

A close-up photograph of a snake's head, focusing on the scales. The scales are a mix of orange, brown, and tan colors, with a glossy, slightly reflective texture. They are arranged in a regular, overlapping pattern. The lighting is bright, creating highlights and shadows that emphasize the three-dimensional shape of the scales.

SNAKE SAFETY IN THE MINING INDUSTRY

**SCOTT EIPPER
NATURE 4 YOU**

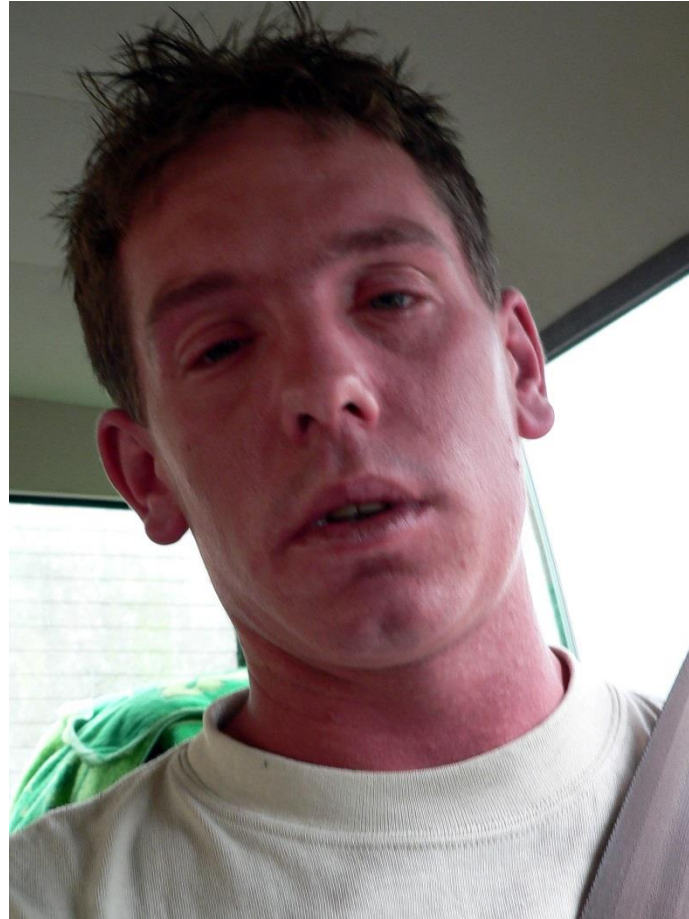
**IT DOES NOT LOOK
LIKE MUCH.....**



20 MINUTES LATER....



35 MINUTES AND ANAPHYLAXIS



**24 HOURS AND NO
PERMANENT DAMAGE.....**



**THESE WERE
PERMANENT**



**AND THESE PEOPLE
DID NOT GO HOME...**



**SO HOW DO WE AVOID
THIS.....**



+



SNAKE DETERRENTS

????

