

3. DESCRIPTION OF A NEW GENUS OF BOIDÆ FROM OLD CALABAR, AND A LIST OF W. AFRICAN REPTILES. BY DR J. E. GRAY, F.R.S., V.P.Z.S., PRES. ENT. SOC., ETC.

(*Reptilia*, Pl. XIV.)

Mr. Logan kindly sent to me for examination a number of Snakes and other reptiles which had been collected by the missionaries in Old Calabar.

Among several very interesting species I observed a new genus of the family *Boidæ*, which I have great pleasure in laying before the Society, more especially as it appears to be the indication of a new tribe in that curious family.

This animal belongs to the second section of the family, which is thus characterized :—

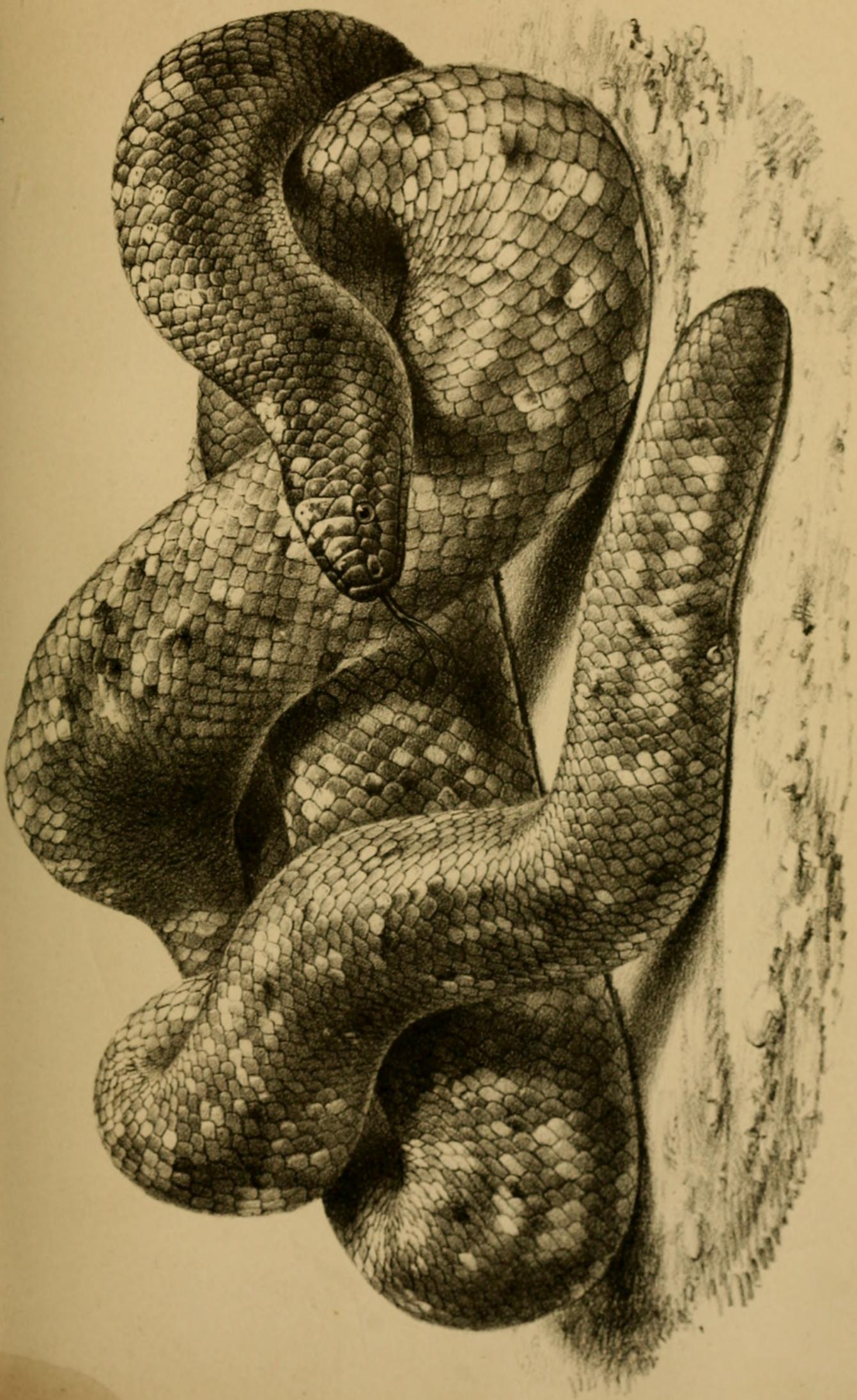
ii. *Tail very short, not, or only very slightly, prehensile. Head indistinct, short.*

