

XI. *A Continuation of an Account of An Essay towards a Natural History of Carolina, and the Bahama Islands; by Mark Catesby, F. R. S. with some Extracts out of the ninth Set, by Dr. Mortimer, Secr. R. S.*

THE Extracts and Account of the eighth Set are inserted in N^o 441. of these *Philosophical Transactions*, p. 251. & seq. This ninth Set begins with Plate 61, of the second Volume; and as the foregoing treated chiefly of Serpents, this contains the Figures and Descriptions of several Quadrupeds, intermix'd with Plants. The Author begins with the most beautiful flowering Tree of these Parts, and I may venture to say, of the known World; he gives a very magnificent Figure of it in Plate

61. *Magnolia altissima, flore ingenti candido.*
The Laurel-Tree of *Carolina*.

The native Places of these fine fragrant-flower'd Trees are *Florida* and South *Carolina*; but they have been so far naturalized to the Climate of *England*, as for several Years to have flower'd in the Garden of Sir *John Colliton* of *Exmouth* in *Devonshire*, and at *Parson's-Green*, in the Garden of the Rt. Hon. Sir *Charles Wager*.

62. *Putorius Americanus striatus.* The Pol-cat.

These Creatures, when attacked, can from some secret Ducts emit such fetid Effluvioms, that neither Men, or but few Dogs, care to approach them; they

X x 2

have

have not this Scent, but when Fear or Self-preservation prompts them to it. Our Author hath seen them kept tame about a House: The *Indians* reckon their Flesh a great Dainty: Our Author found it well-tasted. They feed on Insects, and wild Fruit.

Pseudo-phalangium ramosum.

63. *Lacertus omnium maximus, Crocodilus dictus.*
The Alligator.

Our Author hath in this Plate given a Figure of a *Crocodile's* Egg, which is not larger than a common *Turkey's*, and of a young *Crocodile* or *Alligator*, just got out of one. It is to be admired, that from so small a Size these Creatures sometimes grow to be 20 or 30 Feet long. These Monsters are not found further North in *America*, than the same Latitude that answers to the Northern Coast of *Africa*. They sometimes, though rarely, attack Men or Cattle, but are great Devourers of Hogs. They are best avoided by turning short from them; for they cannot easily turn, either in running or swimming, the Joints of their Back not being very flexible. The hind Part of their Belly and Tail is often eat by the *Indians*; the Flesh is delicately white, but of so perfum'd a Taste and Smell, as to make it disagreeable to eat.

To this I shall beg leave to add, that these Creatures were known to the Antients in the *Nile*, and are described by the Name of *Crocodilus*, both by the *Greek* and *Latin* Writers; which Word is suppos'd to be compounded of the Words *κρόκον*, *littus*, and *δειλόν*, *timidus*, or an Animal shy of the Shoar.

This Species of Creatures is exactly the same with those in *America*, where the *Spaniards* first gave them the Name of *Allagarto*; which is as much as to say,
The

The Lizard, by way of Pre-eminence, this being the gigantic or largest Species of the *Lizard* Family; the Word being compounded of the *Arabic* Article *Al*, *the*, and *Lagarto*, a Corruption of the *Latin* Word *Lacertus*, a *Lizard*; and from the Words *Al Lagarto*, our *English* Sailors have formed the Word *Alligator*.

Candela Americana, foliis laurinis, flore tetrapetalo luteo, fructu angustiore.

The *Mangrove tree*. These Trees grow in watery muddy Places, even in shallow salt Water: They are propagated not only by their Pods, which falling off take Root in the Mud; but likewise by the Branches; which, if they hang down so as touch the Mud, will take Root, and send up other Stems; so that great Tracts of Land are over-run from one original Tree, which forms an impenetrable Wood, the Retreat of small *Alligators*, *Turtles*, and various Fish of Prey.

