



# REPTILES



FRANS VERMEULEN

**Materia Medica  
Clinical Manifestations  
Affinities  
Biological Profiles  
and  
Characteristics  
of**

# REPTILES

**FRANS VERMEULEN**



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#### *Shared Characteristics*

History. Reproduction. Temperature regulation. Surviving on very little. Digestive tract. Brain & sense organs. Circulatory system. Respiration. Urinary tract. Skeleton. Skin.

#### *Those Crawly Things*

Bans & fans. The obnoxious duty to denote blame. Nature's regrettable moments of creation. Fear, fascination & freaks. Immortality lost. Reptiles as sex symbols.

#### *The Reptilian Brain*

#### *Reptilian Humanoids*

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#### *Biological Profile*

Diversity of crocodylians. Distribution & habitat. Physical features. Digestive tract & metabolism. Lactic acidosis. Heart like mammals. Lungs like birds. Death role to subdue & dismember prey. Downward movement. Senses. Territorial tiffs. Social behaviour. Courting & mating. Maternal care. Anti-bacterial properties – Putting the bite on germs. Differences between crocodiles & alligators. Differences in temper & activity.

#### *Crocodylian Connotations*

Amazingly stealthy. Amphibious ambiguity. Brutal force. Burdened with malice. Crocodylian character. Devil's mafia. Devouring. Distinguishing between right & wrong. Evil outsiders. Fear of emasculation. Growing largest from the smallest beginning. Hell's entrance. Hideous blot. Inverted aggression & crippled sentiment. Quick to learn & adapt. Sluggish pretense of humility. Tainted with sin. Tears of a crocodile. Top of the chain. Typical bully. Up to our rears in

alligators. Weak link in the armoured chain of events. Wishing fertility & power.  
You are what eats you.

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Systematics. Biological profile. Filling a yawning vacancy. Guarding the nest.  
Calling out in distress. Shifting about or staying put. Materia medica [++].  
Summary of proving.

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Systematics. Biological profile. Materia Medica [-].

### *Crocodylus acutus – American crocodile*

Systematics. Biological profile. Worse from cold. Guarding & responding. Materia Medica [-].

### *Crocodylus novaeguineae – New Guinea crocodile*

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#### *Lizards from Head to Tail*

Diversity of lizards. Scales & skin. Shedding & sloughing. Shape & size. Tongue 'n teeth. Tail. Limbs & locomotion. Anoxia. Lizards loved or loathed.

### *Basic Behaviour Patterns*

Behaviour patterns common to both lizards & mammals. Daily routines. Lizard's dilemma – to be or not to be noticed. Showing one's colours. Colour as communication. Eye-catching & jaw-jawing messages. Poseurs & polygamists. Surrendering the behind. No families. Benefits & costs of social rank. Hostility & dear enemies. Cooperation. Cooperation, aggression or deception. Lizards & music.

### *Lizards & Leprosy*

The most loathsome of diseases. Unclean things that cling to the ground. Lizards for treating leprosy. A dose of lizard. Lizards & salmonella. Lizards & Lyme disease.

### *Lizard Saying & Proverbs*

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#### *Anguis fragilis – Slow-worm*

Systematics. Biological profile. Behaviour & temperament. Slugging slugs. Meet the slow-worm. Materia medica [+].

#### *Basiliscus basiliscus – Common basilisk*

Systematics. Biological profile. Crossing the water. Materia Medica [-].

#### *Basiliscus vittatus – Brown basilisk*

Systematics. Biological profile. Stressed into submission. Materia Medica [-].

#### *Chamaeleo chamaeleon – Common chameleon*

Systematics. Biological profile. Slow to flee. Quick to anger. Prone to quarrel. Mating. The outcome of proceeding slowly. Seven distinctive attributes. Blending in vs. standing out. Social chameleons. Chameleons in the making. Materia Medica [-].

#### *Chamaeleo dilepis – Flap-necked chameleon*

Systematics. Biological profile. Bloating allows floating. Aggressive displays. Materia Medica [++].

