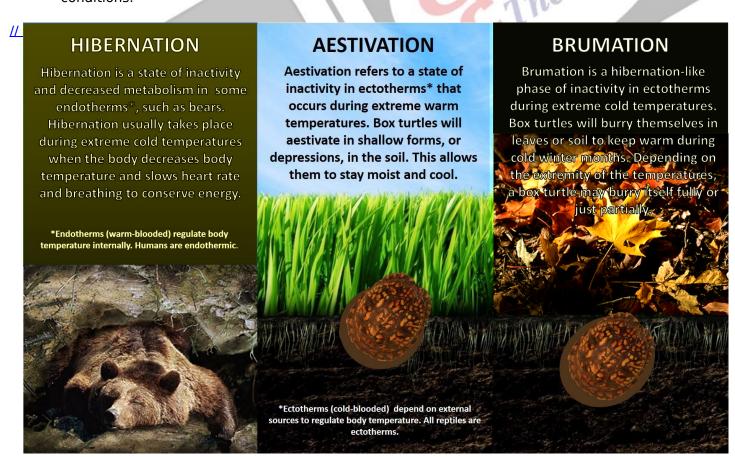


Brumation a Survival Strategy in Reptiles

Source: TH

Recently, researchers have shed light on a survival strategy employed by reptiles known as brumation.

- Brumation refers to a state of dormancy or reduced activity in reptiles, akin to <u>hibernation</u> in mammals, typically occurring in colder months with limited food availability and is a natural part of their cycle.
 - Reptiles are cold-blooded vertebrates. (Vertebrates have backbones.) They have dry skin covered with scales or bony plates and usually lay soft-shelled eggs.
- Reptiles enter brumation to conserve energy and endure harsh conditions when temperatures drop and food becomes scarce, allowing them to survive until they can reemerge for feeding and reproduction in favourable environments.
- Reptiles retreat to sheltered areas like burrows or rock crevices, slowing metabolism to endure extended periods without eating.
- Researchers have documented instances of brumation in various reptilian species, including turtles, snakes, and lizards, each exhibiting unique behaviours to cope with adverse conditions.



Read more: World's Smallest Reptile

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