It was probably of this Sort of Tree the Forests were compos'd, which *Q. Curtius* mentions *Lib. IX. Cap. I. **

64. *Lacertus Indicus, Senembi & Iguana dictus.* The *Guana*. This sort of *Lizard* is some two, some five Feet long. They are the chief Food of the Inhabitants of the *Bahama* Islands, where they take great Numbers of them, having Dogs train'd up to that

* Hinc Pōro, amneque superato, ad interiora Indiæ processit [Alexander]. Sylvæ erant prope in immensum spatium diffusæ, procerisque & in eximiam altitudinem editis arboribus umbrosæ: plerique rami instar ingentium stipitum flexi in humum, rursus, qua se curverant, erigebantur; adeo ut species esset non rami resurgentis, sed arboris ex sua radice generatæ.

that Purpose ; some they carry alive for Sale to *Carolina*, others they eat fresh, or salt and barrel up for keeping : Their Flesh is easy of Digestion, delicate, and well tasted. It is remarkable, that the Fat in their Bellies imbibes the Colour of the Fruit they last fed on.

Anona maxima, foliis latis, fructu luteo conoide, cortice glabro. The Fruit of this Tree is eatable, and is the Food of *Guanas*, and many other wild Creatures.

65. *Lacertus viridis Carolinensis.* The green *Lizard* of *Carolina*. These Creatures are quite harmless, and suffer'd to go about the Houses: They will from green, by Cold, change to brown.

Liquid-ambari arbor, seu Styraciflua, Aceris folio, fructu tribuloide, i. e. pericarpio orbiculari ex quamplurimis apicibus coagmentato, semen recondente. Pluk. Alm. Bot. p. 224. Phytogr. Tab. 42. f. 6. The *sweet Gum-tree*. The Wood is good Timber for Wainscoating and Joiners Work ; the Bark is used for covering Houses: From the Bark and Wood distils a fragrant Gum, scarce to be distinguish'd from the Balsam of *Tolu*.

66. *Lacertus viridis Jamaicensis.* The *green Jamaica Lizard*. The Pouch under the Throat doth not look red, but when the Creature inflates it through Fear or Anger.

Lignum Campechianum ; Species quædam *Brasil*. Joh. de Laet. Sloane Hist. Jam. Vol. II. p. 183. *Logwood*. Three of these Trees grew in the Island of *Providence*, in three Years, to be (from the Seed) 14 Feet high, and their Trunks seven or eight Inches thick. From this quick Growth of this useful Tree, which

which hath so often been the Cause of Quarrels with the *Spaniards*, it were to be wish'd that the *Englist* in *Jamaica*, and the Southern Colonies, would be induced to propagate these Trees in our own Plantations.

67. *Lacertus* [*striatus*] *cauda cœrulea*. The *blue-tail Lizard*. They are suspected to be venomous.

Anona fructu viridi levi, Pyri inversi forma. The Fruit of this and most other *Anonas* are Food for *Lizards*, and other Animals; there are none North of the Tropic. Some of these Fruits have, from their Taste, been called *Custard-apple*, *Sugar-apple*, and *Sour-sops*.

68. *Lacertus griseus*. The *Lion Lizard*. It hath got its *English* Name from a Fierceness in its Looks, though inoffensive.

Viscum caryophylloides, foliis longis in apice incisis, floris labello albo trifido, petalis luteis longis angustissimis. This Plant is called *Viscum*, merely as being a Parasitical Plant, not that it resembles *Mistletoe*, it being really a bulbous Plant.

69. *Rana terrestris*. The *Land-Frog*.

Sarracena foliis longioribus & angustioribus; Bucanephyllon elatius Virginianum, &c. Pluk. Alm. p. 72. T. 152. f. 3. The Structure of the Leaves of these Plants is very extraordinary, they being tubulous, having a Flap at Top to cover the Opening. From the Shape of the Flower, they are in *Virginia* called the *Side-saddle-flower*.

70. *Rana aquatica*. The *Water-frog*.

Sarracena foliis brevioribus latioribus. *Sarracena Canadensis, foliis cavis & auritis.* Hist. R. H. 657. The Hollow of the Leaves of this and the preceding Sort, always retain some Water, and serve as a Retreat for numerous Insects.

71. *Rana viridis arborea.* The *green Tree Frog*. These *Frogs* are always found sticking to the under Sides of Leaves of Trees, and other Plants; nay, they can fasten themselves to a reclining Glass, by the extraordinary Structure of their Toes, which are made like the Mouth of a *Leech*, whereby they cleave to any thing. [Possibly the same Structure may obtain in the Feet of Flies and other Insects, that can walk on Ceilings with their Back downwards, assisted by some glutinous Matter.] They appear most in the Night, and are incessantly chirping chit chit, chit chit.

