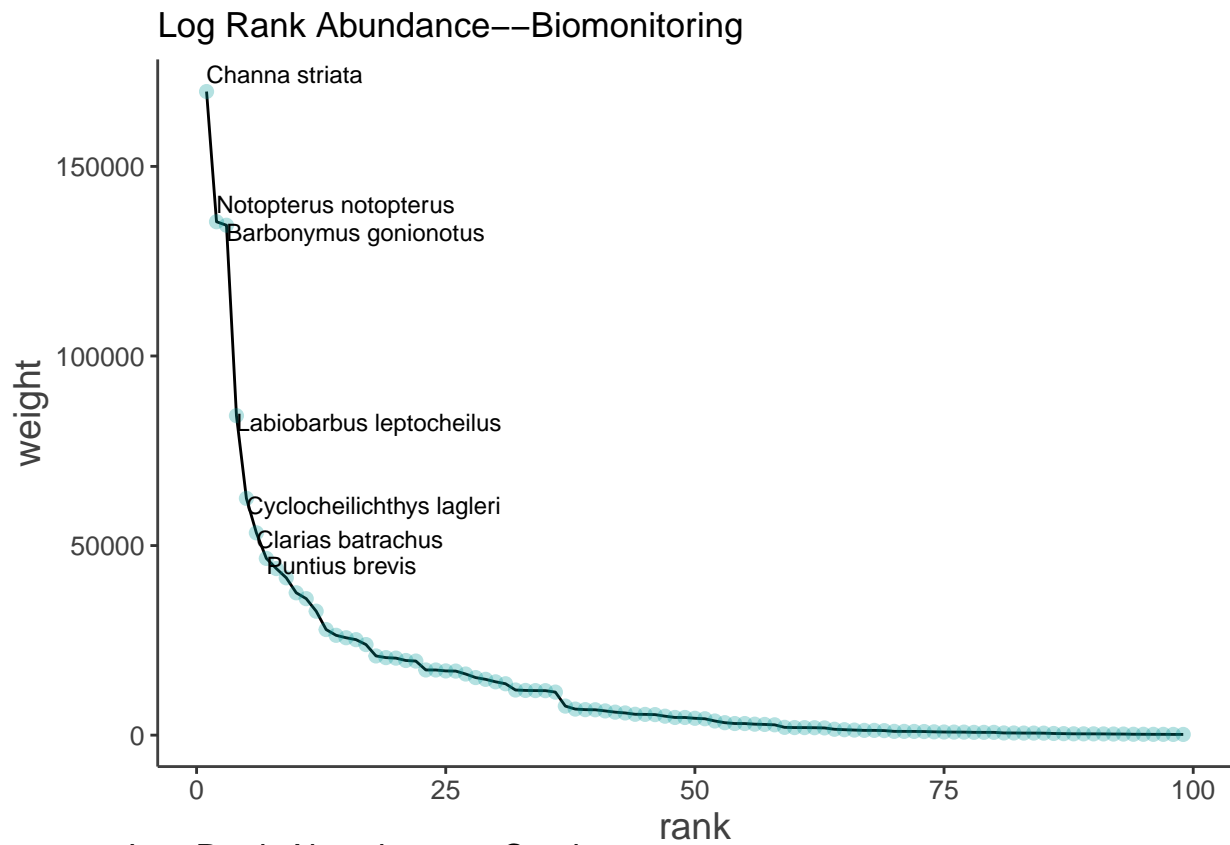
The scales are quite different, making it difficult to put them side-by-side.

I plotted only the top 70 species. This reduced the very long right tail in all plots.

The shape of the distributions are all quite similar to my eyes.

The most caught and consumed species (*Channa striata*) is also the most common in biomonitoring. The second most commonly caught and consumed species (*Anambas testudineus*) does not appear in the top 7 of biomonitoring. It could still be a very common species, but this indicates that there's some targeting going on, as expected.

The second, third and fourth most abundant species in the biomonitoring data do not appear in the top 7 of catch and consumption.



Log Rank Abundance--Consumption