#### *Chamaeleo zeylanicus – Indian chameleon*

Systematics. Biological profile. Post-mating male avoidance behaviour. Materia Medica [-].

#### *Chlamydosaurus kingii – Frill-necked lizard*

Systematics. Biological profile. Behaviour & temperament. Jolly & comical. Putting on frills. Materia Medica [-].

#### *Elgaria coerulea – Northern alligator lizard*

Systematics. Biological profile. Materia Medica [-].

*Elgaria kingii* – Madrean alligator lizard

Systematics. Biological profile. Materia Medica [-].

*Furcifer oustaleti* – Giant Madagascar chameleon

Systematics. Biological profile. Thoroughly solitary. Materia Medica [+].

*Heloderma* – *horridum* & *suspectum*

Biological profile. Monster paradox, like strolling snakes. Economic with energy. Gripped by pain. Chemistry of venom. Dogged persistence.

*Heloderma horridum* – Mexican beaded lizard

Systematics. Biological profile. Venom. Scuffling for love. Materia Medica [+].  
Envenomation by the Mexican beaded lizard: A case report.

*Heloderma suspectum* – Gila monster

Systematics. Biological profile. Slowly forwards, retreating backwards. Diet. Behaviour & temperament. Pre-menstrual bickering. Persistent determination. Difference with *Heloderma horridum*. Effects of bite. Personal accounts of bites. Diabetes type 2 drug. Materia Medica [+++]. Clinical observations & confirmations. Themes of proving. Case.

*Hemidactylus flaviviridis* – Yellow-bellied gecko

Systematics. Biological profile. Darting forward without a warning shadow. House geckos. Geckos in Indian folklore. Leaving its taint wherever it passes. Materia Medica [-].

*Iguana iguana* – Green iguana

Systematics. Biological profile. Colour alteration. Behaviour & temperament. Amusing, brash, aggressive. Circling to a clash. Dominators & the dominated. Third eye. Guts to grow. The Iguana's fundamental nature. Materia Medica [-].

*Lacerta agilis* – Sand lizard

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+].

*Lacerta muralis* – Common wall lizard

Systematics. Biological profile. Testosterone. Materia Medica [-].

*Lacerta vivipara* – Viviparous lizard

Systematics. Biological profile. Quicksilver quick. Desperate haste. Materia Medica [-].

*Pogona vitticeps* – Central bearded lizard

Systematics. Biological profile. Behaviour & temperament. Bobbing & waving. Materia Medica [-].

*Sceloporus occidentalis* – Western fence lizard

Systematics. Biological profile. Mating & breeding. Lyme disease. Materia Medica [-].

*Varanus komodoensis* – Komodo dragon

Systematics. Biological profile. Family Varanidae. Varanid behaviour. Medicinal & other uses of monitor lizards. Almost alone on an island. Venom rather than bacteria. A full meal. Meeting at the dinner table. Materia Medica [-].

### *Biological Profile*

Solitary, non-social & non-territorial. Sense organs. Thermoregulation through colour. Parental care. Limbless locomotion. Snakes in motion. The silent might of motionlessness. Life persistence. Defensive behaviour. Feigning death. More ballet than battle. Winners take it all, losers take the fall.

### *From False Notion to Devotion*

#### 1. *Snake Legends*

Snakes chase people. Snakes retaliate, take revenge & are unrelenting. Snakes don't tolerate disrespect. Snakes more shrewd & crafty than any other wild animal. Snakes charm, fascinate, hypnotise prey with their unblinking eyes. Mother snakes swallow their young when confronted with danger. Miscellaneous beliefs.

#### 2. *Helpless to Break the Spell*

#### 3. *Fang Club Members Taking On The Serpent*

Taking on the snake nature. Love of desolate places. Outcast; don't tread on me. Stoic & fearless. Unappreciated & misunderstood. Thrill & attention seeking. Rush to breakthroughs. Defiant, argumentative, aggressive. Snakes in the grass, cunning & vindictive. Supernatural compassion & care. The nature of snakes.