Snake Repellers

vibration type

chemical



SO WHAT DOES WORK

Keeping the site clean

Staff Training

Staff awareness

Staff instruction

**Having trained
personnel onsite**



STAFF TRAINING- AN OVERVIEW

Awareness

Training specialists

Posters

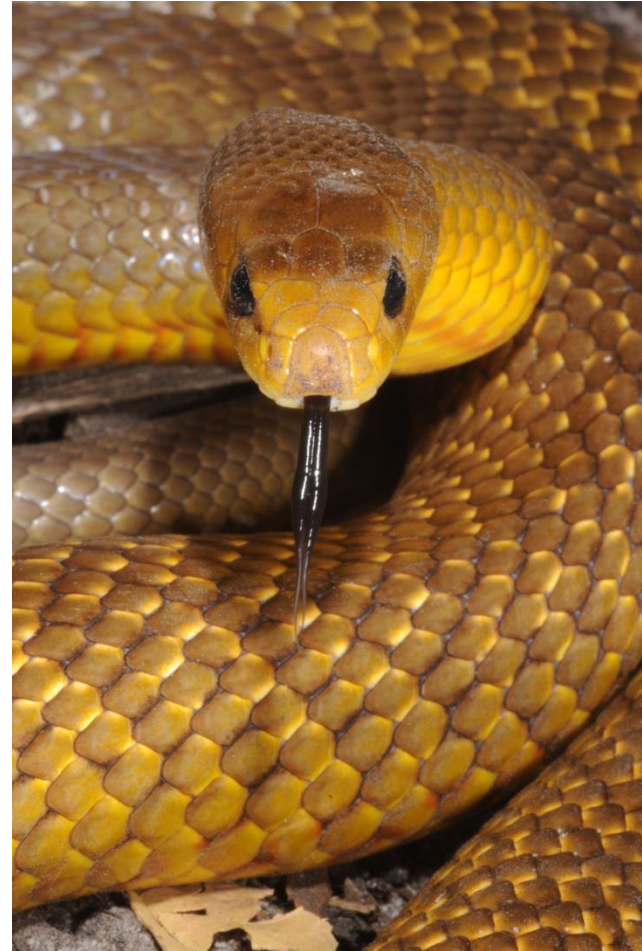
Enviro Department

W.H. & S

Snake Catchers

Internet

Other Resources



TRAINING SPECIALISTS

Can provide:

Posters

site specific

identification

Staff Training

environment staff

snake catchers

W.H. & S

V.O.C

Risk minimisation



POSTERS

**Can provide
general
information**

**Cheap to produce
and replicate**

Often outdated

**Easy to provide
incorrect
information**



ENVIRONMENT STAFF



**Provide site specific
information**

identification

threatened species

risk analysis

further support

updates

specific queries

WORKPLACE HEALTH AND SAFETY

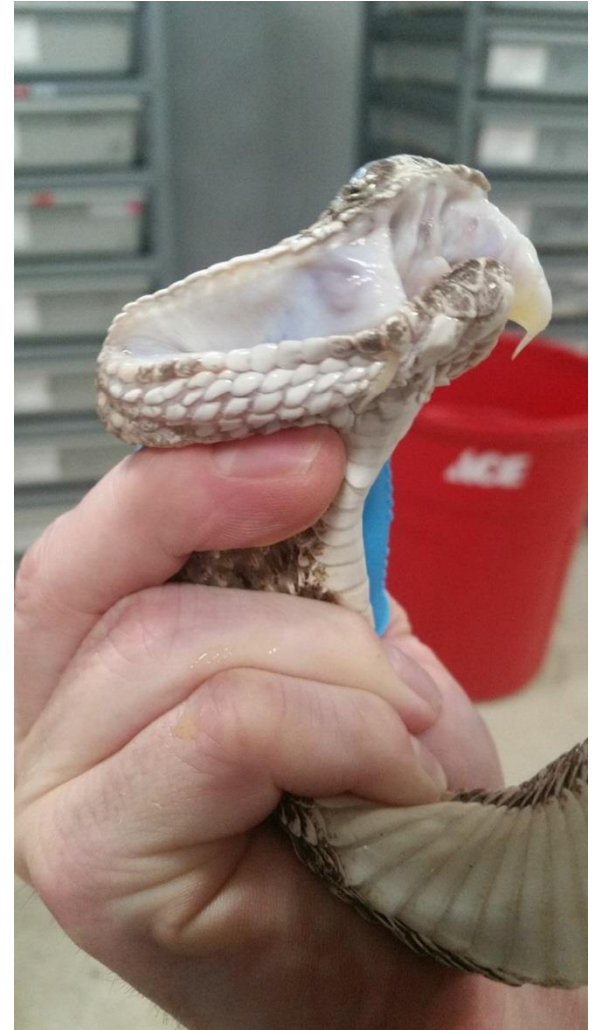
**Incident minimisation of risk
through education**

