

APPENDIX D – QUICK REFERENCE FOR WHY’S AND HOW’S OF NEST PROTECTION AND MARKING

Table D-3. Why’s and how’s of nest protection and marking (complete details of techniques and requirements are located in Section 2).

NEED (Why)	NESTS CHOSEN	LOCATE CLUTCH?	TECHNIQUE (How)	REQUIREMENTS
Protection from ants	Any nest that is threatened	No	Apply baits	Use only when needed
Protection from mammalian predators	Any nest that is threatened	Yes	Self-releasing screen or cage with a nest sign attached	Must be specifically permitted to screen or cage. Remove cage or screen after emergence
Protection from artificial lighting	Nests where disorientation occurs despite extensive light management	Yes	Restraining cage with nest sign attached	Must be specifically permitted to cage. Monitor cage nightly between 11 pm to 1 am and 5 am to 7 am starting on day 45 of incubation.
Protection from foot traffic	Nests in densely used footpaths	No	Three to four stakes and ribbon surrounding the nest.	Remove stakes after emergence is complete
Data collection for hatching success	All caged, screened and hatchery nests and every n th nest	Yes	Multiple stakes that pinpoint the clutch location. Back-up stakes hidden in dune are recommended	Monitor nest regularly; attempt to find every marked nest for inventory
Data collection for predation rate only	Every n th nest	No	Visible stake offset from estimated clutch location	Monitor nest regularly; attempt to find every marked nest for predation assessment

Note: Copies of the annual nesting summary forms are mailed out at the beginning of each nesting season.