Reptiles & Batrachians.
Put Sed in the tray - To be used in Cat.
Typhlops
2279
Jan 19, 1911

No. 1233. Large male

Head above dull greenish, sides pale
bull mandible & throat glossy pale
yellowish. Thinner grayish bronze
with parse yellowish cast about the
round eyes. Above grayish green
with a tinge of brownish especially
on the neck. Central surface glossy
gray. The greenish is more prevalent
in the anterior half.

No. 1234. Large chameleon, the point of this species observed here. Caught in a tree.

No. 1235. Large chameleon had been digested by the maker No. 1233.

No. 1236. Liper, the largest of its kind,
Almost entirely the pretty colors
as its general color is dull grayish brown.

1237-1238-1239-1240-1241-1242

Seven pondfrogs common in
the mangroves also in bracks
and near sections of rivers.
March 23, 1911
No. 1243: small upper like No. 1232
No. 1244 to 1251. Eight lizards from 1244
to 1250 incl. The blue on the tail is in
all specimens equally strong, in 1251
there is only a blue tringle. In older
specimens this color is entirely
replaced by brownish gray.
Common especially near the
village where they can be seen hunting everywhere.
The also run along the walls of
the huts and go into the katchig
often seen near bridges, logs,
and in plantations.

March 25.
Python T. L. 25 4 cm. length
of tail from anus 28 cm.

March 27.
Cobra — a large male, truly
common in these regions
Can raise the anterior third
of his body from the ground
a green head shake.

March 28,
No. 1254 X taken in a papaw tree.
Paradji March 30/1911
No. 1255. Python. Total length 360 cm. Length tail from anus 87 cm.
Skin in formalin shrunk dried.
No. 1256. Monitor.
Total 143 cm. Lengths of tail from anus 87 cm.
No. 1257. Python. Total length 488 cm.
Lengths of tail from anus 42 cm.
The tail is usually about one tenth of the total length.
When shrunk it measured 620 cm.
Length 55 cm in weight.
Skel will only - no skin (eaten by rats). These Pythons are caught
by the natives by means of a
ding trap that is set at the end
of holes. The Pythons have learned
the habit of seeking refuge on
soil burgers (simply to sleep in the excavations
of termite hills). At the
present time the living season
has started and the natives
simply follow the tracks of
February 21/1914
No. 1257.
Pythons. If they find their retreat of them they at once set a nest at the hole. The Pythons are usually caught right behind the nest. This is the largest egg, observed.
Several times I have seen native spear Pythons to met in the brush once I have seen large Pythons speared near a watercourse. They occur everywhere, even in open.

April 5
No. 1258.
Large with black very tracks of land.

R12701
(07-12

April 6
No. 1260.
Long snake evidence of a young one. Above a dull (rusty brown) metallic surface glossy yellowish white, the mandible white with iris gray, pupil very close.

Make, above dark melanin gray, nearly black from a distance.
Friday April 4/1913

No. 1260. underside a glossy pale grayish white. Ventral pale vert. elongate.

No. 1261. large ripe—common in the dryer fields and brush with high grass.

No. 1262. Snake, the large pangs have evidently been torn out by the reptiles, this is the largest one collected. Throughout blackhead.

No. 1263. Blind snake—large right head is a mixture of blackish pale gray which is arranged in parallel running regularly interrupted lines.

No. 1264. Large lizards.

No. 1265. to No. 1271. Seven lizards showing again the gradual discoloration of the tail (See No. 1271)

No. 1265 have bright blue tail whereas No. 1271 has only traces of pale blue in the tip; older specimens lack all entirely.
Sunday April 4/11.

No. 1272 to 1274. Three Cigars, only 1272 shows a orange red line along on the outer sides of the central surface. No. 1273 has the lateral black line strongly marked which is in 1274 entirely lacking.

April 6th

No. 1275.
No. 1276.

No. 1277.
No. 1278.

April 9th

Two small tree frogs, No. 1277 above dark with curious yellowish molten looking spots with black center. Sides ventral amp.

9 tree pale yellowish. The under side of limbs the thigh the toes a white in front of toes bright pink.

No. 1278 above mid. gray with a very slight greenish fringe and many minute dark dot spotted otherwise the same except the pinkish line in front of knee which is missing.
March 7/11
No. 276. Small toothfish, above white with a tinge of yellow, a few small darker irregular markings and two pale green lines running from the tip of head down to sides slightly beyond the middle of body, ventral side pale bluish white tip of toes and underside of limbs and most of the thigh bluish. Iris pale yellowish, pupil slightly hazy, elong.

No. 281. Blindworm
April 9
No. 282. Crocodile - TOT. C. 1925 mm.
L. T. FROM ANAL 910 mm.
Skin & leg bones only, shell in them. Killed on the beach. They are relatively scarce, only single opening are observed and always considered asoitnot remarkable.

No. 283. Crocodile, Small only. From the Fung
No. 1284. Large water turtle, preserved in formalin (photographed).
No. 1285. Land turtle, preserved in formalin.

Sasan. June 15, 1912

Nos. 1286. Large chameleons.
No. 1290. Small chameleons.
No. 1292. Beetle.
No. 1293. Blind worm.
No. 1294. Lizard.
No. 1295. Lizard.
No. 1296. Lizard.

Aba. July 1911.

No. 1297. Small python, caught on a rocky hill.
No. 1298. Viper.
No. 1299. Water snake.
Nos. 1300, 1301, 1302, 1303. Snakes. 1301 = R 11990
Nos. 1304, 1305, 1306, 1307. Small tree frog.
No. 1308. Lizard with black throat and yellow stripe at side of neck. (Watercolor.)

Sasan. Sept. 17, 1912.
No. 1309. Lizard. Crown dusky brownish, with a central patch of dirty yellowish, sides of head also dusky brown, with a spot of yellowish before and behind eye, and a horizontal streak of same color below eye, nape dirty yellow; upper surfaces of fore and hind limbs, as well as
back and sides of body, tannin-like black, with several small irregular patches of orange running down each side of the back; upper side of tail dusky brown; whole ventral surface and underside of limbs dirty yellowish-white with slight metallic lustre; iris dark gray, with fine glistening specks of yellow.

Snake. General color above brown, with three dull-yellow longitudinal stripes, disappearing anteriorly. Iris dark brown, with a fine greenish ring just around pupil, which is circular. Ventral surface whitish in middle, pale green at sides, and some of the lateral scales edged with black, especially toward the neck. (Photographed)

Lizard. Crown and back dark olive, with inconspicuous black spots, Iris grayish-buff, black posteriorly. Rim of eyelids yellow, cheeks brownish-black with a few yellowish-white spots and an irregular creamy line, tinged with red, running from below eye to the ear; just around the ear the tiny scales are orange. Sides of neck and body dark olive above, shading to dirty
Sept 1912.

Orange-red below, and spotted with yellowish white. Throat and belly range in middle, shading to orange-red laterally. Forelimbs dark, olive above, with a few yellowish white spots. Orange-red below; hind limbs olive above, range below. Tail olive above, with black spots, and a few whitish spots basally, beneath whitish finely speckled with dull red.

Paradj. no. 1312. Skull of Pajton.
Paradj. Sept. 18, 1912.
Paradj. no. 1313. Lizard. General color above dark olive with insignificant black spots; low down on the sides it becomes gray with many small blackish dots. Cheeks are blackish, with a creamy line above mouth, a yellow rim on the eyelids, and an orange border about the aperture of the ear. The throat is yellow, the belly grayish-white with a wash of yellow, the under surface of tail grayish-white.

Paradj. no. 1314. A small toad with smooth skin, small, pointed head. Found in morning drying on a small heap of fresh earth where an elephant had been digging in Paradj. a plantation.
Paradj. no. 1315. 3 geckos, a chameleon, and 2 frogs.
Baradzi
Feb. 1912.

no. 1321. a large frog (Photographed)

Yambuluku. Nov. 1911.

no. 1322.

no. 1324. 19 lizards, 3 chameleons, 2 geckos, 3 snakes, 3 tree snakes (07-66) R100-99.

no. 1355. 3 frogs.

no. 1356. 1 snake head (07-98) R120-92.

no. 1367. 10 lizards, 2 geckos.


no. 1368.

no. 1378. 3 lizards, 2 chameleons, 5 blind worms, 1 snake.

These blind worms have been dug by workmen from under a hilltop, about 5 feet below the surface. They are pinkish in color and bear much resemblance to earthworms, especially the smaller specimens.

Barangwa, March 1912.

no. 1379.

no. 1385. 5 lizards, 1 chameleon, 1 snake. R120-81 (07-104)

Vanherkenhovenille. Apr. 1912.

no. 1386.

no. 1388. 1 lizard, 2 chameleons.