Arum Americanum, Betæ folio. The *Scunk-weed*. This Plant will bear the *English* Climate.

72. *Rana maxima Americana aquatica.* The *Bull-Frog*. This hath its *English* Name from its Noise, which seems not unlike the Bellowing of a *Bull* at a Distance. It is the largest known Species of the *Frog* Kind; some being near two Feet from the Nose to the Ends of the Toes of the hind Feet. The *Membrana Tympani* of the Ear lies quite exposed, being even with the Skin of the Head, without any *Meatus auditorius*. They are commonly found in Pairs in clear Springs: They devour young *Ducklings* or *Goslings* whole.

Helleborine. The *Lady's Slipper* of *Pensylvania*. It bears our Climate in *England*.

73. *Sciurus niger.* The *black Squirrel*. Their *Flesh* is reckon'd delicate.

Calceolus Marianus glaber, petalis angustis. Pct. H. S. 5. Raii Hist. Tom. III. App. 243. Vide Pluk. Tab. 418. Fig. 2. The yellow Lady's Slipper. These will flower here in *England*.

74. *Sciurus Virginianus cinereus major.* Raii Syn. Quad. p. 215. The gray Fox Squirrel. These are larger than the *English Squirrel*, and are great Destroyers of Corn and Pulse.

Viscum Caryophylloides, floribus parvis luteis punctatis. This is another parasitical Plant, but of the bulbous Tribe, and like a *Narcissus*.

75. *Sciurus striatus.* The Ground Squirrel. These are bay, beautifully streaked with Black and Yellow.

Cornus, foliis laurinis, fructu majore luteo. The Mastic-tree. The Wood of these Trees is reckon'd good Timber; the Fruit is like a small Plum, and is sweet and luscious.

76. *Sciurus volans.* The flying Squirrel. I shall not say any thing here relating to the Description of this Squirrel; there being an accurate Figure and Description of one of the same Species found in *Poland*, by Mr. Klein, in the *Philosophical Transactions*, N^o 427. p. 30.

Guajacana. These Trees have been naturaliz'd to our Climate. The Fruit dried, resembles in Taste *Raisins of the Sun*; the Stone split, exhibits in the Kernel the Tree in *Embryo*, with its Stem and the two seminal Leaves, in a more conspicuous manner than any other Seed I have met with.

77. In this Plate is represented a flying Squirrel, in the Posture of flying, with the Membranes on each Side extended.

Viscum caryophylloides, Aloes *foliis viridibus acuminatis, floribus racemosis luteis*. This parasitical Plant is a sort of *Aloe*; its Root is tuberous.

78. *Vulpis cinereus Americanus*. The *grey Fox*. These *Foxes* live in hollow Trees, not in Holes under Ground; the Hunters drive them out with Smoak.

Gentiana forte? quæ Periclymeni Virginiani flore coccineo, Planta Marilandica spicata erecta, foliis conjugatis. D. Sherard R. Hist. Tom. III. Dendr. 3. N. 23. A Decoction of this Plant is good against Worms; it will bear our Climate.

79. *Cuniculus Bahamensis*. The *Bahama Coney*. This Creature is rather a *Marmot* than a *Rabbit*; and its Flesh tastes more like *Pig*.

Pittoniæ similis [frutex] Laureolæ foliis, floribus albis, baccis rubris. In the *Bahama Islands* it is called *Strong-back*; a Decoction of the Bark is used there to strengthen the Stomach, and restore the Appetite, as the *Cassena* is used on the Continent. *Cornies*, *Guanas* and *Birds*, are fond of the Berries.

80: *Magnolia, amplissimo flore albo, fructu coccineo*. The *Umbrella-tree*. This much resembles that beautiful Plant the *Carolina Laurel-tree*, Plate 61. but is not so high, and doth not require a particular Description.

Printed for T. WOODWARD, at the *Half-Moon*; between the *Two Temple-Gates* in *Fleetstreet*, and C. DAVIS, the Corner of *Pater-noster-row*, next *Warwick-lane*; PRINTERS to the ROYAL SOCIETY. M.DCC.XXXIX.