#### 4. *Serpent Handling*

Speaking with new tongues. Reptile rapture – dancing with snakes following signs.

#### 5. *Serpent Worship*

### *Snake Slang – Imagery & Metaphors*

Mad as an adder. Mean as a rattler. Quick as a cobra. Slippery as a snake. Speaking with a forked tongue – viper's tongue.

### *Venomous Phenomena*

Snake venoms general.

### *Neurotoxins – Paresis & Paralysis*

Signs & symptoms of neurotoxic snakebites. Sequelae. Sleeping into aggravation. Broken neck. Losing control over everything – locked in, buried alive. Locked in or locked out.

### *Haemotoxins – Cardiovascular Assault & Clotting Crisis*

Signs & symptoms. Stroke.

### *Cytotoxins – Swelling & Tissue Death*

### *Myotoxins – Muscle Pain & Muscle Destruction*

Signs & symptoms. Rhabdomyolysis.

### *Cardiotoxins – Heart & Circulation*

*For Goodness Snakes – Venoms as Medicines*

Polio & other neurological syndromes. MS & ALS. Breast cancer. Vascular disease. Blood pressure. Blood clotting. Diuresis. Topical analgesic in rheumatic & neuralgic pain. Pain management. Straightening out wrinkles. Superior to snake oil: lethal snake delight.

**Snakes in Homeopathy 199**

*Snake Themes according to Farokh Master*

*Snake Themes according to Massimo Mangialavori*

*Snake Themes according to Rajan Sankaran*

*Snake Themes according to Jayesh Shah*

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*Biological Profile*

*Inclusion Body Disease*

**Boidae in Homeopathy 208**

*Antaresia perthensis – Pygmy python*

Systematics. Biological profile. Materia Medica [-].

*Boa constrictor – Boa constrictor*

Systematics. Biological profile. Anecdotal superlatives. Materia Medica [++].  
Guiding symptoms.

*Corallus hortulanus – Amazon tree boa*

Systematics. Biological profile. Materia Medica [-].

*Eunectes murinus – Green anaconda*

Systematics. Biological profile. Breeding balls. Polyandry – many males. Materia Medica [-].

*Eunectes notaeus – Yellow anaconda*

Systematics. Biological profile. Mating & cannibalism. Uses. Anaconda as a pet. Materia Medica [-].

*Morelia spilota variegata – Carpet python*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [-].

*Morelia viridis – Green tree python*

Systematics. Biological profile. Colour changes & camouflage. Materia Medica [-].

*Python molurus – Indian python*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [-].

*Python regius* – *Ball python*

Systematics. Biological profile. Sacred python. The God to whom all things are known. Materia Medica [++]. Interdependence.

*Python reticulatus* – *Reticulated python*

Systematics. Biological profile. Behaviour & temperament. Having a familiar spirit. The Pythoness. Materia Medica [++]. Symptoms from a cured case.

## **Family Colubridae – Colubrids 230**

### *Biological Profile*

### **Colubridae in Homeopathy 231**

*Cyclagras gigas* – *False water cobra*

Systematics. Biological profile. Materia Medica [+].

*Dispholidus typus* – *Boomslang*

Systematics. Biological profile. Behaviour & temperament. Challenging to capture. Materia Medica [+]. Close resemblance to Phosphorus symptoms. Faintness, giddiness & mental torpor in hot weather. Bleeding to death.

*Drymarchon corais* – *Yellowtail cribo*

Systematics. Biological profile. Materia Medica [-].

*Drymarchon couperi* – *Eastern indigo snake*

Systematics. Biological profile. Materia Medica [-].

*Elaphe guttata* – *Corn snake*

Systematics. Biological profile. Behaviour & temperament. Star gazing. Materia Medica [+].

*Elaphe longissima* – *Aesculapian snake*

Systematics. Biological profile. Materia Medica [-].

*Lampropeltis calligaster calligaster* – *Prairie kingsnake*

Systematics. Biological profile. Materia Medica [-].

*Lampropeltis calligaster rhombomaculata* – *Mole kingsnake*

Systematics. Biological profile. Materia Medica [-].