It is entirely distinct from the tribes *Cylindrophina*, *Carinina*, and *Tortricina*, and therefore I propose to form for it a tribe (*Calabariina*) by itself, having the same characters as the genus.

#### CALABARIA.

Head small, short, rounded in front, the same size as the body. Muzzle depressed, rounded; labial shields flat,  $\frac{8-8}{9-9}$ ; the hinder small, front moderate; rostral shield high, large, triangular; frontal shields three pairs, band-like, subsimilar, followed by a band-like shield continued from side to side, which has behind it a small subtrigonal shield on each side, with a central large triangular shield between them on the crown. Eyes surrounded by scales on the upper edges of the upper labial shields and the outer edges of the fourth and fifth frontal plates, and with one ocular shield in front and two smaller behind the eyes; loreal shield single, small. Pupil circular. Nostril lateral, between two small nasal shields. Body cylindrical. Scales broad, triangular, polished, rather sunken and subrugose in the centre. Ventral shields very numerous, band-like, transverse, about half as wide as the diameter of the body. Vent small, with a single preanal shield. Spurs large, distinct. Tail short, as thick as the body, blunt and rounded at the end. Subcaudal shields broad, band-like, one-rowed like the ventral shields.

I think it is probable, when some other specimens have been examined, that the band-like shield extending across from the upper edge of each eye will be found to be composed of three shields, like the band behind it, which are here united into one band; and then the head-shields will lie thus:—three pair of band-like frontal, two smaller triangular superciliary shields over each eye, having in the middle between them two triangular parietal shields.





**CALABARIA FUSCA (Pl. XIV.).**

Dark brown, some of the scales yellowish, scattered singly or in groups on the back and sides; ventral shields greyish; sides of the belly with a few unequal yellow spots.

Length 36 inches, diameter 1 inch.

*Hab.* Old Calabar, W. Africa (*W. Logan, Esq.*).

Since this paper was read, I have discovered a young specimen of this Boa among the specimens from the Zoological Society, which they had received from Fernando Po. It is about half the length and diameter of the specimen from Old Calabar. It has the head-shields more uniform, and as I supposed they might be when I described that specimen.

It has three pairs of band-like frontal shields over the forehead, a rather large parietal shield behind them on the crown of the head, and two small subequal supraciliary shields between the outer edge of the parietal and the eye, on each side, a narrow transverse band-like central shield behind, and rather broader than the parietal shield, with a small scale-like shield, like those on the neck, behind and on the sides of it.

Having had occasion to look through many papers by Dr. Edward Hallowell, on the Reptiles of Liberia and Gaboon, in the 'Journal of the Academy of Natural Sciences of Philadelphia,' to find if the above *Boidæ* and other reptiles in Calabar had been described, I have been induced to prepare a list of the Reptiles and Batrachians which have hitherto been recorded as inhabiting Western Africa, giving a reference to where the species have been described, and the special habitat of the species noticed.

**1. Regenia ocellata.**

*Regenia ocellata*, Gray, Cat. 9.

*Uaranus ocellatus*, Rüppell, D. & B.

Senegal.

**2. Monitor Niloticus.**

*Monitor Niloticus*, Gray, Cat. 11.

*Uaranus Niloticus*, Dum. & Bibr.

Gaboon (*Hallow.*) ; Ashantee (*Bowdich*).

**3. Lacerta ocellata.**

*Lacerta ocellata*, Daud. ; Gray, Cat. 30.

Senegal?

**4. Tachydromus Fordii.**

*Tachydromus Fordii*, Hallowell, P. A. N. S. Philad. 1857, 48.  
W. Africa ; Gaboon.

"The African species differs in no respect from the Asiatic, except in the presence of the small plate imbedded between the outer nasal and the frontal and the two front nasals."—*Hallowell*.

