

Diamond/carpet python care

Morelia spilota includes many subspecies of diamond and carpet pythons, which are large non-venomous snakes native to Australia. Many of the subspecies, such as the diamond python, are quite gentle snakes, but some may be a little irritable. With appropriate care, they can live a healthy life for more than 30 years.

Enclosure

- Enclosure size varies with size of the python; at a minimum, the enclosure should be 1m long x 1m high x 0.5m wide
- Enclosure should be constructed of materials that retain heat and are easy to clean. All glass enclosure may not retain heat well as glass is a poor insulator.
- There are many substrate options, all having pros and cons. Newspaper or paper towels are an easy to clean substrate.
- Clean the enclosure once weekly and spot clean as required
- Provide climbing and hiding furniture (branches, rocks, hide box) for enrichment, activity and improved thermoregulation
- Outdoor enclosures should be considered if the local climate permits, ensuring both shade and sunshine are available and the area is predator and escape proof.
- Provide a water bowl large enough for the python to bathe in
- The humidity requirements depend on the subspecies

Temperature

- Monitor the temperature with at least 2 digital thermometers placed at the level of the python. The preferred temperature depends on the subspecies.
- Basking spot: 32-35C provided with a thermostatically-controlled globe
- Cool end: 24C (to allow your python to thermoregulate)
- Night temp: 21C and above. Use a heat mat underneath the enclosure if required. Do not use hot rocks

Lighting

- Recommended light cycle is 12 hours of light and 12 hours of darkness
- Although nocturnal, a UV light should be provided for pythons for general well-being and to allow normal behaviours to occur. UV globes should be positioned within a distance recommended by the manufacturer from the basking spot (usually ~ 30cm), and not filtered by glass. Replace the globe at least every 6 months (even if the globe still appears to be working).
- No artificial UV globe is a replacement for natural sunshine. Provide your python with regular access to natural unfiltered sunshine. Make sure shade is provided to prevent overheating.

Diet

- Pythons are completely carnivorous
- Suitable food items are rodents or birds. Food items must be dead; it is illegal and inhumane to feed live prey.
- Juveniles eat once a week, adults eat every 2-3 weeks. Feed 10% body weight.
- The food items can be occasionally supplemented with a multivitamin.

Handling

- Avoid overhandling as this can be stressful
- Avoid handling your python after a meal or during shedding
- When handling your python, support its whole body to prevent injury

Health care

- Newly acquired pythons should be quarantined and examined by a vet, which may include parasite testing and blood tests. Annual check-ups are recommended thereafter, especially if they are used for breeding
- Weigh your python regularly and record the weight
- Wash your hands after handling your python and between handling of different reptiles