*Lampropeltis getula californiae* – *California kingsnake*

Systematics. Biological profile. Fearless & self-reliant. Bold & courageous. Refusing to budge. Duels to the death. Venting its spleen. Materia Medica [-].

*Lampropeltis triangulum* – *Milk snake*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [-].

*Natrix natrix* – *Grass snake*

Systematics. Biological profile. Materia Medica [+].

*Pantherophis obsoletus* – *Texas ratsnake*

Systematics. Biological profile. Materia Medica [-].

*Thamnophis sirtalis sirtalis* – Eastern garter snake  
Systematics. Biological profile. Materia Medica [-].

*Vipera acustica carinata* = *Chironius carinatus* – Amazonian whipsnake  
Identity uncertain. Systematics. Biological profile. Materia Medica [+].

## **Family Elapidae – Elapids 257**

### *Biological Profile*

*Neurotoxins – Paresis & Paralysis*

*Hypertension & Autonomic Dysfunction*

*Locked-In Syndrome – Inability to Communicate*

*Suspected Brain Death*

*Signs & Symptoms of Neurotoxic Snakebites*

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### *Bungarus caeruleus* – Common krait

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+].  
Abdominal colic, amnesia & autonomic disturbances. Incidence of symptoms & signs on admission in hospital for snakebite. Recovery of functions in severely envenomed patients. Abdominal pain. Neurological symptoms preceded by abdominal pain. Bitten in the night. Hypokalemia & metabolic acidosis.

### *Bungarus candidus* – Blue krait

Systematics. Biological profile. Materia Medica [+]. Neurological & cardiovascular effects. Ptosis, myalgia, dysphagia & muscle Weakness. Hyponatremia. Hyponatremia & the brain. Chronic effects.

### *Bungarus fasciatus* – Banded krait

Systematics. Biological profile. Behaviour & temperament. Materia Medica [++].  
Lack of control. Themes of proving. Guiding symptoms. Clinical manifestations. Bitten in a tree.

### *Bungarus multicinctus* – Many-banded krait

Systematics. Biological profile. Deceptively slow & surprisingly quick. Materia Medica [+]. Ptosis, paralysis & retention. The first symptoms developed after envenomation. Resembling Guillain-Barré Syndrome. Waking at 4 a.m. with tingling & numbness of lower limbs. General overview.

### *Dendroaspis angusticeps* – Eastern green mamba

Systematics. Biological profile. Behaviour & temperament. Polycystic kidney disease. Materia Medica [++]. Remedy overview. Clinical manifestations.

### *Dendroaspis polylepis* – Black mamba

Systematics. Biological profile. Behaviour & temperament. Beauty & menace greatly dreaded. Materia Medica [++]. Clinical manifestations. Sudden death.

Tightness, numbness & twitching. Losing control over everything – black mamba bite. Taken for dead. Falling in & out of consciousness – black mamba bite.

*Dendroaspis viridis* – *Western green mamba*

Systematics. Biological profile. Behaviour & temperament. Stricken by the light. Materia Medica [-].

*Elaps corallinus* – *Brazilian coral snake*

Systematics. Biological profile. Coral snakes. Relationship with rain. Materia Medica [+++]. Clinical manifestations. Case 1. Case 2.

*Hemachatus haemachatus* – *Rinkhals*

Systematics. Biological profile. Intimidating & pretending. Body temperature regulation. Materia Medica [++]. Extremities. Clinical manifestations. Effects of bite – pain on any change of weather.

*Maticora bivirgata* – *Blue Malayan coral snake*

Systematics. Biological profile. Stuck in contraction. Materia Medica [-].

*Micrurus lemniscatus* – *South American coral snake*

Systematics. Biological profile. Food frenzy. Materia Medica [+]. Clinical manifestations of coral snake bite. Pain control.

**Genus *Naja* – True cobras 325**

Neurotoxic non-spitting cobras. Spitting cobras.

*Naja anchietae* – *Anchieta's cobra*

Systematics. Biological profile. Materia Medica [+].