**5. Gerrhosaurus nigrolineatus.**

*Gerrhosaurus nigrolineatus*, Hallowell, P. A. N. S. Phil. 1857, 49.  
W. Africa ; Gaboon.

**6. Mocoa Africana.**

*Mocoa Africana*, Gray, Cat. 83.  
W. Africa. B.M.

**7. Euprepis Perrotetii.**

*Euprepis Perrotetii*, D. & B. v. 669 ; Gray, Cat. 111.  
Senegal.

**8. Euprepis Raddoni.**

*Euprepis Raddoni*, Gray, Cat. 112.  
W. Africa.

**9. Euprepis Stangeri.**

*Euprepis Stangeri*, Gray, Cat. 112.  
W. Africa, Niger Expedition (*Dr. Stanger*).

**10. Euprepis quinquetæniatus.**

*Euprepis quinquetæniatus*, Wagler ; Gray, Cat. 113.  
W. Africa ; Senegal.

**11. Euprepis albilabris.**

*Euprepis albilabris*, Hallowell, P. A. N. S. Philad. 1857, 51.  
Gaboon.

**12. Euprepis Harlani.**

*Euprepis Harlani*, Hallowell, P. A. N. S. Philad. 1854, 100.  
*Plestiodon Harlani*, Hallowell, l. c. 170.  
Liberia.

**13. Euprepis striata.**

*Euprepis striata*, Hallowell, P. A. N. S. Philad. 1854, 98.  
Liberia.

**14. Euprepis Blandingii.**

*Euprepis Blandingii*, Hallowell, P. A. N. S. Phil. ii. 58 ; 1857, 50.  
Liberia ; S. Africa ?

**15. Euprepis frenatus.**

*Euprepis frenatus*, Hallowell, P. A. N. S. Philad. 1857, 50.  
Liberia.

**16. Sphenorhina elegans.**

*Sphenorhina elegans*, Hallowell, P. A. N. S. Philad. 1857, 52.  
*Acontias elegans*, Hallowell, l. c. 1852, 65.  
W. Coast of Africa ; Gaboon.

**17. Feylenia Currori.**

*Feylenia Currori*, Gray, Cat. 129.  
Angola (*J. Curror, Esq.*).

**18. Onychophis Liberiensis.**

*Onychocephalus Liberiensis*, Hallowell, P. A. N. S. Philad. 1854.  
Liberia ; Calabar.

**19. Onychophis nigrolineatus.**

*Onychocephalus nigrolineatus*, Hallow. P. A. N. S. Philad. 1854.  
Liberia ; Calabar.

**20. Onychophis punctata.**

*Onychophis punctata*, Gray, Cat. 133.  
*Acontias punctatus*, Leach ; Bowdich, Ashantee.  
Fantee (Bowdich).

**21. Leiurus ornatus.**

*Leiurus ornatus*, Gray, Cat. 157.  
W. Africa.

**22. Hemidactylus angulatus.**

*Hemidactylus angulatus*, Hallowell, Proc. Acad. N. S. Phil. 1852,  
63, fig. lips ; 1857, 48.  
W. Coast of Africa ; Gaboon.

**23. Hemidactylus formosus.**

*Hemidactylus formosus*, Hallowell, P. A. N. S. Phil. 1856, 148.  
W. Coast of Africa ; Liberia.

**24. Pachydactylus tristis.**

*Pachydactylus tristis*, Hallowell, P. A. N. S. Philad. 1854, 98.  
W. Africa.

**25. Agama colonorum.**

*Agama colonorum*, Daud. ; Gray, Cat. 256.  
Liberia.

**26. Agama occipitalis.**

*Agama occipitalis*, Gray, Phil. Mag. 1827, 214 ; Cat. 256.  
W. Africa (Gray).

**27. Chamæleo cristatus.**

*Chamæleo cristatus*, Stutch. ; Gray, Cat. 262.  
Fernando Po.

**28. Chamæleo vulgaris.**

*Chamæleo vulgaris*, Daud. ; Gray, Cat. 265.  
Central Africa (Denham).

**29. Chamæleo Senegalensis.**

*Chamæleo Senegalensis*, Daud. ; Gray, Cat. 266.  
Senegal.

