§2 pR

not one in particular, the even ~~a simple counts of prime can encounter problems~~ success defined by a simple counts of species can be problematic ~~hanging~~. The species people ~~are~~ different people are interested in can influence which counts they pay attention to, ~~and because nest boxes of different designs may be installed, and can difficult to~~ Variations in ~~nest boxes~~ box design ~~and in~~, and location also vary, further complicating the effectiveness of species counts. Even if information is available, it may be difficult to collate and communicate effectively. ~~Focusing on so~~ paying attention to the ~~structure~~ habitat structure ~~can help~~ is a part of improving success these challenges.

The number of nest box installations and ~~the~~ the cumulative resources ~~they represent~~ ~~is embody~~ embodied therein ~~should~~ also necessitates attention to the structure as a unit of observation. Nest boxes ~~can~~ ~~place~~ are an engineering feat. Being good engineers in conservation comes with a particular context; we ~~should~~ seek to be ecosystem engineers in the best sense of the word, helping the ~~sys~~ system to thrive as a whole ~~we rather than taking~~ and giving back more than we take out. ~~See [illegible]~~.

Focusing on structure is a theme in this protocol, establishing the broader ~~from~~ view, and, I suspect it will ~~go a~~ ~~be influence~~ be signalled strongly in the data ~~structures~~ that arise. The next question ~~after~~ becomes: what structures? Tree Hollows & Nest Boxes, and that not to be already written, have been discussed so far, but considering species diversity ecology shows these distinctions are part of a larger suite of structures. Lots of species use other artificial structures, ~~a fact that landholders~~ ~~some are larger to observe, and~~ a fact that landholders show ~~go~~ great interest in and warrants attention in any discussion on monitoring. ~~Possum~~ Some birds breed in ~~gothic~~ and structures as well, such as ~~[illegible]~~ swallows, ~~and~~ ~~[illegible]~~ martins. ~~Also~~ Bee eaters ~~#~~ use the banks of ~~[illegible]~~ sandy creek-lines. Possums have been observed using rock crevices, and I have ~~seen one repeatedly~~ ~~[illegible]~~ seen one repeatedly ~~in~~ shelter ~~in the [illegible] sandstone bore hole~~ ~~[illegible]~~ ~~in the stump~~ ~~[illegible]~~ ~~[illegible]~~ ~~in a similar~~ that amounts to a depression ~~[illegible]~~ of a mallee stump. All ~~[illegible]~~ is an assumption as these nest sites contribute to usable structures, and ~~influence~~ may influence ~~[illegible]~~ ~~[illegible]~~ ~~community~~ the dynamics of the community of nest-site-users. ~~A broad~~ The monitoring protocol is accordingly ~~designed~~ framed to include all habitat structures that may be used as nest sites. ~~Most~~ Most work will occur in ~~a sub-class of structures~~ the tree-Hollow & Nest-box

Subclasses of structure.

The matter of the pattern in the tree stump highlights another issue with ~~how broad a suite~~ the ~~structures observed~~ types of structures we observe. ~~Also very~~ Many decrepit tree structures ~~[illegible]~~ would not be considered tree hollows, but it's difficult to draw the line between tree hollow and a non-tree-hollow structure, and ~~the~~ animals such as owlet Nightjars, possums, and Pard-lotes ~~challenge~~ and wood swallows challenge ~~how tree hollows are defined~~. any narrow definition of tree hollow. This is further highlighted by tree hollows changing over time. The protocol ~~also~~ needs weight to acknowledge & deal with structures changing over time.

The ~~varied~~ issues around monitoring structures are often in the awareness of the community. Monitoring often is done by NGO and government groups, and records kept by landholders are often ~~too~~ good quality. This protocol aims to draw on the knowledge ~~of~~ from current monitoring ~~efforts while~~ make sure that monitoring efforts are mutually intelligible, and provide guidance on best practice to anyone who wants to ~~monitor structures~~ undertake monitoring. The ~~approach~~ philosophy of the protocol is to avoid prescribing methods, instead providing guidance based on the best ecological knowledge available, about ~~how to~~ what conclusions can be drawn from certain surveying ~~methods, and~~, and what sort of information is needed to compare findings across groups. Determining the structure of the protocol will require consultation and research, and preferably in-field testing for any new methods. However, I suspect that some of the key variables will include the ~~time and~~ frequency and duration of surveys needed to establish occupancy for a species, and that needed to establish absence of occupancy.