

Bosc (Savannah) Monitor



OVERVIEW



- Scientific Name: *Varanus exanthematicus*
- Origin: Eastern and Northern Africa
- Ease of Care: Advanced (due to potential adult size, large vivarium requirement, and large appetite)
- Potential Adult Size: 3.5 to 5 feet
- Life Span: Upwards of 15 years
- Behaviour: Diurnal
- Diet: Insectivore / Carnivore
- Handling: Advanced

TOP TIPS

- ✓ To keep your Bosc Monitor stimulated, vary their food

HOUSING

Young/Juvenile -

HabiStat Standard Vivarium 4ft x 2ft x 2ft (HV4824)

Adult/2ft -

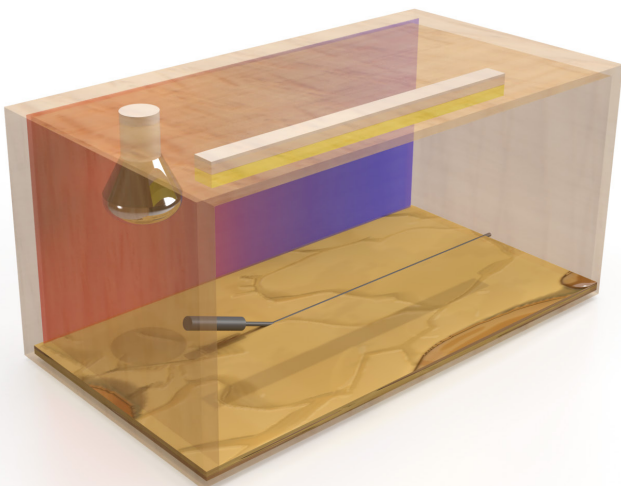
An 8ft x 3ft x 3ft custom-built enclosure would be required for an adult, as they can grow up to 5ft long.

EQUIPMENT NEEDED

- Housing: Vivarium
- Heating: Heat Bulb
- Thermostat: Dimming Thermostat (High Range)
- Lighting: UV Tube (Light Cycle: 12 hours of light)
- Substrate: HabiStat Jungle Bio, Arcadia EarthMix Arid, HabiStat Orchid Bark
- Water: HabiStat Sandstone Water Dish

ENVIRONMENT

Terrestrial Vivarium Setup



Enclosure Readings

- Background Temp: 30°C - 35°C (86-95°F)
- Hot Spot: 38°C - 40°C (100-104°F)
- Night-Time Temp: 23°C - 26°C (74-79°F)
- Humidity: 50%-60%
- UVI: 4-6

Heating

The Bosc Monitor (*Varanus exanthematicus*) is considered a diurnal reptile and requires a suitable light and heat gradient in the enclosure to simulate a complete 24-hour period.

Provide a warmer/hot area towards one end of the enclosure, using an overhead heat source to offer a heat gradient.

Use an Arcadia Pro Ceramic Lamp Holder & Bracket (RADCHP) with the HabiStat Heat Bulb (HBB150) and the HabiStat Heater Guard (HHG24) protecting the bulb, all running in conjunction with a HabiStat Dimming Thermostat (HTDWHR).

Check temperatures and humidity regularly using a reliable thermometer and hygrometer to ensure that there are no extreme fluctuations.

Lighting

Fit the Arcadia Pro T5 14% (RARTP54D) or alternatively the Arcadia LumenIZE Pro T5 UVB Kit 14% (RARLZ54D) on the inside roof of the Vivarium.

Ensure that it is fitted correctly and within the manufacturers recommend distances providing a UVI of 4-6.

Substrates and Decoration

Personal choice will dictate how you decorate your enclosure, but we recommend the following as examples:

- HabiStat Jungle Bio (HSJB25), Arcadia EarthMix Arid (RAREA10), HabiStat Orchid Bark (HSOBC60)
- HabiStat Cork Branch (HDB1), HabiStat Cork Bark (HDCB5), HabiStat Grapevine (HSGV) will offer shelter and enrichment within the enclosure

DIET & WATER

Bosc Monitors are primarily an insect eating species and consume large amounts, so dietary variety is important. Occasionally they can eat thawed rodents or poultry as a treat.

Always provide a source of fresh water. The HabiStat Sandstone Water Dish (HRSSCEL) will provide a safe and sturdy option.

To maintain and regulate humidity within the enclosure, mist as required.

SUPPLEMENTATION

Following a supplementation regime that involves calcium and multivitamin powders such as HabiStat Pure Calcium (HMC40), HabiStat Reptavite (HMRV40), HabiStat Repton (HMR40) and Arcadia Earth Pro-A (RAREP100) will be beneficial to the health and wellbeing of the animal.

ADDITIONAL INFORMATION

- Bosc Monitors can grow to around 5ft in length. Therefore, they require a very large enclosure with a minimum enclosure size of 8ft (L) x 3ft (D) x 3ft (H).
- Bosc Monitors love to dig, so a deep substrate is essential.
- When choosing to look after this species, it is important to consider their adult size. A baby Bosc Monitor looks cute and tiny, but they have specialist care needs as an adult.

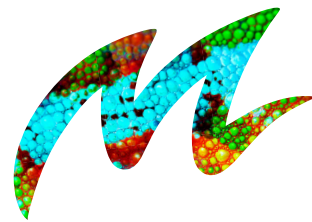
HEALTH & HYGIENE



We recommend the following cleaning routine to keep your Bosc Monitor healthy and happy:

	Water	Substrate	Enclosure
Daily	Change old water for fresh water	Spot clean	Check vents on enclosure are not blocked and allow air to pass through freely
Weekly	Disinfect water bowl or dish	Agitate substrate to prevent any bacterial build-up and remove any dirty bedding	Wipe down glass and walls with a reptile safe disinfectant
Monthly		Take out old substrate and replace with new substrate	Wipe down inside the enclosure and disinfect décor with a reptile safe disinfectant

Always wash your hands, surfaces and equipment with warm water and disinfectant immediately before and after handling or feeding your animal, their food, enclosure and any other equipment using HabiStat Anti-Bac Spray (HABS) for any surface, and HabiStat Hand Sanitiser (HABG) for hand hygiene.



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HabiStat



DATA MONITORING



Complete this Sheet at the same time every day e.g. 12pm

	Hotspot Temp 38°C-40°C (100°F-104°F)	Background Temp 30°C-35°C (86°F-95°F)	Humidity 50%-60%	UVI 4-6	Night Time Temp 23°C-26°C (74°F-79°F)	Feeding
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						
Saturday						
Sunday						