Barangwa, May 1912.

no. 1420.

no. 1429. 3 lizards, 1 chameleon, 2 geckos, 2 frogs, and one blind worm.

no. 1430.

no. 1469. 14 lizards, 1 chameleon, 19 geckos, 1 snake, 2 frogs and 3 toads.

no. 1470. a large lizard. Plays dead and often taints its tail as photographed. R100-95.
Saramba

May 1912.

No. 1471 to 1498 3 lizards, 25 frogs and toads.
No. 1499 to 1527 12 lizards, 1 chameleon, 10 geckos, 2 frogs, 4 toads.
Saramba, June 1912.

No. 1528 to 1607 24 lizards, 1 chameleon, 33 geckos, 3 blindworms, 6 snakes, 13 frogs and toads. 1 snake (07-171) 1 (07-94) Rv144 1 (07-134) P13207.

No. 1608. A large rough-scaled, brownish lizard, about 6 inches long, with yellow over the back and yellowish brown above the eyes. (Photograph). From life.

No. 1609 to 1622 A young crocodile, a turtle, 2 blindworms, 2 snakes (07-171) Rv1744-66 6 lizards, 4 snakes.

No. 1622. A large lizard dull gray in color, with small scales. (Photograph). The entire skeleton has been preserved. A new plaster cast marked no. 1623. It was found in the brush about ten inches below the ground in an excavation of a former small termite hill to which a very small entrance hole led. Its smoothed glossy edges indicated at once that some living creature was habitually passing through this hole. With the help of a lance a native knocked down the edges and we were all surprised to see this large lizard. The natives
told me that it was rather scarce and they never saw more than one. They were much afraid of its bite and believed it to be poisonous. The lizard behaved very stupidly never tried to bite or grasp after one's hand but pushed the forelimbs firmly against his breast and tried to liberate itself by scratching with the sharp claws of its hindlimbs. It also tried to free itself by wrenching its body by especially by dealing powerful blows with its tail. If some object was held before its mouth it could easily be carried everywhere in density getting hold of the stick held firmly between its teeth. It would play death in any position and one photograph was taken with one of its forelimbs in its mouth. It would indeed grab just as well any of its limbs or
Carlsbad June 1913
1st June 1823

Tail and a stick when held before his mouth.

Usually it would squat as one of the photographs shows but sometimes after being played death at once would strike him and his body raised in a vertical fashion spread its body raised high from the ground and its hind curved downward if needed to run to safety. Its position reminded one much of the large skeleton of Dinosaur in the Am. Museum.

When enraged it continued to draw air in his lungs increasing thus its volume considerably and then always made a loud hissing sound. It would give off the air slowly if need it when necessary.

When lying on the ground and rapidly approached he would fearlessly attack in returning.
Garamba June 1912.

Towards his ennemy and backing
with its tail he would deal out
serious blow.
The gen. col. was dull darkish gray
above and Whitish below.

No. 1624
Land turtle, juv.

No. 1625 & 1627 long-tailed lizards.

Garamba July 1912.

No. 1629
Red eared lizard, Photograph from
a dead spec.

No. 1629
lizard dark gray blue with about
half strip lines Photograph from
a dead spec.

dog-tailed lizard Photograph from
a dead spec.

No. 1630
Tree frog. Good green with silverly
reflective back light brown and red
darker lines on sides. Abdomen Whitish
silverly. Iris brown with black
eye. Photograph from dead spec.

No. 1631
frog - light tuscons gen. col. above
patches lines of blackish, throat
mostly blackish. Many spec. show
Garambia July 1912
No. 1632. A green Vornal leisure. Photograph pointed.

Paradie Sept. 28, 1912
No. 1635. Photograph proof dead eye.

Garambia July 1912
No. 1634. Snake R12145 (89-94)

No. 1635. Snake.

July 15, 1912. Snake had swallowed a haggfam
head (which toppled away when digestive
apparently uninjured. Caught in
a field.

Aug. 19, 1912. Snake. This bright green. Had above
red-brown. Throat bright yellow
at sides. Gen. col. above & below
buff-brown with pale blue specs
visible between scales.

Paradie Aug. 1912
No. 1638. Dugand

No. 1639. Gecko.

Sept. 21, 1912
No. 1640. Large Vornal. Photograph only from
a dead eye. Skin decomposed became
useless. Tl. 9.10 mm. Length of tail from
anus 5.80 mm. Nipple dull yellow
firmly covered, pupil erect elong.
Caradzi, Sept. 21/1912

No. 1640. Gen. col. med. greenish brown finely dotted with black. The SAH interrupted with blackish markings. 

Clinic between the eyes, and some spots further behind and also in the pattern - light yellow. On the sides, nasokynch with black markings on the edge.

Sept. 28

No. 1641. lizard, Gen. col. above med. brown with five longitudinal dull yellow stripes. The median dorsal stripe disappearing near base of hind limbs.

The other stripes beyond the arms, blueish and at the tip of tail dirty brownish. From behind the eye a distinct band with few yellowish spots behind tympanum of lining brown to hind limbs and disappearing about an inch from the tip of tail.

Two blackish lines parallel to the median yellow line and one above the two upper lateral yellow lines. The midventral edge of mantle.
Friday Sept 28/1912
No. 1641. A side of neck olive-gray. Lower surface whitish excepting of around tip of the tail which is olive-gray with yellow fringe on lower surface of hindlimbs. A narrow yellow line on eyelids. Iris yellowish. The edges of upper mandibles dirty yellowish except the light brown scales at the tip. A series of yellowish specklike markings on the brown upper surface of hindlimbs.

Photograph after death.

No. 1642. lizard male. Head & neck above dark greenish brown with a fringe of reddish brown around the nostrils. The tail is not more than two thirds forked at its lower two thirds. The upper portion of sides brownish green in contrast with bright orange line in middle from in front of pre- to base of hindlimbs. beyond hindlimbs this orange line continues for about 1/3rd as a pale yellowish marking. Sides below the orange line olive-gray.

Phy [illegible]
Paradja Sept 28/1912
No. 642
Upper surface of head and neck brownish red of forelimbs brownish. Mandible of front black (glossy) interrupted by a few pale blue scales as on the edge of upper mandible. The scale at the tip of upper jaw light brownish from corner of mouth nearly to in front of forelimb a pale yellowish line. Behind and above tympanum three black spots interrupted by pale yellowish greenish close markings. A pale blue line on eyelids and few spots of same color at edge of operculum in front or behind eyes. Lower surface up to ears pale bluish beyond anus pale yellowish. Ir. entire underside glossy.

Photograph after death

Same legend as above but evidently a younger male. Gen. col. dark hair grown up to and slightly beyond base of tail. Throat
Sept 28/1912

No. 673

Orange same cl. or side of next.

The lateral orange line is much paler.

Some pale greenish speck, on upper

surface of forelimbs, top of hindlimb

uniform brown. Ventral surface

of tail as above.

No. 1644

V

Same lizards as above. Black orange

scales mixed on throat. Tips yellow

at angle of mouth and behind tym.

Gren very bright. In adosote form

of a lateral orange line but only

a few pale blue scattered scales

on the olive gray sides. A few

pale blue specks on upper surf.

of forelimbs. Tail as in 1641.

No. 1645

V

Lizards, gen. cl. above olive brown

with many irregular black markings.

five black lines showing more

comprisonly the divisions of

scales upon the crown. Upper portion

of sides reddish brown, lower

portion of sides olive gray. Sides

of neck mixed with pale yellow.
Science: Sept 28/1912

No. 1645. scales. A few black scales behind eyes. Posterior portion of the hind. degenerate tail slightly olive brown. Lower half of the body pale yellowish green. Below surface pale yellowish grey. Whitish white, at the anterior part of the tail pinkish with fuscous black spots. Lower half of the hind limbs pale yellowish green. Below olive grey. Only a trace of the orange band on the side from corner of mouth to forelimb. A light yellow stripe. Trout black, mixed with pale bluish scales. 

No. 1647. Yellow as above with bright orange lateral line, bright yellow line on side of neck, dark greyish throat mixed with pale yellowish scales. A few yellow spots on upper side of the olivetown forelimbs. There is a trace of the median yellow dorsal stripe of the female.
F. 29 Nov. 1912

No. 1647. Lizard of gen. col. above black with 2 fine yellow stripes, throat略 yellowish.

No. 1648. Lizard as above, gen. col. above and tail dark olive brown. The five stripes are dirty yellowish, the lateral ones with greenish tinge.

The throat yellow—with some darkish scales below the yellow.

The yellowish spots on hindlimb hardly perceptible, sides of mouth bright yellow. About col. continues across tympan. opening up to forelimb. Lizard as above but gen. col. somewhat light olive brown.

The five longitudinal stripes dirty greenish yellow, throat pale yellow, otherwise like no. 1648.

No. 1649.

No. 1651.

Lizard as 1 but other details before but not lateral orange line. The throat glossy blackish, the ventral surface glossy pale blueish with a number of darker scales of same hue.
February 29, 1912

No. 1650
Sides of mouth alert to air running across tympan. Upper pale bluish with a few darker spots.

