UVI Zone	Latin Name	Common Name
Heliophotic Zone	*Geochelone sulcata*	African Spurred Tortoise
	Pogona vitticeps	Bearded Dragon
	Stigmochelys pardalis	Leopard Tortoise
	Uromastyx ornatus	Ornate Spiny-tailed Lizard
Euphotic Zone	*Crotaphytus collaris*	Eastern Collard Lizard
	Eremias arguta	Steppe Runner
	Leiocephalus personatus	Northern Curly-tailed Lizard
	Testudo graeca	Greek Tortoise
	Testudo hermanni	Hermann's Tortoise
Mesophotic Zone	*Agrionemys horsfieldii*	Russian Tortoise
	Anolis carolinensis	Green Anole
	Chamaeleo calyptratus	Veiled Chameleon
	Chrysemys picta	Painted Turtle
	Furcifer pardalis	Panther Chameleon
	Iguana iguana	Green Iguana
	Phelsuma laticauda	Gold Dust Day Gecko
	Physignathus cocincinus	Chinese Water Dragon
	Takydromus sexlineatus	Long-tailed Lizard
	Trachemys scripta elegans	Red-eared Slider
	Trachemys scripta scripta	Yellow Bellied Slider
Cryptophotic Zone	*Agalychnis callidryas*	Red-Eyed Tree Frog
	Ambystoma mexicanum	Axolotl
	Ambystoma tigrinum	Tiger Salamander
	Boa constrictor	Boa Constrictor
	Bombina orientalis	Fire Belly Toad
	Brachypelma smithi	Mexican Red-kneed Tarantula
	Ceratophrys ornata	Ornate Horned Frog
	Coenobita clypeatus	Caribbean Hermit Crab
	Correlophus ciliatus	Crested Gecko
	Cruziohyla sylviae	Sylvia's Tree Frog
	Cynops orientalis	Chinese Fire Belly Newt
	Dendrobates auratus	Green and Black Poison Dart Frog
	Dendrobates leucomelas	Yellow-banded Poison Dart Frog
	Dendrobates tinctorius	Dyeing Poison Dart Frog
	Eublepharis macularius	Leopard Gecko
	Glyptemys insculpta	Wood Turtle
	Hadrurus arizonensis	Desert Hairy Scorpion
	Hyla cinerea	American Green Tree Frog
	Lampropeltis triangulum	Milk Snake
	Litoria caerulea	White's Treefrog
	Oophaga pumilio	Strawberry Poison Dart Frog
	Pandinus imperator	Emperor Scorpion
	Pantherophis guttatus	Corn Snake
	Phyllomedusa sauvagii	Waxy Monkey Tree Frog
	Pithecopus hypochondrialis	Tiger-legged Monkey Frog
	Python regius	Ball Python
	Salamandra salamandra	Fire Salamander
	Trachycephalus resinifictrix	Amazon Milk Frog

UV INDEX ZONES

11+	**Danger Zone - Extreme**
10	**Heliophotic Zone - Very High**
9	In the Heliophotic Zone reside mid-day open sun baskers, reptiles adept at thriving under intense sunlight. Evolved for rapid heat absorption, they actively engage with the environment when the sun is at its peak, showcasing an exemplary adaptation to solar intensity.
8	
7	**Euphotic Zone - High**
6	In the Euphotic Zone, open or partial sun baskers adeptly navigate varying sunlight intensities.
5	**Mesophotic Zone - Medium**
4	Occupying the Mesophotic Zone, partial sun or occasional baskers exhibit adaptive basking behaviors, optimizing body temperature and UV-B intake while avoiding overheating. Their habitats balance sunlight and shade, catering to metabolic needs through calculated sun exposure.
3	
2	**Cryptophotic Zone - Low**
1	Reptiles and amphibians of the Cryptophotic Zone have adapted nocturnal and crepuscular activity or are the typical 'Shade Dwellers' that exhibit an aversion to direct solar exposure. Whether opting for concealed exposure or deliberately positioning themselves to receive solar radiation, these creatures necessitate Ultraviolet for their physiological well-being.
0+	

The UV Index Zones signify the upper limits of exposure, serving as essential guidelines for configuring terrariums. It is imperative to establish gradients within the terrarium, ensuring that these maximum UV Index values are exclusively designated to basking spots. These readings must not surpass the stipulated values within any potential dwelling or basking areas inside the terrarium, safeguarding the inhabitants' wellbeing. Offering a variety of exposure levels within reach of the housed animals is vital, but under no circumstances should higher values be accessible to them. This cautious arrangement is crucial for maintaining a balanced and safe environment, allowing the animals to regulate their exposure according to their individual needs, thereby promoting healthier and more natural behaviors within the controlled habitat.