**Providing support to workers
and environmental departments**

Incident analysis

**Engagement of outside
professionals**

HANDS OFF SOLUTIONS



SNAKE CATCHERS

Catching courses methods

hook and bag

tubes

manipulation

managing staff

spotters

onlookers

security

environment



SNAKE CATCHERS

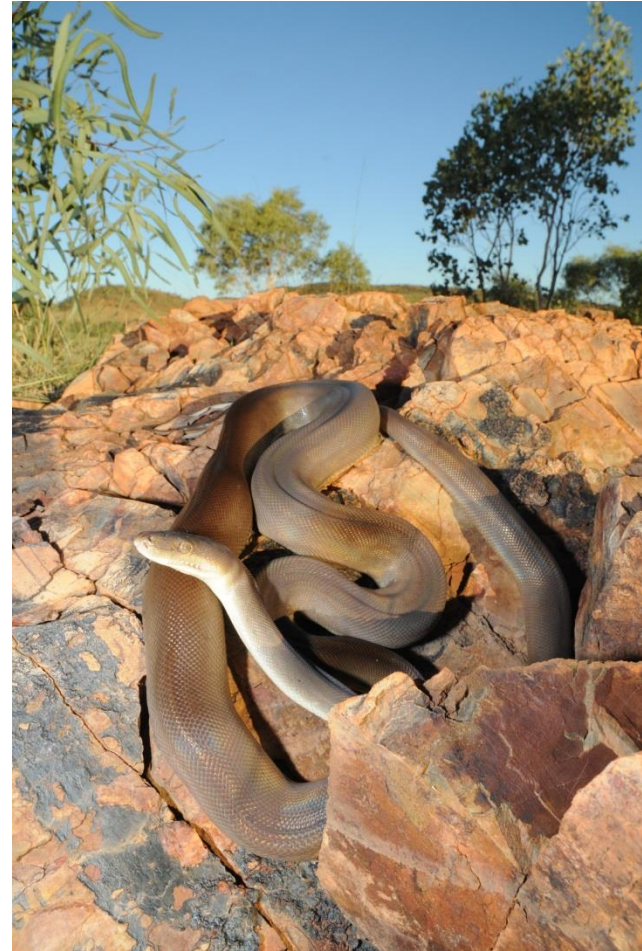
Legislative Compliance

Personal Safety

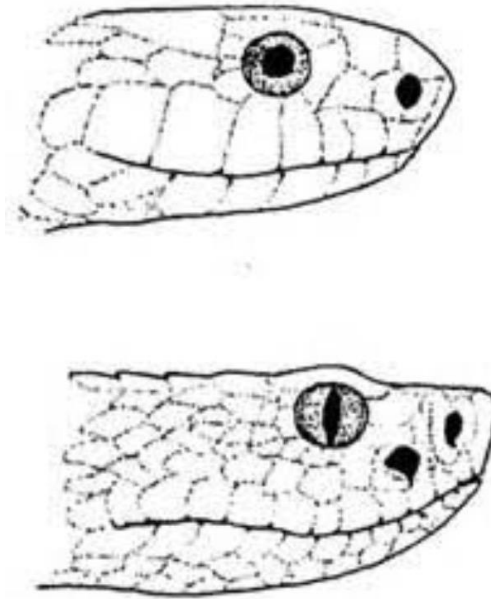
Release sites

Animal ethics

Data recording



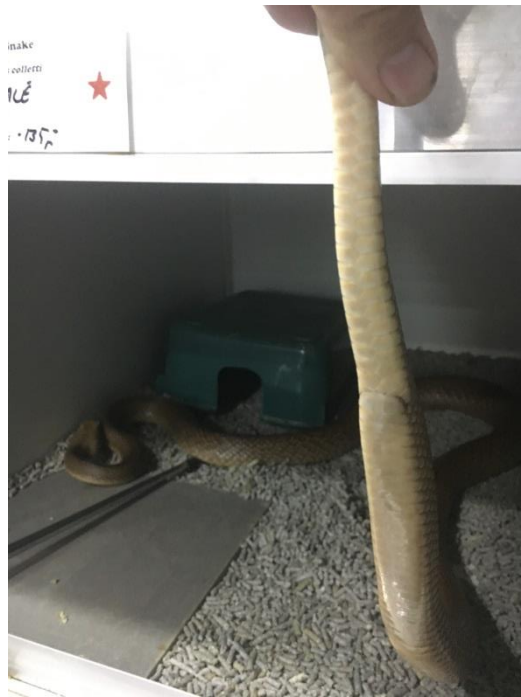
INTERNET