No. 1651.
Lizard of a above but with a bright yellow (chrome) lateral line. Back dusty with many pale bluish scales. The edge of mouth pale blue except a yellow scale underneath eye, also a bright yellow line across tympan. Chin at base of forelimbs.

No. 1652.
Small treefrog. Gen. col. brown with an arrow-like pattern on dorsum and continued as three parallel narrow stripes upon back, one above each upper side of tail. All of a pale bluish slightly bronzy col. Ventral surface white. On throat a lower surface of limbs posteriorly connected to dark bronzy. Pupil red, black.

No. 1653. 1654. 1655. 1656. Four geckos have been hidings between a folded rock bluff.

No. 1657.
Handed like No. 1645. Skin as in gecko last. Throat orange yellow.
Sund 10 Oct 1912

No 1655. Lizard & White underside pale glossy yellow, on sides of neck yellowish.

No 1657. Lizard, crown upper side of neck and few lines down back light olive brown.

5 yellow bars, stripes, central surface pale whiteish. Tail with pale blue stripes.

No 1660. Lizard & the five yellow stripes still distinct, the lower lateral one greenish yellow, with orange near base of hindlimbs.

No 1661-1662. Lizards, crown & upper side of neck of few lines down back pale olive brown, like No 1659.

No 1663. Lizard - as described above.

No 1664-1665-1666-1667-1668-1669.

8 lizard all with yellow longitudinal stripes, and with central surfaces of throats glossy whiteish. Only 1669 is above medium brown. 1666 has crown & nape light brown, others darker.

No 1670-1671-1672-1673 four lizards. No 1671-91673 have orange lateral stripe, the
September 1 Oct 1912

No. 1676 to 1676. 
Aural, yellow, pale, fluff, on edge of mouth and some scales of same color on sides of neck. The former with glossy black throat. No. 1672-4. 1670 are greenish blue on sides, no trace of orange stripe.

No. 1674 Oct. 3
No. 1675
No. 1702 Twenty eight lizards all these that in younger specimens have for a bluish tail, females have always 5 longitudinal green or less yellow stripes, males in adult spec. an orange line on side and black throat and reddish brown tail. Very adult females resemble somewhat the males but they never three orange line on the side and the color of the tail is always darker brown.

No. 1703-1709. Lizards with a rather long tail in orange, throat, and yellow.
1708. 1709.

1738. 1739.

1713. 1714.

1792. 1793.

1794. 1795.

1796. 1797.

1798. 1799.

1800. 1801.

1802. 1803.

1804. 1805.

1806. 1807.

1808. 1809.

1810. 1811.

1812. 1813.

1814. 1815.

1816. 1817.

1818. 1819.

1820. 1821.

1822. 1823.

1824. 1825.

1826. 1827.

1828. 1829.

1830. 1831.

1832. 1833.

1834. 1835.

1836. 1837.

1838. 1839.

1840. 1841.

1842. 1843.

1844. 1845.

1846. 1847.

1848. 1849.

1850. 1851.

1852. 1853.

1854. 1855.

1856. 1857.

1858. 1859.

1860. 1861.

1862. 1863.

1864. 1865.

1866. 1867.

1868. 1869.

1870. 1871.

1872. 1873.

1874. 1875.

1876. 1877.

1878. 1879.

1880. 1881.

1882. 1883.

1884. 1885.

1886. 1887.

1888. 1889.

1890. 1891.

1892. 1893.

1894. 1895.

1896. 1897.

1898. 1899.

1900. 1901.

1902. 1903.

1904. 1905.

1906. 1907.

1908. 1909.

1910. 1911.

1912. 1913.

1914. 1915.

1916. 1917.

1918. 1919.

1920. 1921.

1922. 1923.

1924. 1925.

1926. 1927.

1928. 1929.

1930. 1931.

1932. 1933.

1934. 1935.

1936. 1937.

1938. 1939.

1940. 1941.

1942. 1943.

1944. 1945.


1948. 1949.

1950. 1951.

1952. 1953.


1956. 1957.


Paradise Oct 4/1912

No. 1720. 1 Frog. No. 1675 ca.
No. 1721. A frog - medium size - Bellfrog.
No. 1722. A Gecko.
No. 1723. Small chameleon.
No. 1724-1725 two lizards
No. 1726-1727. Two water turtles
Prepared for mounting.

1728-1739. Twelve eggs of the big bullfrog
mostly small.

1740-1748. Nine eggs of a small frog common
in waterholes. Gen. coll. above. from
light gray to dusky of dark brown.
with a number of large dark markings
throat dark gray in a few spots. Whitish
trimmed with gray. Ventral side a saddler.
Whitish cal. Sides marked with
black.

No. 1749. A lizard, tail broken, a chicken had
killed it. Also July 1911.
(The only one in this coll.)

No. 1750. A lizard - common north of paradise
north of Jaramilla R. Sept 1911.
The first one seen. The next egg is any
south of paradise. There are many at Jaramilla.
Para de feb 1911
No. 1751. small vial - a heeling. feb. 1911
No. 1752-1753. large vial - two small frogs. Nov. 1911
No. 1754-1759. two small frogs - common in material.
No. 1760-1762. three small heeling frogs. were obtained
near the hollow tree the fallen trunk
of a Papan Tree. Seedbankston.
No. 1652. Para de feb. 1911.
No. 1763.-1766. four small frogs from a water
kept near mud at Range. Feb. 1912.
No. 1774-1778. nine small heeling frogs. Zermand. April 14, 1912.
Gen. col. above, pale buff to gray. The iris
pale brownish dusky brown variable in the
same individual. The two stripes near
the side are not green to dark gray.
Fido, underside of thigh, on inside
of calf, bright pink first, reddish
surface, white.
Bankerch hovenville April 14, 1912.

No. 1779-1780-1781. - Beetleae, vivi three beetles, two of them one green, the lower one pale green, the upper one bright green, from Pappam's swamps.

Bankerch hovenville April 15, 1912.

The medium bee description No. 1652.

No. 1782-1783. Large vial, two small frogs found in the grass near onamps. gen. not above bright yellow with purplish spots.

Bankerch hovenville April 14, 1912.

No. 1784-1793. Ten small beetles from d. Pappam's swamps gen. not above from dark gray to brown, from pale buff to grayish, always with two yellowish or buff ones golden stripes. From top of nose across eyes to base of hind limbs, central surface white or grayish.

Bankerch hovenville April 14, 1912.

No. 1794-1802. Nine small frogs as above. from same onamps.


No. 1807-1813. Seven small frogs. - April 16, 1912.
Benchreservoirville April 16/1912.
No. 1814-1816. Two small frogs, notice the prolonged digit of the lower frog. The summer a young of a frog common in many streams.
The upper one usually found in wetlands.

Paramela May 3.
No. 1817-1820. Four small tree frogs.
No. 1821-1827. Seven small tree frogs.
Six of them very pale greenish, with yellow line.
No. 1828. A green tree frog, with few dark markings on head and side of limbs.

No. 1829-1835. Seven small frogs. May 3-17/1912.
No. 1836-1841. Red yellow small frog.
No. 1842-1848. Seven yellow frogs, bright yellow.

No. 1849. A gecko - (with a young and a egg which the chapin found on the ground, not sure if this is a young gecko or the egg of a gecko.

June.
No. 1850-1861. Twelve small frogs, several species.

No. 1862. April 1961 a safety valve jar with bent end.

Taken in nearby champagne pools.
Oct 1 to 16, 1912

1862 to 1961, 9 water holes
1962 to 1968, over 60 tadpoles of young spec. of Xenopus
1970 to 2034, eight Xenopus in small safety value jar.

They are common in some wetlands stagnant pools of some small brooks. They look much more like frogs than tadpoles. Water of rice plant greenish gray smooth stone. They jump well on the ground but it looks strange to see their forelimbs held out straight ahead with what would be the footpad pointed inward. The two rounded digits oppose above the other palm-like last digit. Touching the ground. Taken out of the water it lies flat on its belly and kicks its large webbed hindlimbs into the air as if swimming in the water. It is interesting to observe Rem
October 10, 1911

in a box filled with clear water. The
large mussel protruding eyes. The
brown mud with small rounded pebbles
are first of all emerging from
the surface as they are just on top of
the head is perfectly horizontal plane.
Then follow the tips of the head of
one can see how the small oysters
open their shell without practically
any movement it slowly sinks back
into the water with only the eyes above
to look about. Thus it comes about
every minute to the surface to draw
in with only the oysters' eyes emerging
at very cleverly taking advantage
of the aquatic vegetation to
hide itself. The swampers is
done with the well webbed hindlimbs
of which the first three toes are
armed with small but powerful
black claws. The four doomed
digits of the forelimbs that are
food pads are just like on the second
Caradoc Oct 1st 1912

2027 -
2034

Strange body held up front of
the lower surface forming udder.