*Naja annulifera* – *Snouted cobra*

Systematics. Biological profile. Materia Medica [+].

*Naja haje* – *Egyptian cobra*

Systematics. Biological profile. Behaviour. Materia Medica [++]. Clinical manifestations.

*Naja kaouthia* – *Monocled cobra*

Systematics. Biological profile. A man respected & feared. Materia Medica [+]. Case report of 3 bites. Case report of 69 bites. Overview effects of bite.

*Naja melanoleuca* – *Forest cobra*

Systematics. Biological profile. An axe to split. Venom & clinical manifestations. Materia Medica [+].

*Naja mossambica* – *Mozambique spitting cobra*

Systematics. Biological profile. Materia Medica [++]. Eyes. Clinical manifestations.

*Naja nigricollis* – *Black-necked spitting cobra*

Systematics. Biological profile. Spitting straight in the eye. Materia Medica [+].

*Naja nivea* – *Cape cobra*

Systematics. Biological profile. A day in the life of the Cape cobra. Materia Medica [+]. Clinical manifestations.

*Naja pallida* – Red spitting cobra

Systematics. Biological profile. Materia Medica [++]. Clinical manifestations.

*Naja tripudians* – Indian cobra

Systematics. Biological profile. The cobra's revenge. Materia Medica [+++]. Wrong snake. Case. Clinical manifestations. Drooping, dragging, dropping dead. Bitten in the nose. Typical course of cobra envenomation. Symptoms & signs.

*Notechis scutatus occidentalis* – Western tiger snake

Systematics. Biological profile. Materia Medica [+]. General overview.

*Notechis scutatus scutatus*– Eastern tiger snake

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+]. Clinical manifestations.

*Ophiophagus hannah* – King cobra

Systematics. Biological profile. No serpent more clever & curious. Materia Medica [++]. Clinical manifestations. King-size effects. Locked-in syndrome.

*Oxyuranus microlepidotus* – Inland taipan

Systematics. Biological profile. Materia Medica [+]. Little one can do – heart stopping twice.

*Oxyuranus scutellatus* – Coastal taipan

Systematics. Biological profile. Lightning fast. Bitten before realizing. Behaviour & temperament. Materia Medica [++]. Central idea of remedy. Clinical manifestations. Nearly always fatal. Survival & recovery. Overview typical signs & symptoms.

*Pseudonaja textilis* – Eastern brown snake

Systematics. Biological profile. Keeping a safe distance. Materia Medica [+]. Restrained reign. Clinical manifestations. A fatal case.

## Family Hydrophiidae – Sea snakes 386

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Living fast. Secretiveness to avoid retaliation.

### *Sea Snake Envenomation*

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### *Overview of Bite Symptoms*

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### *Hydrophis cyanocinctus* – Annulated sea snake

Systematics. Biological profile. Materia Medica [++]. Upper & lower body. Case 1. Case 2. Case 3.

### *Laticauda colubrina* – Banded sea snake

Systematics. Biological profile. Head or tail. Materia Medica [+].

*Pelamis platurus* – Yellow bellied sea snake

Systematics. Biological profile. Stealthy approach & motionless waiting. Knotting behaviour. Materia Medica [+].

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*Biological Profile*

*Venom*

Turning yellow. Yellow & copperhead.

*Clinical Features of North American Pit Viper Envenomation*

*Clinical Features of Bothrops Envenomation*

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*Acrochordon chocoe* = *Lachesis acrochorda* – Chococan bushmaster

*Ancistrodon piscivorus* – Cottonmouth

Systematics. Biological profile. Behaviour & temperament. Social in the wild – wildly unsocial in captivity. Calling the bluff. Venom & clinical manifestations. Materia Medica [++].

*Bothriechis schlegelii* – Eyelash pit viper

Systematics. Biological profile. Courtship behaviour. Materia Medica [+].

*Bothrocophias colombianus* – Toad-headed pit viper

Systematics. Biological profile. Toad-headed pit viper bile as antivenom treatment. Materia Medica [+]. Identity. Clinical manifestations.