**30. Chamæleo dilepis.**

*Chamæleo dilepis*, Leach ; Bowdich, Ashantee, 493 ; Gray, Cat.  
266.

*C. planiceps*, Merrem.  
Senegal ; Gaboon ; Ashantee ; Fantee.

**31. Chamæleo gracilis.***Chamæleo gracilis*, Hallowell, Journ. A. N. S. Philad. viii. t. 18.*C. dilepis*, ♀?

Liberia ; Gaboon.

**32. Chamæleo granulosus.***Chamæleo granulosus*, Hallowell, Proc. A. N. S. Phil. 1856, 147.

W. Africa.

**33. Chamæleo Burchellii.***Chamæleo Burchellii*, Hallowell, P. A. N. S. Philad. 1856, 147.

Fernando Po.

**34. Chamæleo Owenii.***Chamæleo Owenii*, Gray, Zool. Misc. 7. t. 4 ; Cat. 269.*Ch. tricornis*, Gray ; Griffith, A. K.*Ch. Bibronii*, Martin, P. Z. S. 1828, 65.

Fernando Po.

**35. Leptophis smaragdina.***Leptophis smaragdina*, Boie ; Hallow. P. A. N. S. Philad. 1854, 100 ; 1857, 52.*Dendrophis smaragdina*, Schlegel.*Leptophis gracilis*, Hallow. l. c. ii. 60.

Liberia ; Gaboon ; S. Africa.

**36. Chrysopela præornata.***Chrysopela præornata*, Günther, Cat.*Oxyrhopus præornatus*, Dum. & Bibr.*Dendrophis præornatus*, Schleg.

Senegal.

**37. Chlorophis heterodermus.***Chlorophis heterodermus*, Hallow. P. A. N. S. Philad. 1857, 54.

Gaboon.

**38. Boædon quadrivertatus.***Boædon quadrivertatus*, Hallow. P. A. N. S. Philad. 1857, 54.Isle de Los ; Gaboon (*Hallow.*).**39. Boædon quadrivirgatus.***Boædon quadrivirgata*, Hallow. P. A. N. S. Philad. 1857, 56.*Cœlopetis virgata*, Hallow. l. c. 1854, 98.

Liberia ; Gaboon.

**40. Boædon niger.***Boædon nigrum*, Fischer, l. c.

West Africa.

**41. Boædon lineatus.***Boædon lineatus*, Dum. & Bibr. p. 363.

West Africa.

**42. Boædon geometricus.**

*Boodon geometricus*, Günther.  
*Lycodon geometricus*, Schlegel.  
 West Africa.

**43. Boædon unicolor.**

*Lycodon unicolor*, Schleg. p. 112.  
*Boædon unicolor*, Dum. & Bibr. p. 359.  
 Coast of Guinea.

**44. Homonotus audax.**

*Homonotus audax*, Hallow. P. A. N. S. Philad. 1857, 56.  
 Gaboon.

**45. Lycophidion laterale.**

*Lycophidion laterale*, Hallow. P. A. N. S. Philad. 1857, 58.  
 Gaboon.

**46. Oxybelis Kirtlandii.**

*Oxybelis Kirtlandii*, Hallow. P. A. N. S. Philad. 1857, 59.  
*Dryophis Kirtlandi*, Hallow. l. c. 1854, 100.  
*Leptophis Kirtlandi*, Hallow. l. c. ii. 62.  
*Oxybelis Lecomptei*, Dum. & Bibr. Erp. Gen. vii. 821.  
 Liberia ; Gaboon ; S. Africa.

**47. Holuropholis olivaceus.**

*Holuropholis olivaceus*, A. Dum. ; Revue et Mag. 1856, p. 466.  
 West Africa.

**48. Lycophidion Horstockii.**

*Lycodon Horstockii*, Schleg.  
*Lycophidion Horstockii*, Fitz.  
 Angola.

**49. Alopecion fasciatum.**

*Alopecion fasciatum*, Günther.  
 West Africa.

**50. Metoporphina irrorata.**

*Coluber irroratus*, Leach.  
*Hypsirhina maura*, Gray.  
*Metoporphina irrorata*, Günther.  
 Ashantee.