The head poles have in a certain stage
a very broad head with the eyes
placed laterally 6 with two long
threadlike appendage at the corner
of the mouth; they resemble them
somewhat small catfish.

Nov. 15

2035 to 2048 fourteen; 1930 the beet
name brown greenish yellow
brown with two yellowish lines,
on sides a dirty pale brown-
local band. Ventral surface
white, thin greenish gray.

much smaller. The head poles laterally
placed; if extended they have nearly
4 centimeter ridgeline. The upper
band in the very my color, the white
of may be entirely casting; in
younger specimens the lateral line
is bright yellow.

found in meadows

9 plantations, occasionally also
in red - besides the marshes.
No. 2049-2103 fifty five small frogs tone waterholes or stagnant pools. General medium light or dark brown with many irregular dark markings, bright 9 underneath of limbs jelly like hairs, parent col. ventral surface white. They all have a dorsal line of greatly varying width 9 still more varying col. pale brown - pale reddish brown - yellow - yellowish - bright 9 pale green are the most common; those with the broad dorsal bands (sometimes a much paler line in the middle) the broad band is usually bordered with black line or marking. The females have much spawn.

The site golden the parent horizontal clay.

No. 2104-2143 forty small frogs in the same medium sized safety valve jar, with site name waterholes with the above (2049-2103). The thin looks enough as many of the darker markings on dorsal surface are slightly varied.
2184 gen. col. above from pale gray to darkish also pale brown, with many dark markings of which two spots black spots just on the shoulder are fairly regular. Here is also a white hair colored bai between the eyes. The males have a dark throat. The abdomen whitish with a tinge of green towards base of hindlimbs. The limbs especially hindlimbs diffused lemon yellow. With bands. The toes varies either brown or golden. The underside of hindlimbs translucent.

No. 2146-2145 two frogs. gen. col. above very pale brownish with dark markings on sides of body, body also on limbs, a few markings on the head. Males transverse bands on hindlimbs, ventral surface olivine white, a tinge of yellow.

No. 2147-2148 a pair of tree frogs, like No. 2174.
Oct. 16/1912 parade
No. 2149-2159 eleven young bullfrogs
No. 2161-2162-2163 three tadpoles wth dorsal
Notch in orange red crest.
No. 2164-2165 two blindworms gen. cr.
dark bluegray, with pale gray intestines.

Photograph
Oct. 18
No. 2166 a snake gen. col. above dark blue
gray central part. W. first
No. 2167 a gopher (large)
No. 2168-2169 two small chameleons
Oct. 20
No. 2170-2171 two lizards 1 the queerest with the
five longitudinal, yellow stripes.
No. 2172 sand turtle had two large eggs
with dull white leathery shell. Pan
product; they were brownish brown and
cracked & fell to pieces. They measured
when fresh 29 mm + 40 mm &
29 + 30 mm. There were three
other eggs greatly enlarged.
Photograph from a chamber
tape for mounting.

Oct. 22
No. 2173 snake - poison gen. col. above
med. greenish brown, with black
paradise Oct 22 1912

No. 2173. edged scales & a few black markings in head, dirty orange edge lower edge of mandible & cheeks, a dirty yellow with a tinge of orange on the mandible & throat.
The ventral surface light yellow with two parallel black & interrupted lines on outer edges of ventral surface. Nucleus brown with gradually approaching yellow about towards the round pupil.

Pits after death.

No. 2174. a small Blindworm
No. 2175. a gecko
No. 2176. a large chameleon
No. 2177. a small chameleon
No. 2178. two large red-tailed lizards
No. 2180. - 2181. two blue-tailed lizards.
No. 2182. a small toad
No. 2183. a Xenopus
No. 2184. 2185 - 2186. 3 large jumping frogs.
No. 2187. 2195. a large jumping frog.
No. 2196. 2197. a large jumping frog.
No. 2196. Light brown with three darker longitudinal stripes, a dark brownish band from tip of head corus down to hindlimbs, this band edged by a narrow creamy white border. On border of creamy white on edge of maxillae a line on fore and hindlimbs, a triangle above eyes. Ventral surface creamy white. Lissotrichous.

Photo from life

No. 2197 to 2204 eight small frogs, with dorsal line broad and narrow, yellow to dark brown.

No. 2205 *Hemerosco*.

No. 2206. A small frog - gen. col. above light gray with many dark brown spots. Blotch irregular markings, a band between eyes of two dark spots on the shoulder. Constant in all specimens. Photograph from a dried specimen.

A specimen found chiefly in wild hollows.
February 20, 1914.

Small frog found in evening. Ventral sides light brown dorsal hand. Photograph from chloroform frog skin.

Small head xanthine with irregular ventral yellow with 9 yellow markings.

Narrow angle of mouth & pale yellowish folds, ventral surface pinkish.

This dark brown to nearly black, somewhat small footed. Photograph from life.

It creeps rapidly into soft ground using his feet only for firming getting hold when he pushes the ground upward with his tiny pointed head. The toes of the forelimbs are held much inward when anything is afooting. It was kept in a small box with soft ground.

When the lid was taken off, he would sit down without movement with the cover of ground covering him well, thus he was perfectly invisible. He never would stay on the surface.

Natala occa, see cat No. 17189, 1314.
Nov. 9th. Small keep my smooth skin greenish along greenish with a tinge of gray on sides grayish, ventral surface milky white. Many black markings, one black uninterrupted dorsal line, a gray squared marking in front of eyes running downward. Large brown branch protruding eyes, pupil very elong. Always tried to hide under a leaf, log, stone, etc., does not like to sit in the open. Photograph from life.

No. 2210 same as above, probably the same taken at the same time near a stream.

No. 2211. Crocodile - skull only, had been shot,F3 rough line was only found when entirely decomposed.

No. 2214. Gecko, they often fall down from the eaves pole of our house which is mostly sold above ground. They always land upon
Friday Nov. 1912

4:22 P.M. Perfectly calm off, if not caught apparently unheared, neither is their fragile tail nor least injured though they drag weight upon the brick paving of the floor. Resting had still a small white moth in his mouth for catching at which evidently made them lose their hold. In the garden jar it disgorged a sort of elongated pellet, about 4 mm diameter of wings, ejected of the chitin of bodies of moths.

10-22-12, a bullfrog, general a dark green with a brownish (brownish and dark brown markings especially on the limbs). tympanic shield pintuck from throat puffed white with gray or creamy marking abdomen grayish white. sides pale grayish green, with pale yellowish markings near the ventral appendage. legs greenish brown with some diffused black additions from the horizontality elongate feet.
April 14/1913


n. 2215 Bullfrog of Rock River. n. 2216 Long-legged frog.

n. 2217 Med. Brownish snake with yellow underside. Orange throat had swallowed a five yellow-striped lizard (3).

n. 2218 Snake, mid. brown, yellow under.

n. 2218 Overturned geck. along greenish brown with black stripes. Pale yellowish, black underside. See photograph.
Pagadi Jan 1913.

10.2219 watermole, young had swallowed a small fish (66 mm long 15 mm deep) in the neck measured 490 mm, dark pink gray above with brownish red on the neckbuff yellowish markings central side, dark gray blackish with pale yellowish gray white markings near head.

2220-2221-2222-2223-2224 five Xenopus in Alcohol jar

No. 2225 2226 2227 2228 from Xenopus in formalin

No. 2229-2230-2231 three long legged Frogs in Alcohol

No. 2232-2233-2234-2235 from palmich known tree Frogs in alcohol jar

No. 2236-2237 two beetles in formalin

No. 2238 long legged Frogs in formalin

No. 2239 a tree frog

No. 2240 small Chameleon

No. 2241 Xenopus

No. 2242 small frog

No. 2243 a small bottle containing various tree Frogs mostly small green with faint yellowish striped.
Farcay Jan 1913

No 2247 small brown beetle with four eggs of bread crumb water soluble
Dec 12 84 there were eleven with.

No 2245 Monitor from Serambea no skull
The Monitor in: farcay Jan 9 1915

No 2247 a small chameleon
Bafuka Apr 1913.

No 2248 five lined lizard - the most
No 2249 common in the villages
No 2250 British red fringed cone headed
No 2251 lizard and fauna common.
No 2252 same as 2248 the young with
bluish tail

No 2253 young of the large lizard with orange sides - fairly common here.
No 2254 lizard with orange throat with
male - fairly common

No 2255 a tiny snake - Blunt gray with
yellowish pattern on head & neck

Nangara Apr 1913 March
No 2256 Snake black with coral red
stripes March 24 1915.
Niagara April 1913

No. 2259. Blue-gray snake with pale bluish between scales.

No. 2258. Large chameleon (freshly killed 359 mm long).

No. 2259/2260. Two chameleons of same species.

No. 2262. Lizard, rough-scaled young.

No. 2263. Lizard.


Dark, nearly black, glossy, brownish on head, green of cheeks, its white yellow on front below. Front yellowish, with dark blue bars, fainter down on lower surface blue-gray, that of back, pointed with a spiny-like tip.

