

Nest content

Three days after the first hatchlings emerged from the sand, the nest should be dug up to take stock of situation and to rescue the odd hatchling that may be stuck in the nest.

Rubber gloves should be worn when excavating nests because nests regularly contain rotten eggs and petrified, dead hatchlings.

Categories and definitions of nest contents to be recorded on data sheets

E=Emerged	Hatchlings leaving or departed from nest
S=Shells	Number of empty shells counted
L=Live in nest	Live hatchlings left among shells
D=Dead in nest	Dead hatchlings that have left their shells
UD=Undeveloped	Unhatched eggs with no obvious embryo
UH=Unhatched	Unhatched eggs with obvious embryo
UHT=Unhatched term	Unhatched apparently full-term embryo in eggshell or pipped with yolk material
P=Depredated	Open, nearly complete shell containing egg residue

- Hatching success refers to the number of hatchlings that hatch out of their egg shell %

$$\frac{\text{n. shells}}{\text{n.shells+n.UD+n.UH+n.UHT+n.P}} \times 100$$

- Emergence success refers to the number of hatchlings that reach the beach surface

$$\text{Emergence success\%} = \frac{\text{shells (L+D)}}{\text{Shells +UD+UH+UHT+P}} \times 100$$