**51. Toxicodryas Blandingii.**

*Toxicodryas Blandingii*, Hallow. P. A. N. S. Philad. 1857, 60.  
*Dipsas Blandingii*, Hallow. l. c. ii. 170 ; 1854, 100.  
 Liberia and Gaboon ; S. Africa.

**52. Dendraspis Jamesonii.***Elaps Jamesonii*, Traill.*Dinophis Hammondii*, Hallowell, Journ. A. N. S. Philad. ii. 301. 229; 1852, 202; 1854, 100.*Leptophis viridis*, Hallowell, l. c. 1854, 100.

Liberia.

**53. Dendraspis angusticeps.***Naja angusticeps*, A. Smith.*Dinophis angusticeps*, A. Duméril; Hallow. P. A. N. S. Philad. 1857, 72.

Gaboon.

**54. Psammophis Philippssii.***Psammophis Philippssii*, Hallow. P. A. N. S. Philad. 1854, 100; 1857, 69.*Coluber Philippssii*, Hallow. l. c. ii. 169.

Liberia.

**55. Psammophis.***Psammophis*, n. s., Hallow. P. A. N. S. Philad. 1857, 69.

Liberia.

**56. Psammophis crucifer.***Psammophis crucifer*, Boie.*Coluber crucifer*, Merrem, t. 3.W. Africa (*Raddon*).**57. Psammophis sibilans.***Coluber sibilans*, Linn.*Psammophis moniliger*, Boie.**58. Psammophis irregularis.***Psammophis irregularis*, Fischer.**59. Psammophis elegans.***Coluber elegans*, Shaw.*Macrosoma elegans*, Leach.Fantee (*Bowdich*).**60. Cœlopeltis lacertina.***Cœlopeltis lacertina*, Wagler.*Natrix lacertina*, Wagler.*Rhabdodon fuscus*, Heischmann.*Bothriophis distinctus*, Eichw.

W. Africa.

**61. Hapsidophrys lineatus.***Hapsidophrys lineatus*, Fischer.*Dendrophis nigrolineatus*, Schlegel.W. Africa (*Raddon*).

**62. Hapsidophrys cæruleus.***Hapsidophrys cæruleus*, Fischer.**63. Dipsas carinatus.***Dipsas curinatus*, Hallow. P. A. N. S. Philad. ii. 119.*— ? carinatus*, Hallow. l. c. 1857, 69.**64. Heteronotus triangularis.***Heteronotus triangularis*, Hallow. P. A. N. S. Phil. 1857, 68.*Coronella triangularis*, Hallow. l. c. 1854, 100.*Coluber lævis*, Hallow. l. c. ii. 118.

Liberia.

**65. Dasypeltis scabra.***Dasypeltis scabra*, Wagler.*Coluber scaber*, Linn.

West Africa.

**66. Dasypeltis palmarum.***Dasypeltis palmarum*, Günther.*Coluber palmarum*, Leach, Zaire, 408.*D. inornata*, A. Smith.

River Congo, Boma ; Old Calabar.

**67. Ahætulla smaragdina.***Dendrophis smaragdinus*, Boie.*Leptophis smaragdinus*, Dum. & Bib.*L. gracilis*, Hallowell.

Ashantee ; Guinea.

**68. Ahætulla irregularis.***Coluber irregularis*, Leach in Bowdich, Ashantee, p. 494.*Dendrophis Chenonii*, Reinh.*Leptophis Chenonii*, Dum. & Bib.*Dend. albovariata*, A. Smith, t. 63.*Ahætulla irregularis*, Günther, Cat.

Gambia ; Fantee ; Gold Coast.

**69. Leptodeira hippocrepis.***Leptodeira hippocrepis*, Nob.*Dipsas hippocrepis*, Reinh.

Coast of Guinea.

**70. Leptodeira rufescens.***Leptodeira rufescens*, Günther.*Coluber rufescens*, Gmelin.*Heterurus rufescens*, Dum. & Bib.

Ashantee ; Gambia.

**71. Dipsas globiceps.***Dipsas globiceps*, Fischer.

West Africa.

**72. *Dipsas fasciata.****Dipsas fasciata*, Fischer.

West Africa.

**73. *Dipsas valida.****Dipsas valida*, Fischer, l. c.*Dipsas regalis*, Gray, B.M.*Triglyphodon fuscum*, Dum. & Bib.

Fantee and Guinea.