Photograph.

No. 2265. Dark blue-gray snake, with black conical tail, pointed with a spiny tip. Total length 595 mm, length of the relatively enormous fangs 5 mm. Photograph.

No. 2266. Small green snake, dark-brown visi, with yellowish ring above 9 behind pupil. Lower side white.
March 24, May 1915
Large male 189 cm long.

No. 2267. Brownish green on top of head, black velvety on upper side mixed with yellowish green. Tip of head on sides by same color. The tail and bluish green on inner surface and vivid yellow on middle third almost yellow; gradually becoming bluish gray towards vent. No photograph.

No. 2268. Viper, 58 cm. Gen. col. above grayish green, head somewhat darker, vent. surf. whitish with gray border.

No. 2269. Same as above.

No. 2270. Viper, gen. col. above gray, pink with dark markings, black arrowhead marking on top of head. 54.5 cm.

No. 2271. Drake slender, green.

No. 2272. Viper, 47.5 cm. Gray-brown (pink) with dark markings. Black arrowhead. Some markings on throat.

No. 2273. Same as above. The brownish markings some of the scales are partly edged with white. See photograph.
Maringa May 1913

No. 2274. Large blindworm Tl. 56 cm.
Gen col. dark brown, with light pale yellowish brown irreglar markings.

No. 2275. Viper - with slightly lengthened head. Gen. col. (dark) dull green, head darker than rest of body, ventral surface greenish white.
Tail with rings of yellow; face white; this brownish finely dusted face; orbital pupil. Tl. 520 mm.
L. of tail 63 mm.

See Photograph.

No. 2276. Ophide, dull black as gen. col.像 dirty yellow on cheeks + throat, this yellowish color gradually disappearing towards the middle of ventral surface and turning over to bluish grey with metallic tinge. This grey? Bronzy, pupil vertical.
Length Tl. 1670 mm. from snout L. of tail 382 mm.

See Photograph in circle.
Niagara May 1913

No. 2277. Dark Horn gray snake same as No. 2265. Very large snake, small vipers. General color dull greenish brown, the markings are dark brown, a light brown stripe of the width of these dark brown markings all along the back ending in the forehead in a dark brown line. Lower jaw white. White yellowish, ventral side a light brown or gray color towards tail yellowish. T. 480 mm. L. of T. Roman area 33 mm. The arrow-shaped pattern is different from No. 2272.

No. 2278. Viper as above, but with regular dark arrow-shaped pattern on head. Gen. col. grayish brown with a tinge of pink. The light brown dorsal stripe meeting the dark horn markings is only faintly visible. There is also some yellow on the throat. T. 485 mm. A very common snake along the roads.
Mangora June 1912

No. 2280. Viper as above, the light brown dorsal stripe well defined. Green heel scaled snake 25 cm. Col. a dull green color alone; pale green on ventral side beneath front 9 behind the eye, yellowish on cheeks and edge of lower jaw. Tip nearly black with exception of light green spot above. Snout nearly round.

Tf. 865. L of tail from anus 335
dark green snake, with glossy crown. Tab. L. 515 15.65.

No. 2282. R. 12307

No. 2283. Other as no. 2280.

No. 2284. R. 12179 (01-11)

No. 2285. R. 11191?

Probably hugging of the common brown snake taken in Ache. A small snake, dark brown gray above
Gen. Col. with 4 heart black longitudinal lines. Ventral side yellowish.
Anterior portion of throat is more side of tail more whitish.

Te 377. Mid. L. from anus 85 mm. No head attachments.
Brugia June 1913

Blind worm as above.

T. 357 mm

L. 357 long slender snake T. 1260 (T. 355.
Gen. col. of dark greenish brown
Scales tipped with black)
Along the back, cream yellow
Orange, ventral side yellowish green, darker towards the tail. This dark brown, near yellowish circle about the pupil, towards the top yellowish. Long slender snake T. 1730.
(T. 405. The gen. col. is a mixture of bright green, dark yellow, the crown brownish green, a velvety dark bluish gray (nearly black). Ventral surface pale green, yellowish. Neck, throat, cheeks, lower jaw, emerald green.

Head all beaten to pieces.

R228y small hectarate, gen. col.
A dull light or dark brown
Niagara June 1913

Both two dark lateral stripes, bright pink on lower half of foot on thighs, tibia & tarsus.
Silver white on throat.
Pale yellowish white on abdomen.
This bronze. See photograph.

No. 2290. Snake, a dull & dark green, emerald on sides of head, throat, ventral side light green. Iris grayish brown (replaced dark, with yellow ring about (round) pupil. TL. 1145 mm, LT. 300 mm.
See photograph (with host of Rubortree). Three or four dark scales forming a patch right behind head on sides.

No. 2291. Small snake TL. 255 CT. 34
Dark gray blue; graysish on ventral sides anteriorly, posteriorly almost gray.

Dark blue gray with pale pink

R. 11993
Biangara June 1913

1. No. 2292
   Interstices between scales.
   Anterior 3/4 shows a distinctly greenish tint, the horn to greenish brown but not glossy.
   See photograph with brush of green, no damage on back.
   2298. 2299
   Free green on sides & dull green along with greenish white spots visible on lower edge of scales, on anterior 1/3, ventral surface: strawberry white.
   The two anterior thirds creamy (yellowish) the tails greenish, especially toward tip. This brown with yellow not ring about pupil.

2. No. 2294 vent. surf. white as in No. 2295, where the greenish white spots on lower anterior edge of scales are also lacking.

3. No. 2296. Viser. shining shell of 7820 mm + 7500 mm in blue with salt & alum.
   The species found on the plains as in contrast to No. 2297 which is found in the forests.

See color next No.
Hangare June 1913

40.2297. V1397. 6.835 LT. 60 mm.

Gen. col. a dull dirty brownish gray; ventral side whitish dotted extensively with fine dark gray, a few large black markings on sides at irregular intervals. Iris yellowish brown with vertically elongated pupil. Skin wrinkled with salt and alum.

40.2296.12 color: a mixture of black dark, medium, 9 light brown 9 pale yellowish. Ventral surface pinkish white with large black spots on edges of irregular internal pupil. Median brownish bronze, finely dusted vert. elong. pupil.

40.2298. 4099. 2 Car. Safety gun with small loads, they threw into the ground after the heavy rains. They come out of their holes 9 am. early caught. Taken in May 9 diverse.
Niagara June 29, 1913

No. 2800. Medium safety water pump
containing small birds
in alcohol

No. 2301. Small green bottle containing
small birds in formalin
macerated and bleached, Tel. 320. 0. 25

No. 2302. One book.

No. 2303. A reed frog

No. 2304. A small viper

No. 2305. A group

No. 2306. A small bottle with various small
grapsus xenopus

No. 2307. Viper, dark dull greenish, with
nearly black glossy crown,
ventral surface whitish

Near throat a tinge of yellow
TL 470 mm, CL 60 mm

Ins anterior vespertilio, similar
pupil, on upper side

May irregular small
white markings, some
places forming
in decapitated transverse
markings.

Photos
Kalá
July 1913
No. 2308 dark brown snake
No. 2309 light gray blue snake
TC. 84.0, CT. 295 mm
Photo
See Photograph
No. 2310 brown slender snake
Head, neck, and head
See Photograph. 140 sides.
Iridescent color. Bluish green tint. Lower lip white, medial surface bluish blue tint.
Tail (emerald green, darker) lowest in head with many irregular transverse interrupted markings. A few scales have black tips. Iris greenish gray finely veined pupil vertically elongate, lower sides a series of yellowish oval markings. Ventral side:
(Treatment yellowish) gradually turning to dark green.
CT. 545, LT. 100 mm. R. 207-1.
July 1923.

202312. Cobra - glossy black above with many irregular horizontal markings. Spoke his neck from the head about 3 inches downward, holding the head partly high above the ground.

TL: 625 mm, LT: 100.

20-2313 & 2314. Dark blue gray snake. R11994

20-2314. Tiny pitviper; pale grayish snake with many irregular, chiefly horizontal markings, ventral side grayish white. TL: 29.5, LT: 4.5 mm.

20-2315-16. Two tree frogs, common near the swamps.

20-2317. Viper with arrowhead pattern on head.

20-2318. Young specimen of above.

20-2319. Cobra glossy black with yellow markings on neck, ventral surface black, grayish white, horizontal lines.
July 1913

No. 2320. A large frog in formalin tank a leg and a tail July 1913 in alcohol for description.

August

No. 2321. Cobra glossy black, brown somewhat interior of eye light brown pupils gradation sides of head glossy black brownish tint forming

Photo. Be transition from the glossy black to glossy white, first some, a few of the hands from the head downward turned yellowish, the others brownish, the rest of other surface blue gray.

Red dark brown with fine golden line around eye iris T. L. 151 cm L. T. 24.8 cm

Behind the black neck there are many brown scales 9 scales mixed with brown over about 1/3 anterior 1/3.