*Bothrops alternatus* – Crossed pit viper

Systematics. Biological profile. Materia Medica [+].

*Bothrops asper* – Asper

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+]. Identity. Clinical manifestations. A chill of death. Surviving a viper bite.

*Bothrops atrox* – Common lancehead

Systematics. Biological profile. Materia Medica [++]. Clinical manifestations. Case.

*Bothrops caribbaeus* – St. Lucia pit viper

Systematics. Biological profile. Systemic thrombotic complications. Materia Medica [+]. Four cases of bites.

*Bothrops colombiensis* = *Bothrops atrox*

*Bothrops insularis* – Golden lancehead

Systematics. Biological profile. Snake island. Materia Medica [-].

*Bothrops jararaca* – Jararaca

Systematics. Biological profile. Less inclined to compete. Materia Medica [+]. Clinical manifestations.

*Bothrops jararacussu* – *Jararacussu*

Systematics. Biological profile. Materia Medica [++]. Guiding symptoms. Clinical manifestations.

*Bothrops lanceolatus* – *Fer-de-lance*

Systematics. Biological profile. Always on the alert. Fear the lance. Materia Medica [++]. Clinical manifestations. Case.

*Bothrops neuwiedi urutu* – *Neuwied's lancehead*

Systematics. Biological profile. Materia Medica [+].

*Cenchrus contortrix* – *Copperhead*

Systematics. Biological profile. Behaviour & temperament. Social snake. Mating. Combat dances. Clinical manifestations. A snake coiled up in the stomach. Materia Medica [+++]. Case 1. Case 2.

**Genus *Crotalus* 459**

Biological profile. Frequency of occurrence of symptoms in rattlesnake bite. Account by Mr. J. Breintal of what he felt after being bitten by a rattlesnake. An experiment going horribly wrong.

*Crotalus adamanteus* – *Eastern diamondback rattlesnake*

Systematics. Biological profile. Behaviour & temperament – A most courageous gentleman. Materia Medica [+]. Laming rattlers. Twitching spasmodically. A protracted convalescence.

*Crotalus atrox* – *Western diamondback rattlesnake*

Systematics. Biological profile. Experimental use of rattlesnake venom to treat epilepsy. Materia Medica [+]. Clinical manifestations. Symptoms. Nearly dead.

*Crotalus cascavella* – *South American rattlesnake*

Systematics. Biological profile. Venom & clinical manifestations. Bitten in the finger. An array of complications. Principal constituents of venom & their effects. Effects in children. Materia Medica [+++]. Mure's female patient. Case.

*Crotalus cerastes cerastes* – *Mojave Desert rattlesnake*

Systematics. Biological profile. Avoiding full-body contact. Reproduction. Keeping warm. Materia Medica [+]. Clinical manifestations.

*Crotalus enyo* – *Baja California rattlesnake*

Systematics. Biological profile. Venom & clinical manifestations. Materia Medica [-].

*Crotalus horridus* – *Timber rattlesnake*

Systematics. Biological profile. Behaviour & temperament. Aggregating & assembling. Social life. Living in captivity. Loss of colour vision except for yellow. I should be dead. Replacing the mind on her native throne. Materia Medica [+++]. Dull & stupid.

*Crotalus lepidus* – *Rock rattlesnake*

Systematics. Biological profile. Materia Medica [+]. Clinical manifestations. Searing pain.

