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## Red Mountain Ratsnakes (*Oreocryptophis porphyracea* ssp.)

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### **Red Bamboo Beauties**

The red mountain ratsnakes are a fairly small to medium sized species with a vibrant red to reddish-orange ground color, and darker longitudinal stripes or banding depending on subspecies and locality. The head is also relatively small and squarish as well. Six (6) subspecies are currently recognized: *O.p. porphyraceus*, *O. p. coxi*, *O. p. kawakamii*, *O. p. laticinctus*, *O. p. vaillanti*, and *O. p. pulcher*. Other common names for this species include the red mountain racers, red bamboo snakes, black/banded trinket snake, bamboo ratsnakes, or other differing combinations of these names thereof. This species is indigenous to the cooler climates within their range, and are oftentimes a shy, crepuscular, and secretive species, preferring to burrow or remain hidden or unseen.

### **Taxonomy**

**Life:** All living, physical, and animate entities

**Domain:** Eukaryota

**Kingdom:** Animalia

**Phylum/Sub Phylum:** Chordata/Vertebrata

**Class:** Reptilia

**Order:** Squamata

**Suborder:** Serpentes

**Infraorder:** Alethinophidia

**Family:** Colubridae

**Subfamily:** Colubrinae

**Genus:** Oreocryptophis

**Species:** *Oreocryptophis porphyracea*\*

*\*Taxonomy subject to change and revision.*

### **Lifespan and Longevity**

If provided the proper care, red mountain ratsnakes can attain longevity of 15 to 25 years or more.

### **Distribution and Habitat**

This species is indigenous to the mid to high elevation tropical to dry seasonal forests and woodlands of southeastern Asia, where they are found in the moss, leaf litter, and under rocks, logs, and other debris. Their exact range depending on the subspecies, but generally encompasses all or portions of India, Laos, Myanmar, Nepal, Thailand, Vietnam, Taiwan, to Indonesia,

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Malaysia, Sumatra, and China.

### **Conservation Status**

Not Evaluated for the IUCN Red List (NE) or otherwise Data Deficient (DD).

### **Experience Level Required**

Intermediate/Moderate.

### **Size**

Red mountain ratsnakes range from 5 to 8 inches as hatchlings, and 2 ½ to 3 ½ feet in length for most adults, or about 30 to 40 inches.

### **Housing and Enclosure**

Housing must be sealed and escape proof. Hatchling red mountain rat snakes can be housed in a 10 gallon terrarium or enclosure. Adult red mountain rat snakes should be housed in a minimum of a 20 to 30 gallon long terrarium or enclosure or similar sized enclosure. These secretive rat snakes will do best on a substrate that enables them to burrow and hide, and can include aspen or fine aspen shavings, coconut fibers, orchid bark, or cypress mulch. Do not use pine or cedar shavings, as these substrates are toxic to snakes. Provide a fresh water bowl or dish and a hide box at all times in the enclosure. Artificial foliage, driftwood, and other cage furnishings can provide additional hiding and basking opportunities. Maintain red mountain rat snakes at moderate to higher humidity levels, but still allow for drier areas for them to access. Too much or too little ventilation or inadequate humidity can lead to respiratory infections, blisters, and/or other health related issues in this species. For maintaining adequate humidity, a minimum of two humid hide boxes should be provided lined with a substrate that retains humidity well, such as sphagnum moss. Red mountain ratsnakes are a semi-arboreal species, and will climb and can be given some opportunities to do so, but generally, floor space is more important than height with this species.

### **Temperature, Lighting, and Humidity**

These snakes originate from relatively cooler mid to higher altitude climates within their natural ranges, and husbandry and temperatures should replicate these conditions closely. Create a thermal gradient (or a warm side) in the cage/enclosure with an appropriate sized under tank heating pad, ceramic, or radiant heat emitter. These snakes are endemic to cooler climates, and husbandry should reflect this. Ideal temperatures for red mountain rat snakes should range from a gradient of 60 to 80 degrees F, with temperatures not to exceed 82 degrees F for prolonged periods of time. Red mountain rat snakes will typically do well at simply room temperature of 70 to 75 degrees F. They, as with most snakes, do not require UVA/UVB lighting, although providing it can be greatly beneficial for their overall health and well-being. Also spot clean the enclosure for urates, feces, or uneaten food at least once per week. Be sure to periodically replace the substrate, clean, and disinfect the enclosure and its furnishings at minimum every 2 to 3 months. More specific lighting, heating, and humidity product suggestions and recommendations that can best suit one's needs, as well as those of one's animals can be given as well.

### **Feeding, Diet, and Nutrition**

***Carnivorous;*** In the wild, red mountain ratsnakes are carnivorous, and will prey upon rodents and other small mammals, small birds, bird eggs, smaller amphibians and reptiles, and other smaller vertebrates. Hatchlings and juveniles will also occasionally eat smaller frogs, lizards, or other reptiles. In captivity, red mountain ratsnakes can be given feeder rodents of appropriate size, such as rats or mice, although some may require scenting with frogs or lizards. In most

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circumstances, it is recommended to provide humanely pre-killed rodents acquired from a reputable source, as offering live rodents to any snake can carry risk of serious injury or even death to your snake when the rodent bites to defend itself or otherwise gnaws on your animal. A general rule of thumb when selecting feeder rodent sizes for your snake is to provide prey items that are approximately the same width as the snake's widest point. It should also be noted that many snakes may refuse food for longer periods of time over several weeks or months, especially in the fall and winter months or if several other husbandry conditions are not being met. While this can be alarming to new pet owners, it is oftentimes normal, but their overall health and weight should be monitored during these times to make sure they do not lose weight or otherwise deteriorate. Most snakes typically are fed whole prey items, and do not usually require additional calcium or vitamin D3 supplementation unless otherwise directed. Their feeding frequency will also depend on the age, size, and overall health of your animal. Use care as to not overfeed them, as obesity and other health related issues can become an issue. More specific dietary and supplementary product suggestions and recommendations that can best suit one's needs, as well as those of one's animals can be given as well.

### **Handling**

Red mountain rat snakes are generally a shy and secretive species. As with many snakes, hatchling and juveniles especially may oftentimes initially be nervous and defensive. They may rattle their tails, musk or defecate, or bite when alarmed. Although they can be handled for short periods of time, they are still a fairly shy, secretive species that can be nippy and typically will not tolerate frequent and/or prolonged handling (as some hardier species will). Handle these snakes of any age or size gently and deliberately, but do not drop or injure the animal.

**\*\*Also be sure to practice basic cleanliness and hygiene associated with proper husbandry after touching or handling any animals or animal enclosures to prevent the possibility of contracting salmonellosis or any other zoonotic pathogens\*\***

### **Contact**

Authored by Eric Roscoe. For any additional questions, comments, and/or concerns regarding this animal, group of animals, or this care sheet, please email and contact the Madison Area Herpetological Society at [info@madisonherps.org](mailto:info@madisonherps.org)

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