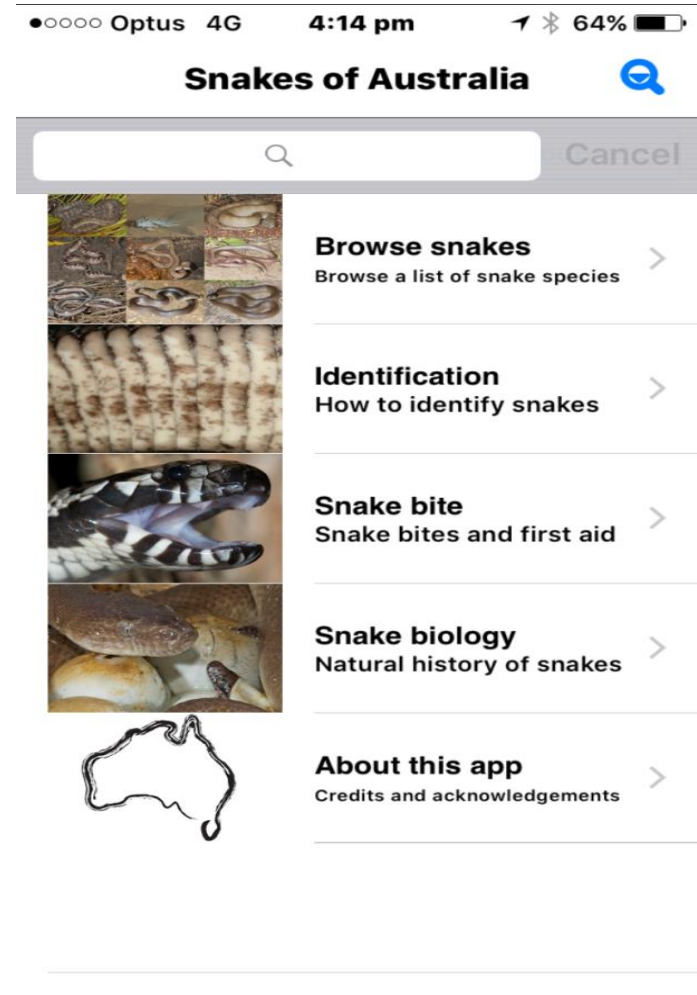
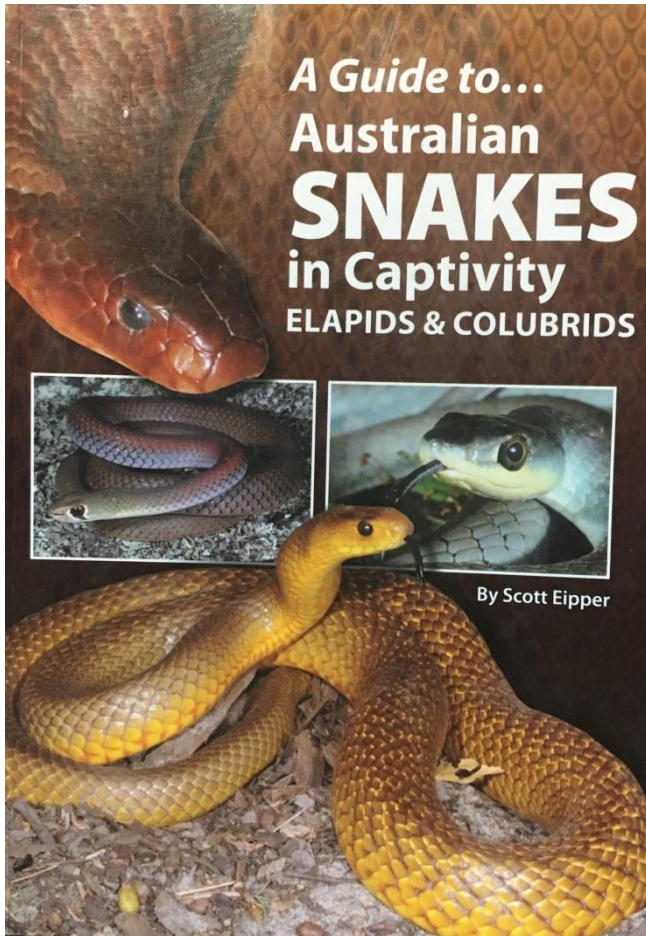
Heads of nonvenomous (top) and venomous snakes (bottom)

Poisonous	Harmless
<p>Triangular head (arrowhead)</p> <p>Elliptical pupil</p> <p>Fangs</p> <p>Anal plate</p> <p>(Rattlesnakes) Rattles</p> <p>Single row subcaudal plates</p> <p>No rattles (copperheads and cottonmouths)</p>	<p>Oval head (egg-shaped)</p> <p>Snout</p> <p>Round pupil</p> <p>Teeth</p> <p>Anal plate</p> <p>Double row subcaudal plates</p>

INTERNET



OTHER RESOURCES

















QUESTIONS?????

