

Principle 4: You can get out what you put in.

Opportunistic observations are valuable. Simply being in an environment ~~is~~ and paying attention with yields a more complex field of knowledge than is hard to capture in hard data. ~~quantitatively.~~  
But scientific rigour ~~& deliberation~~ and discovery interacts with unstructured observations, leading nuance or new perspectives. Absence data, for instance, is something shared by the scientific survey and the experienced Naturalist.

My hope for this protocol is that it is flexible enough to be used for simply observing presence of ~~an occupied structure~~ an instance of ~~structure~~ being ~~an~~ occupation, but also extends to be able to capture more rigorous efforts, ~~perhaps~~ ~~the~~ and ideally these will ~~be~~ ~~both~~ by the naturalists ~~and by~~ with the inclination or skill, and by ~~the~~ ~~regular~~ ~~as~~ survey efforts. structured survey efforts. In other words, if you put more effort in, the system has a way to accommodate that.

Ways to increase reliability of information.

The following ~~are~~ ~~method~~ survey techniques ~~have~~ ~~to~~ ~~be~~ ~~one~~ ~~ones~~ I have identified as being important for the architecture of the ~~survey~~ monitoring protocol.

- ①. Repeated Visits to ~~visit~~ ~~structure~~ observe a structure.
- ②. Extended time observing a structure.
- ③. ~~any~~ Enhanced methods of observing a structure.
- ④. Using signs of use on ~~envi~~ behaviour of ~~an~~ wildlife to 'home in' on use of a structure.

} needs  
agreed  
section or  
data continuing  
over long term.

In simplest terms, each one of these corresponds to a ~~data element~~. on element in the data ~~produced by the~~ of the monitoring system.

Repeated Observations.

Repeated observations on a site ~~structure~~ ~~should~~ will add up to a considerable confidence in occupation. I suggest that some kind of threshold is developed where a series of presence/absence data with dates can be determined as indicative of occupation status.

Coming up with any more detail is not wise ~~right now~~ at the time of writing. However, I believe that the protocol should pay close attention to time ~~and~~ ~~both~~ ~~you~~ in a way that corresponds to the biology of wildlife, and to the life of volunteers and ~~unpaid~~ ~~not~~ ~~city~~ unpaid naturalists.