**74. *Dipsas pulverulenta.****Dipsas pulverulenta*, Fischer.

Old Calabar.

**75. *Dipsadoboa unicolor.****Dipsadoboa unicolor*, Günther, Cat.

W. Africa.

**76. *Simocephalus poensis.****Simocephalus poensis*, Gray.*Heterolepis poensis*, A. Smith.*H. bicarinatus*, Schlegel.

W. Africa ; Old Calabar.

**77. *Thrasops flavigularis.****Thrasops flavigularis*, Hallow. P. A. N. S. Philad. 1857, 67.*Dendrophis flavigularis*, Hallow. l. c. 1852, 205 ; 1857, 66.

Liberia ; W. Africa ; Gaboon.

Like *Bucephalus Capensis*, A. Smith.**78. *Bucephalus capensis.****Bucephalus capensis*, A. Smith.*Dispholides Lalandii*, Duvernoy.*Dendrophis colubrina*, Schlegel.

W. Africa.

**79. *Coronella fuliginoides.****Coronella fuliginoides*, Günther, Cat. p. 39.

Old Calabar.

**80. *Grayia silurophaga.****Grayia silurophaga*, Günther, Cat. p. 50.

West Africa.

**81. *Zamenis cliffordii.****Coluber cliffordii*, Schlegel.*Periops parallelus*, Dum. Bibr. p. 678.

West Africa.

**82. *Meizodon regularis.****Meizodon regularis*, Fischer, Abhandl. Hamburg, 1856, p. 112.

West Africa.

**83. Elapomorphus galvensis.**

*Elapomorphus galvensis*, A. Duméril, Rev. Mag. 1858.  
Gaboon.

**84. Lamprophis modestus.**

*Lamprophis modestus*, Dum. Bibr. p. 429.  
Coast of Guinea.

**85. Echis squamigera.**

*Echis squamigera*, Hallow. P. A. N. S. Philad. 1854, 193.  
Guinea ; River Gaboon.

**86. Causus rhombeatus.**

*Causus rhombeatus*, Wagler ; Gray, Cat. B.M. 33 ; Hallowell, P. A. N. S. Philad. 1854, 101.

*Naga rhombeatus*, Schlegel.

*Vipera V. nigrum*, Cuvier.

*Distichurus maculatus*, Hallow. Journ. A. N. S. Philad. 8. t. 19.  
W. Africa, Gold Coast (*Rich.*) ; Liberia ; S. Africa.

**87. Prosymna meleagris.**

*Prosymna meleagris*, Gray, Cat. Snakes B.M. 80.

*Calamaria meleagris*, Reinh. K. Dansk. Sels. x. 1843, 238. t. 1.  
f. 4–6, head.

Guinea (*Reinhardt*).

**88. Naja haje?**

*Naja haje?* var. *Melanoleuca*, Hallow. P. A. N. S. Philad. 1857,  
61.  
Gaboon.

**89. Clotho nasicornis.**

*Clotho nasicornis*, Gray, Snakes B.M. 25.

*Coluber nasicornis*, Shaw, Misc.

*Vipera nasicornis*, Daud. ; Reinhardt.

*Cerastes nasicornis*, Wagner ; Savage, P. A. N. S. Philad. 1848,  
37.

*Echidna nasicornis*, Merrem ; Hallow. P. A. N. S. Philad. 1847,  
320. t. — ; 1857, 62.

*Vipera hexacera*, Dum. & Bib. Erp. Gen. vii. 1416. t. 78. f. 2.

Var. *Echidna Gaboonica*, Dum. & Bib. Erp. Gen. ; Hallow. l. c.  
1857, 72.

Guinea ; Liberia ; Gaboon ; Ashantee ; S. Africa ?

**90. Clotho lateristriga.**

*Clotho lateristriga*, Gray, Zool. Misc. 69 ; Cat. Snakes B.M. 26.  
W. Africa ; Gambia (*Randal*).

**91. Atractaspis corpulentus.**

*Atractaspis corpulentus*, Hallow. P. A. N. S. Philad. 1857, 70.  
*Brachycranion corpulentum*, Hallow. l. c. 1854, 99.

Liberia.