Fairly common
August 1915

No. 2323. Bluegray snake R.1995
No. 2324. a qf. viper
No. 2325. Blindworm
No. 2326. giant Blindworm, dark brownish, fleckled with lighter markings especially on sides, on ventral surface pale pinkish yellowish irregular markings besides the dark brownish color.
Th. 014 cm, diameter in the middle 0.2 mm
No. 2327. a small turtle in formalin.
No. 2328. Horned viper 53 cm long.
Skin 17 mm. Photograph.
No. 2329. Small vipers in formalin, arrow shaped pattern on head.
No. 2330. Small bottle cont. 2 small chameleons, 1 pg lyard, 1 load 3 tree lards.
No. 2331. Snare from a Westerm slope, black, cloth every dark, Playa Linda
Pofo Aug. 1913

No. 2332

Venomat surface with irregular pale pink markings. Dark blue gray.

The snake taken in the hand never continually to bring the pointed terminal scale of the tip of the tail in contact with the upper part of the hand; just as it could sting with it. In any case this movement offers a certain protection as most provided with cactus-like spines. Not snakes of this description in the same manner.

Often the native have assured me that they could sting with a sweep.

TL. 580 mm. T. 40 mm.

Cobra, glossy black, brownish crown, light brown markings in sides of head and throat,
distinctly black bands on lower side of neck, white irregular marking forming cross bands. Central stripe.

TL. 670 mm. T. 112 mm. Dark blue gray.
Potting Aug. 1913

No. 2333 Large chameleon
No. 2334 a zg. (Galeno?) viper
No. 2335 cobra Th. 2185 mm CL 350
Head portion of neck, skin of body, 9tail, all in formal.
No. 2336 small iguana
No. 2337 viper with arrow-shaped black pattern on head.
No. 2338 snake, dark bluish gray, with dorsal band in the middle of the light bluish gray ventral surface pale yellowish white band, chequers grayish white with bars, scales of neck ag blue gray Th. 453 mm CL 100 mm.
No. 2339 Blindworm like no 2326
No. 2340 zg. Blindworm
No. 2341 small viper with black arrowhead pattern on head
No. 2342 snake, ground brown, along the dorsal line a series of dark brown markings drooping towards the tail

Riv. 188
(04-175)
Palo Alto Aug 1915

No. 7342 behind the head the rows
a flat arrow-shaped form with
long lateral embranchements
but towards the middle they
lace the shape of obliquely
posed square, with the
embranchements separate.

On the head is a somewhat
elaborate marking of dark
brown on light brown ground.
To iris pale brown with small
vert. elong. pupil. Lower
jaw whitish with ground
creamy tinge. Eye vertical
surface a greyish white
with purplish on the sides.
Each scale showing a central
diffused dark gray marking
on the outer edges.

TL 57.3 mm. CL 77.

No. 2363 2344 two chameleons

No. 2345 snake, dark grayish blue. Whitish
mottled surface R 11996
Poto August 1915
Chameleon
No. 2347
Riv. 80

Bladder snake can blow
his neck up just behind
the cheek (somewhat like
some male frogs though a
more elongated flatter) (Photo)

TL. 113.5  CT. 416. mm

Head alone light green, supralabial
streak from top of snout back to
lateral line behind eye. The top
preoculars rufous yellow
horizontally along backward a fine
yellowish streak running from the upper
corner of the eye a yellowish streak backward
across the snout edges forward, small
beyond the eye. Gen. col. brownish
med. freckled with greenish. A few
light bluish spots along the
sides. Several (more) dark bands
palest brown scales between two
the white bands between scale
are so conspicuous that the former
color becomes unimportant. The
lower jaw white, yellow, flecked
densly with pale green, brown spots
Potato Aug 1913

No. 2347 alongside the neck the ventral surface is a perfect mixture of chiefly pinkish brownish, greyish brown being preponderant in the latter half especially to tail the part of the anterior 1/3.

No. 2348. A large toad, had a snazzy white trunk with light grey tinged along middle and dark brown mottled. Legs pale pink spat.

No. 2349. Small chameleon, was nearly white, with brown spots.

No. 2350. Snake, slender, upper surface of head a dull bright green color, rest of body as described No. 2347.

No. 2351. Small snake, 6 black bands on partly bright red ground, a pale yellowish head a diffused greenish brown fringe between 9 in front of eyes a light pattern on brown. This light brown, cardiac purple TL. 340 mm CT. 70.
Aug. 1915

Blotched worm small snake, greenish brown, yellowish throat, gen. col. a mixture of greenish, darker (grayish) of toward ventral areas.

Yellowish scales. This dusty green with rounded pupil, sides of head emerald green.

Gen. col. a dull black with few green scales on lower sides.

Ventral surface yellowish white on back becomes pale bluish gradually forest, the posterior third, on the tail the blue still present on the base of tail is replaced entirely by dark gray, was shedding its skin on head 9 times.

2355
2356 9 2357 two keel logs of the Ladder of Photograph.
Akengei. Sept 1913

No. 2358. Monitor. - St. specis.
No. 2359. treefrog. - *Anniara nicholsii.* 2357.
No. 2360. 936.1 two (Small) male.
- Brown with dark markings.
- Photograph of the horned viper (forest).

No. 2362.
No. 2363.
No. 2364.

Pith.
- Photograph of the horned viper (forest).

- Make slender with green head. Same as 2347 Photograph.
- Photograph same as No. 2357.
- A bronze cheek near edge of mouth down to sides also in front of forelimbs. Darker on front washed with very pale yellowish on the belly the pale tints are prevalent. Some grayish on lower side on hindlimbs between the many irregular duskily brown distributed markings.
- A large protruding eye with bright brown iris edged with black ring. 
- Aborigenally.
Amusing Sept 1915

2365 p. 2366 two ordinary Reeds.
2367 Reelad - gray to brown.

2368 mix yellow edge on mouth.
2369 a green streak from tympanum.
2370 down to base of foreítulo.
2371 the green being above bordered
2372 by a brown and yellow line. Reel
2373 (Golden) bronze. Crown dark black
2374 with brown markings. Formal.

2375 small turtle. On test dark black
2376 with brown markings. Formal.

2377 Chameleon large.

2378 Small frog.

2379 A forest - Had - opinions on side.
2380 Gen col. above brown, with brown
2381 of gray to greenish, near forelimb
2382 on sides towards including
2383 hindlimbs a reddish brown is
2384 prevalent. A few velvety black
2385 markings on the back q between
2386 eyes, light silver gray lips,
2387 with its ventral side also black.
2388 Jet black towards anus.

See Photograph.
Akhenge Sept. 1913

No. 2371: 2373 2374: same toads as preceding.

No. 2375: Blindworm.

No. 2376-9 2377: two smaller toads (slightly spring

No. 2378: small snake, pale slate gray

No. 2379: large blindworm, dark gray or brown with very

IR 14113

No. 2380: a small slightly springy toad but

No. 2381: Blind-horned - Shiny 9 shell 7.788

No. 2382: Viper - 4 - Shiny 9 small

No. 2383: A large light 9 dark gray above with a few pale yellowish 9 dark brown

No. 775. 17.40.
Change Sept. 1913

2384 short-horned forest viper (black) velvety brown cheeks

This light gray finely banded
decreased towards the vertically elongate
had wavelike folds around which is a very fine
dark indistinct yellowish line.

Shin 9 skull 118. "Gundea" No. 2388 Colour yellowed, black with greenish
head. Tl. 2570. Lt. 62. R12343 (07.21.15)

No. 2385. Viper, short horned
Tl. 1325 Lt. 15. Shin 9 skull

No. 2386. Viper, as preceding information
Tl. 62 Lt. 35

No. 2387. Cobra. Tl. 2200. Lt. 500

Photo. Had small round three small suckers.
The whole face above dull yellow
In front of brown or green.

Broad yellowish ventral side
A bluish of pinkish.

No. 2389. Snake/porcupine pinkish gray

With darker partly indistinct

Marked bands. Pinkish on ventral

Surface with gray dots, forming

Also two parallel lines.
Akeveje Sept 1913

No 2390. Large Blindworm
No 2391. Small Blindworm
No 2392. forest toad
No 2393. Gecko of forest. apple yellow with gray toe, very dark velvety posterolateral.The gold dorsum changes to black when partly digested by black mumu.
No 2394. snake with parallel red bands multicolored brown head with dark marking.

No 2395. small snake (yid) dull alary gray dark brown head crown of few irregularly placed triangular markings or spots.
Arched white collar. Yellowish line from tip of head to eyes where it fades out to on edge of each.

No 2396. white blisters a few white blisters markings on the sides. Breast white with a few black marking rest of ventral surface floppy grayish near a few lighter bands. the back the transversal white bands.

No 145. Mm 15. 12
Avenese Sept. 1913.

