

APPENDIX G: LIKELIHOOD OF OCCURRENCE CRITERIA

Likelihood	Criteria
Highly Likely	The species has been recorded (i.e. during recent assessments of the survey area or from reliable records obtained via database searches or from current vouchered specimen at WA Herbarium) in/immediately surrounding the survey area.
Likely	There is a medium to high likelihood that the species occurs in the survey area as it occurs within the known distribution of the species, contains suitable habitat (either year-round or intermittently, such as temporary water sources or features that are only relied upon during certain times of the year e.g. breeding caves, for fauna) and the species has been recorded recently nearby.
Possible	<p>There is a potential for the species to occur in the survey area, as:</p> <p>The species has been recorded recently nearby; however,:</p> <ul style="list-style-type: none"> the species may not have been detectable during current or previous studies (e.g. rare, patchily distributed, highly mobile (fauna), non-optimal study timing); and/or the species is known to be cryptic and may not have been detectable despite extensive studies. <p>The species has been recorded recently nearby and species presence cannot be ruled out due to factors such as species ecology or distribution; however,:</p> <ul style="list-style-type: none"> doubt remains over taxonomic identification; and/or the majority of habitat does not appear suitable. <p>Coordinates are doubtful.</p>
Unlikely	<p>The species is unlikely to occur in the survey area as:</p> <ul style="list-style-type: none"> The species has not been recorded locally through DBCA database searches. The survey area lacks potential or critical habitat, supporting at best marginally suitable habitat, and/or being severely degraded. Only recorded from a few historic record/s and no other collections in the area. The species has not been recorded in the survey area despite adequate effort, such as a standardised methodology or targeted searching within potentially suitable habitat.