**92. Hortulia Sebæ.**

*Hortulia Sebæ*, Gray, Cat. Snakes B.M. 90.

*Coluber Sebæ*, Gmelin.

*Boa hieroglyphica*, Schneider.

*Python bivittatus*, Smith.

*Python Sebæ*, Dum. & Bib.

Liberia (*Hallowell*) ; Ashantee ; Gambia (*Whitfield*) ; Gold Coast (*Rich.*).

**93. Hortulia regia.**

*Hortulia regia*, Gray, Cat. Snakes B.M. 90.

*Boa regia*, Shaw.

Minor, *Python Bellii*, Gray, Zool. Misc. 44.

W. Africa ; Gambia (*Whitfield*).

**94. Boa Liberiensis.**

*Boa Liberiensis*, Hallowell, P. A. N. S. Philad. 1854, 100 ; 1857, 66.

Liberia.

“*Python Liberiensis*, Hallow. l. c. ii. 249, is a young *Epicrates cenchris* from S. America.”—Hallow. l. c. 1857, 66.

**95. Eryx Reinhardtii.**

*Eryx Reinhardtii*, Schlegel, Bijd. Amst. 1851.

Gold Coast.

**96. Calabaria fusca.**

*Calabaria fusca*, Gray, P. Z. S. 1858, Rept. pl. 14.

Calabar (*Logan*) ; Fernando Po.

**97. Triglyphonon fuscum.**

*Triglyphonon fuscum*, Dum. & Bib. ; Hallow. P. A. N. S. Philad. 1857, 72.

Gaboon.

**98. Cæcilia rostrata.**

*Cæcilia rostrata*, C. ; Hallow. l. c. 1857, 72.

Gaboon.

**99. Rana subsigillata.**

*Rana subsigillata*, A. D. ; Hallow. l. c. 1857, 72.

Gaboon.

**100. Rana Bibronii.**

*Rana Bibronii*, Hallow. l. c. 1857, 72.

Liberia.

**101. Rana galamensis.**

*Rana galamensis*, Dum. Bibr. p. 367.

Senegal.

**102. *Rana superciliaris.***

*Rana superciliaris*, Günther, Catal. B.M.  
Sierra Leone.

**103. *Lymnodytes albilabris.***

*Lymnodytes albilabris*, A. D.  
*Rana albilabris*, Hallowell, l. c. 1856, 153.  
W. Africa; Gaboon (*Hallow.*).

**104. *Cystignathus senegalensis.***

*Cystignathus senegalensis*, Dum. Bibr. Erpét. Génér.  
West Africa.

**105. *Ixalus concolor.***

*Ixalus concolor*, Hallow. l. c. 1857, 72.  
Liberia.

**106. *Hyperolius ocellatus.***

*Hyperolius ocellatus*, Günther, Catal. B.M.  
Fernando Po.

**107. *Hyperolius plicatus.***

*Hyperolius plicatus*, Günther, Catal. B.M.  
Coast of Guinea.

**108. *Hyperolius marmoratus.***

*Hyperolius marmoratus*, Rapp. Erichson's Arch. 1842.  
West Africa.

**109. *Hyperolius viridiflavus.***

*Hyperolius viridiflavus*, Dum. Bibr. Erpét. Génér.  
Senegal.

**110. *Hyla Aubryi.***

*Hyla Aubryi*, A. D.; Hallow. l. c. 1857, 72.  
Gaboon.

**111. *Hyla punctata.***

*Hyla punctata*, Hallowell, P. A. N. S. Philad. 1854, 193; 1857,  
65.  
Guinea; River Gaboon.

**112. *Heteroglossa Africana.***

*Heteroglossa Africana*, Hallow. l. c. 1857, 64.  
Gaboon.

**113. *Bufo maculatus.***

*Bufo maculatus*, Hallow. l. c. 1854, 101.  
*Bufo cinereus*, Hallow. l. c. ii. 169.  
Liberia.

**114. *Bufo tuberosus.***

*Bufo tuberosus*, Günther, Catal. B.M.  
Fernando Po.



Gray, John Edward. 1858. "Description of a new genus of Boidae from Old Calabar and a list of W. African Reptiles." *Proceedings of the Zoological Society of London* 1858, 154–167.

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