No. 2396. Cobras. Above glossy black with 4 yellowish markings the two upper of which form cinctures transversal bands. This is dark brown that the pupil cannot be seen. Ventral side chrome yellowish on throat of neck turns to brownish yellow with black brown edged scales. Towards the tail, which is black, two bands turn to dark greenish 9 black.

No. 2397. Snake dark gray glossy black with pale yellowish on ventral surface. Head light brown, still the pupil.

No. 2398. Small blindworm

No. 2399. Snake, pins, red stripes of black pale dirty yellowish brown with black markings.

No. 2400. Small snake as above, another one that was destroyed by the natives had swallowed a small mouse.
a large blindworm. Dark brown above, ventral side dirty brownish yellow. (Head: allowed to redden more, etc.)

2401
Large blindworm, dark blue to grey
ventral side somewhat lighter.

Glossy throughout. Tl. 340. Lt. 85mm.

Has a very long tail that is flexible.

Cobra, glossy black with faintly
soft scale. (Very shy) Tl. 2370. Lt. 360.

Shell: Slight reddish.

2405 (left front, legs, etc.)

Very small horns, Tl. 125. Lt. 138.
greatest width in the middle. 122

Plastron of head. Skin pinkish.

2406
Gives same as above, skin damaged.

970. Lt. 70

Shell:

2402
Blindworm, slender, (tal) white
pink, found crawling across
the front road. Its movements
when touched are surprisingly
quick. Which causes most people
probably also animals, to let him
loose at once. It tries also
Cherokee Oct. 1915.

No. 2410. Two wood, the smaller one was
No. 2411. Sitting on the larger one & back
No. 2412. Same road as above.
No. 2413. 2414. 2415. 2416. Same road around
No. 2417. 2418. 2419. 2420. 2421. 2422. 2423
No. 2424. 2425 forest road, opinions on
sides.
No. 2426. 2427. 2428. Three roads, short pointed
trees (as No. 2410 etc).
No. 2429. forest turtle (young) (sitting
No. 2430. Snake, with red stripes (nearly)
No. 2431. 9 2432. Two large Blindworms.
No. 2433. Large Blindworm
No. 2434 & 2435 two opinius forest trees.
No. 2436. Vi7C (Small Horns) Tc. 755, Cl. 55 mm
Skin & smell.
No. 2437. Vi7C (Small Horns) Tc. 1400, Cl. 163 mm
Smell with 125 Skin & smell.
October 1913

No. 2438-9 2439 two large blindworms
No. 2440. viper, small horn To. 77S. Lt. 78.
Snout 9 inch.

No. 2441. Taad, small, opium, darkbrown
with dirty pale yellow. Dorsal line
many irregular markings of the
same color, between eyes a
brownish patch above Whitish ground
white, tail emerald grey, with dark
brown yellowish markings
forming indistinct bands.
This species finely veined.

No. 2442

No. 2443

No. 1968

No. 2444.
Snake, gen. col. above, med. brown, Re
When Oct 1913

No 2444 scales showing small irregular spots of a whitish color, many irregular dark brown irregular transversal bands, some behind the head being darker, many of these bands are reaching only the dorsal line and have then a counterpart either further up or down (on the opposite side). The crown is greenish gray, with white specks, a few dark markings, on the pale green cheeks dark edged scales (posteriorly) The first greenish yellow gradually turns to brownish brown. The transversal bands on the back are edged with white or white. Shredding (on the latter having well) the skin.

No 2445 Small blind worm, flecked with dark blue gray, ventral surface white/thick.

2446 a large blind worm

2447 Snake, slender Th. 1.133. 67. 402 gen. & c. long white green with black
Aiken, Oct. 1913

No. 2447. Markings, pale greenish blue on sides, a pinkish buff on central aide, broad white below cheeks, pale bluish dark gray iris turning below to light yellowish gray, round pupil, with golden ring about.

No. 2448. Species shortened TL. 560. CT. 48.

Shin g. skull.

No. 2449. Large Blinder.

No. 2450. Same snake as No. 2443.

No. 2451. Small snake, with dirty yellowish crown showing a few black glistening markings, the gen. color above black, but all the scales dusted with (brownish) gray forming a strip on each side of scales) some faint lateral markings of same color (brownish) gray, ventral surface dark gray with white blotting.

No. 2452. Large monitor TL. 1470. CT. 935.

Shin g. skull.

No. 2453. Large Cobra TL. 2050. CT. 310. glossy black with yellowish brown.
Aug 12 Oct 1913

2932 markings on cheeks. Deep dark brown.

has taken by children who had followed its tracks on a rainy day. I found a hole (rat hole) there it evidently wanted to sleep. They set a nut on top which it caught. The man put it in a basket lined with green leaves I bought it to me. He opened the basket took the colza out with his hand & throwing it on the ground to dead. Before touching it myself I hit it on its tail with a stick when its head went into the air at least two feet from the ground. The mouse began to fly but as suddenly he started off with a rapidity that none had expected, taking regular leaps, but suddenly

Meigs Oct 19/3

2453 turned 4 with head raised a foot from the ground spread its tail, shaking the motions for at least 1 minute. Then put it with a rattan on the head which brought it down, twisting itself on the ground and shrill.

424.5/c of Snake. Th. 575. C. 53. mm. Gen. col. 0.75. cm. Male. Brown with black spots just edging on each side. The head (crown) darker brown with perlgray (dusted with extensively fine black marks) the edges of the mouth dark blue gray speckled with grayish belly. Very small eyes. Tip reddish brown underphalanges. Black. Coven side dark blue gray with scales posteriorly edged white. Dark. Side dark blue black gray, except dark dorsal line near the tail running into head upwards as a lizard. (The ordinary kind.)
Other note 1913.

2455. a small Blindworm

2456. Snake dark bluish gray, help in: yellow ventral side

R 11998

2457. green viper

2458. Snake dull velvety black above: gillish yellow on sides of ventral surface, dark greenish brown below (dark) Viscous, covered pupil.

2190. C.I. 505. Chi petschki.

2459. Small bottle cont Pego. They show great variation, some having even a yellowish dorsal line, but all at least flecked with black. Light 9 dark brown tints are most common gen.

2460. green viper

2461. Snake dull darkest green above, with darker crown, yellowish cheeks, lower jaw 9 throat. A triangular white stripe interrupted markings from the base of the head. The anterior third many whitish spots.
2461. especially between the scales, teeth sometime, on Marg. Dark, transverse, marking on the body, vertebral surface white, pit grey with a greenish tinge, L. 5½, W. 1½. 37.
No. 2462. Snake, bluish grey, with fine whitish speckles.
R-11969
No. 2463. Large Treefrog.
No. 2464. Calf, bluish red headed lizard.
No. 2465, 2466. Two small forest lizards.
No. 2467. Same snake as 2461, is dull greyish green in color, & the yellow on the later jaw & front much paler.
No. 2468. Snake - like Blindworm.
No. 2469. Snake - gen. col. & dull dark brown on the sides lighter, ventral surface dark bluish grey, & pale yellowish green from the corner of the mouth along the scales, small eyes, round pupil, & reddish brown vis.
No. 2470. Cobra, glossy bluish above.
No. 2471. Red-tailed Snake.
No. 2472. Blindworm.
Nov. 1915

2473. Large Blined worm
2474. Dark blue gray snake  R 11999
2475. Snake (gum) light green head, yellowish back, greenish gray, grayish ventral
      surface.
2476. Same snake as No. 2469  R 11935
      had swallowed a gg nat.
2477. Opiumous green head.
2478. Green viper
2479. 2480. Water snake, that the women
      of the village catch in baskets and fish
      for crabs, shrimp, and eel fish, they are usually
      drowned in these baskets. One of them
      had swallowed a small eel fish.
2481. Gg horned viper
2482. Water snake
2483. Gg monitor
2484. Snake green with black, pale blue gray
      ventral surface.
2485. Snake dark blue gray above with
      yellow ventral surface, green on sides.
2486. Water snake.
March No 1913

No. 2487. Snake, mouldy greenish grey with green head. (07-176)
No. 2488. Cobra, black with transversal bands

No. 2489. Green viper
No. 2490. Snake, dark grey to green, with pale bluish streaklets on edge of scales, green (darkest) head, yellowish on sides, yellow lower jaw, throat. Transition to the pale green ventral surface.

No. 2491. Same snake as No. 2484 but with green and purple ventral surface.