- Crotalus mitchellii* – *Speckled rattlesnake*  
Systematics. Biological profile. Materia Medica [+]. Clinical manifestations.
- Crotalus molossus* – *Black-tailed rattlesnake*  
Systematics. Biological profile. Materia Medica [+]. Clinical manifestations.
- Crotalus polystictus* – *Mexican lanceheaded rattlesnake*  
Systematics. Biological profile. Behaviour & temperament. Postpartum cannibalism. Materia Medica [+]. Clinical manifestations.
- Crotalus viridis viridis* – *Prairie rattlesnake*  
Systematics. Biological profile. Social life. Materia Medica [+]. Clinical manifestations. Aphasia & alesia.
- Deinagkistrodon acutus* – *Sharp-nosed pit viper*  
Systematics. Biological profile. Creation myth. Sign of distinction. Food & medicine. Materia Medica [+]. Clinical manifestations.
- Lachesis acrochorda* – *Chocoan bushmaster*  
Systematics. Biological profile. Identity. Confusion of identity. Materia Medica [+]. Clinical manifestations. Lachesis syndrome. Case.
- Lachesis muta* – *Bushmaster*  
Systematics. Biological profile. Heat strike. Maternal protection. Venom & clinical manifestations – one who strikes repeatedly. Bitten. Quickly reduced to a state of exhaustion & helplessness. Materia Medica [+++]. Frightened by a snake.
- Sistrurus catenatus catenatus* – *Eastern massasauga*  
Systematics. Biological profile. Behaviour & temperament. Materia Medica [-].
- Sistrurus miliarius barbouri* – *Dusky pygmy rattlesnake*  
Systematics. Biological profile. Guarding the female. Behaviour & temperament. Materia Medica [-].
- Trimeresurus flavoviridis* – *Habu*  
Systematics. Biological profile. Snake in a bottle. Materia Medica [+]. Clinical manifestations.
- Trimeresurus mucrosquamatus* – *Brown spotted pit viper*  
Systematics. Biological profile. Materia Medica [+]. Clinical manifestations.
- Trimeresurus puniceus* – *Flat-nosed pit viper*  
Systematics. Biological profile. Materia Medica [-].
- Trimeresurus purpureomaculatus* – *Mangrove pit viper*  
Systematics. Biological profile. Materia Medica [-].
- Trimeresurus stejnegeri* – *Green tree viper*  
Systematics. Biological profile. Materia Medica [+]. Clinical manifestations.
- Trimeresurus wagleri* – *Temple pit viper*  
Systematics. Biological profile. Temple. Behaviour & temperament. Captivity. Materia Medica [+]. Clinical manifestations.
- Vipera lachesis fel* = *Bothrocophias colombianus*

## Family Viperidae, subfamily Viperinae – True vipers 544

### *Biological Profile*

### *Venom & Clinical Manifestations*

## Viperidae, subfamily Viperinae in Homeopathy 545

### *Atheris squamigera – African bush viper*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+].  
Clinical manifestations. Bite to left pinky finger.

### *Bitis arietans – Puff adder*

Systematics. Biological profile. Behaviour & temperament. Taming of the puffing shrew. Materia Medica [++]. Split. Synopsis of the South African proving. Clinical manifestations. Case reports.

### *Bitis atropos – Berg adder*

Systematics. Biological profile. Materia Medica [++]. Clinical manifestations.

### *Bitis caudalis – Horned adder*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+].  
Clinical manifestations.

### *Bitis gabonica – Gaboon viper*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [++].  
Clinical manifestations. Blood coagulation. Struggling to breathe & live.

### *Bitis nasicornis – Rhinoceros viper*

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+].  
Clinical manifestations.

### *Cerastes cerastes – Horned viper*

Systematics. Biological profile. Behaviour & temperament. Sliding & winding.  
Vibration detection. Materia Medica [++]. Clinical manifestations. Ischemic stroke.

### *Daboia russelii – Russell's viper*

Systematics. Biological profile. Behaviour & temperament. Medicinal use of the venom. Materia Medica [+]. Clinical manifestations. Bleeding, paralysis, renal dysfunction & abdominal pain. Complications. Overview of effects of bite.

### *Daboia siamensis – Eastern Russell's viper*

Systematics. Biological profile. Materia Medica [+]. Endocrine insufficiency.

### *Echis carinatus – Saw-scaled viper*

Systematics. Biological profile. Behaviour & temperament. Drugs from venom.  
Materia Medica [++]. Clinical manifestations. Acute renal failure.

### *Proatheris superciliaris – Swamp viper*

Systematics. Biological profile. Materia Medica [+]. Clinical manifestations. Renal cortical necrosis.

