Dear Dr. Strong,

With this letter, please consider our paper "Ecological Distance in Spatial Capture-Recapture Models” for publication in Ecology.

In this paper we extend recently developed Spatial Capture-Recapture models to accommodate explicit notions of “ecological distance”. Moreover, we show that parameters of the distance metric that reflect relative costs of animal movement over the landscape can be estimated from ordinary capture-recapture data. This is a major advance in the field of capture-recapture as it allows ecologists to develop explicit models of animal space usage and test hypotheses based only on sparse individual-level capture-recapture data. The method should be immediately useful for problems related to corridor and reserve design.

Thank you for considering our manuscript for publication in Ecology.

Sincerely yours,

J. Andy Royle