*Vipera ammodytes meridionalis* – Eastern nose-horned viper

Systematics. Biological profile. Materia Medica [+]. Clinical manifestations.

*Vipera aspis* – Asp viper

Systematics. Biological profile. Materia Medica [++]. Clinical manifestations. Periodicity & sequelae.

*Vipera berus* – Common European viper

Systematics. Biological profile. Behaviour & temperament. Reproduction & dancing. Materia Medica [+++]. Constitutional aspects. Clinical manifestations. Clinical features of adder bite. Overview of effects. Specific symptoms of envenomation. Swelling nearly double natural size. Body very cold & loss of muscular power. Extreme lassitude; hardly able to walk. Burning pain & abdominal tenderness. Extreme pain at epigastrium from least pressure. Unable to move a limb, lacking strength to speak. Sore all over, black & blue. Feeling cold & sick. Constant vomiting of bilious matter. Feeling as if dying. Heart block. Case.

*Vipera daboia* = *Daboia russelii*

*Vipera lebetina* – Blunt-nosed viper

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+]. Clinical manifestations.

*Vipera palaestinae* – Palestine viper

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+]. Clinical manifestations.

*Vipera redi* – Central Italian asp viper

Systematics. Biological profile. Materia Medica [+]. Sleeping into aggravation.

*Vipera xanthina* – Ottoman viper

Systematics. Biological profile. Behaviour & temperament. Materia Medica [+]. Clinical manifestations.

## Turtles & Tortoises 617

### *Biological Profile*

Names. Shell. Feet. Respiration. Eating & fasting. Sexual selection. Courting & caring. Senses. Solitary. Temperature. Distinct sense of time. Turtles with tumours.

### *Power to the Shell*

Venerable upholder of the world. Turtle symbolism & associations. Turtle sayings & proverbs. The wisest of all. Festina lente – make haste slowly. From slowness to stagnation. Unmasked attention for rugged sturdiness. Toughing it out. Two sides to a turtle. Turtles, says Melville. No place like home. Calling the turtle. May my life be like a tortoise.

## Turtles & Tortoises in Homeopathy 632

### *Chelonia mydas* – Green turtle

Systematics. Biological profile. Migration – finding your wave. Exploration – finding your way. Whatever her own fate might be. Green turtle tumours. Materia Medica [+]. Green turtle poisoning.

### *Chelydra serpentina* – Snapping turtle

Systematics. Biological profile. Snake-like snapping & striking. Dual personality. Materia Medica [++].

### *Eretmochelys imbricata* – Hawksbill turtle

Systematics. Biological profile. Making for the open ocean. Truculent turtle. Materia Medica [+]. Hawksbill poisoning.

### *Geochelone sulcata* – African spurred tortoise

Systematics. Biological profile. Behaviour. Burrowing. Nesting. Battering, ramming & bulldozing. Materia Medica [++]. Summary of proving.

### *Lepidochelys olivacea* – Olive Ridley turtle

Systematics. Biological profile. Nesting & crying. Materia Medica [-].

### *Terrapene carolina* – Eastern box turtle

Systematics. Biological profile. Courtship & going belly up. Dog appeal. Homeward bound. Materia Medica [-].

### *Testudo hermanni* – Hermann's tortoise

Systematics. Biological profile. Behaviour. Display behaviour & clamorous copulation. Materia Medica [-].

### *Trachemys scripta elegans* – Red-eared slider

Systematics. Biological profile. Pet trade & turtle farms. Dumped heroes & pond terrorists. Not letting go. Cholos terrapini – turtle bile. Materia Medica [+]. Symptoms – case summary.

## Worm Lizards 663

### *Biological Profile*

### *Head or Tail*

### *Differences with Other Reptiles*

## Worm Lizards in Homeopathy 665

### *Amphisbaena alba* – White worm lizard

Systematics. Biological profile. Materia Medica [-].

### *Amphisbaena vermicularis* – Wagler's worm lizard

Systematics. Biological profile. Materia Medica [++]. Forward or backward.