No. 2492 and 2493 = For Xenops.
No. 2494. Viper, greenish greenish green with lighter transversal markings of black pattern.
No. 2495. Large Blindworm
No. 2496. Small Blindworm
No. 2497. Watermonitor - R 11936
No. 2498. Male horned viper
No. 2499. Large watermonitor
No. 2500. Green viper
Mature Nov 1912

No 2501. Watermike - R11937

No 2502. Hypocolored Cobra - damaged

No 2503. Large brown wormlike snake

No 2504. Green vipers small

No 2505. Small brown wormlike snake with bright pink (bright rose) colored ventral surface

No 2506. Tree snake (large)

No 2507. Cobra, black above, green head, yellow ventral surface - (07-240)

No 2508. Watermike, brown above dark blue

No 2509. Gray ventral surface - R11938

No 2509. Small snake dusky green above, ventral surface light yellowish green

No 2510. Horned viper

No 2511. Watermike, glossy brown with transversal, often triangular marking towards ventral surface

No 2512. Watermike es 2508 & R11940

No 2513. Watermike, black but each scale covered with minute M.S. that give it grayish brown color, though the under Nature.
Chicago Apr 26 1913
No. 2578 Head black, the head yellow with cream also finely dotted.
Ventral surface bluish with fine white irregular markings.
No. 2574 Same as preceding but nearly dark or in front only behind the eyes the the creamy yellow is conspicuous. There's also some indefinite transverse pattern.
No. 2515 Slender snake with green head capable of inflation of the body color is a mixture of green gray brown & black. The darker shades are of an arrangement of parallel lines, of a dark brown, black & lighter
May 22, 1913.
No. 2518 - Snake, dull greenish grey arg. col. above. Re crowning neck however somewhat glossy. Disk, a curious, very irregular, heaved pattern of black, creamy yellow and reddish brownish tint. The pattern on the crown consists of greyish yellow markings, the tip of snout and in front of eyes brownish pink tinge. The eye brown with lighter brown edge about the round pupil. The pattern spoken of above gradually disappears towards the tail, the tip of which is uniformly white (brownish) green. The lower jaw is milky white. The scales of the neck edged posteriorly with yellow (yellowish) green. Ventral surface (yellowish) with bright orange back, near edge near tip of tail (ventral surface) brownish. T. 1170.5 w. 563.
Sides slightly lighter than back.
Mon., Nov. 20, 1916
No. 2519. Hooded viper - small.
No. 2520. Water snake, brownish above, dark blue-gray on ventrally.
No. 2521. Water snake, glossy, dusky greenish-brown with yellowish underside.
Forked with blue-gray above, irregular black transversal markings.
No. 2522. Same as above, but much larger.
No. 2523. Green viper.
No. 2524. Slender snake with green head and neck.
No. 2525. The largest forest toad.
No. 2526. Large cobra, green head, dull dark velvety.
R12349 above, yellow ventral surface.
No. 2527. Horned viper. Skin salted + salt.
No. 2528. Small horned large viper. Skin + + +.
No. 2529. Viper small horn.
Skin + salt.
No. 2530. Cobra very glossy (nearly) black, dark blue-gray on sides, broad yellowish orange to yellow on head, round pupil.
Th. 2315 L. 517. Standard + salt.
May 26, 1915

Cobra: TL. 2500. CT. 580 mm. Gen. col. dull velvety black, crown emerald green, cheeks yellow, lower jaw yellow. Green dark brown iris, round pupil. Chromatic yellow breast. Ventral surface the scales edged w/ fine line of black gradually turns bluish gray at the ventral tail (ventral spot).

No. 2534, 2535. Blindworm-like snake.
No. 2536. Snake, small dark with gray dotted scales.
R.12.20.


No. 2538. Watersnake, glossy greenish brown w/ regular transversal bands.
No. 2539. Horned viper.
No. 2540. Watersnake as 2538. Had swallowed two.

No. 2541. Large snake, above dull velvety black. Ventral surface anteriorly bright yellow just. dark blue gray.

R.12.20 (09-148)
Mięciu Nov. 27/1912

No. 2542. large snake, dull velvety black above with green crown. 07-24 r.
R12350
No. 2543. Blind worm

No. 2544. green worm

No. 2545. green coper

No. 2546. slender snake blue gray above greenish on the sides, yellowish on the ventral surface but turning gradually to yellowish green as on the (lower) side of the tail.

No. 2547. slender snake green with black.

No. 2548. snake, dark blue gray with pale yellowish undersides. r 10000

No. 2549. larger forest rod.

No. 2550. snake, light brown above with black spots on either side, blue gray flecked with white on ventral surface.

No. 2551. water snake, keeled scales. R 11944

No. 2552. slender snake dark blue gray with green above, con b述 a reddish brown blackish marbling on crown, brown head with yellowish ringed.

Photo:—

slender snake dark blue gray, with green above, con b述 a reddish brown blackish marbling on crown, brown head with a yellowish ringed the transition to black, ventral; compare an enamelled-like yellow.

an eye, small blackish eyes, sides of head & edges of lower jaw greenish.
Nizam Nov. 29, 1913

No. 2553 Black Cobra with yellowish head

Several transversal bars of same

color on ventral aspect

No. 2554, 2555, 2556 three water snakes

with 14rd scales

No. 2557 same snake as No. 2556. The black

on the crown is more defined

No. 2558 large Blindworm

No. 2559 smaller yellow Blindworm

No. 2560 large grayish water snake with a

black transversal bars

No. 2561-2562 two green snakes with their
green markings transversally arranged.

No. 2563 largest forest black.

No. 2564 large Helvick black snake with

greenish crown

No. 2565 Blindworm greyish

No. 2566 snake with brown head like No. 2562
crown blackish

No. 2567 dark blue gray snake, light spotted

surface pitted with dark gray

No. 2568 pale brownish

No. 2569 pale brownish

R1232 (07-147)
Nayar Dec. 1913

No. 2569. Crown watermarche R 11948
No. 2570. Large blindwormlike snake
No. 2571. Large black cobra with yellowish transversal stripe on lower surface of neck

No. 2572. (small) Blindmarche
No. 2573. Young python
No. 2574. Greenish snake with dark irregular transversal stripe

No. 2575. Dark blue-gray snake dusted finely with white

No. 2576. Dark blue-gray snake R 11942
No. 2577. 2578. Two of the longest Jalplums.
No. 2579. Watermarche, red side eggs, 07.06.65

No. 2580. Blender green snake R 12104 (07.67)
No. 2581. Blender green snake
No. 2582. Watermarche, brownish R 11949
No. 2583. dull greenish viper, with irregular transversal markings.

No. 2584. Greenish snake
No. 2585. Dark blue-gray snake R 12003 reddish brown iris
Index for 1913
No. 2586 largest forest toad
No. 2587 green viper
No. 2588 snake with red parallel stripes
No. 2589 largest forest toad
No. 1590 dull green viper(s) with irregular transverse bands of yellowish
No. 2571 cobra green head - young type
No. 2592 - 2593 two caucanius, red-colored
No. 2594 - 2595 a large & small greenish
of the glossy, dark blue gray
snake dusted with a yellow gray
No. 2596 maltese snake tailed snake, R 11954
No. 2597 x a brownish green snake, dusted
with bluish yellow; a curious pattern
on the crown, lower side a grayish
green dusted finely with bluish yellow
on lower jaw & throat. R 11957
No. 2598 x a Jupiter brown combed snake, finely
dusted with black, a few irregular
black spots on head. Pink on
ventral surface with fine black
markings; those near the edges
Isec Dec. 1913

so arranged as to form to two parallel running indefinite lines. Size protending Yes (99.40.)

Irregular pupil brown 9 gray, round pupil

No. 2599. Monitor & Tl. 1685 mm. LT. from middle of anus 1040 mm.

Stomach cont. a small / matte like No. 2596. Two large snails

(stonecutters only) practically unheal except without their shells. The remains of several crabs without the carapace but the feet were practically all there. Skin (salted) shell 9 legbones a good specimen.

No. 2660. Crocodile (broad nosed) had chiefly swallowed crabs.

Tl. 1145 mm. LT. from middle of anus 545. Most brownish yellow green. Skin with small

in the hide legbones.

No. 2661. Large laterally compressed snake
Niger Feb 1913
No. 2601. T. 1285 mm. L.T. 505. greatest diameter lateral measurements. The middle 230 mm. Skin calld up small scales coming off. 19 shell.
No. 2602. Large cobra, black, dark brown.
No. 2603. Green viper, the rattle was indistinct yellowish hammerhead pattern, the yellow spots on the sides, the yellow color on the broad y lower portion of neck is very characteristic of this species. well shown in this specimen.
No. 2604. Green viper, small eyes, much duller in color throughout.
No. 2605. Blind wormlike snake.
No. 2606. Large forest bird.
No. 2607. Mammal, moccasined R. 11956
No. 2608. Dark blue gray snake, 573 mm, dusky bands scales R. 11977
No. 2609. Slender brownish snake 37/8
No. 2609 O.D. (7/4). Darker head galea. 9 yellowish ventral scales.
No. 2610. Small grayish brown snake dark
May 22, 1913.

2611. Blue grey ventral surface.

Small slender snake. Headdish brown dorsal stripe, on either side of dark brown band edged above photos by a dark gray line, bright pink ventral surface. Crown nearly black, two light brown spots at base of head.

2612. Snake wth 5 circled stripes. Light brown pigtails, nearly round pupil.

2613. Corvus, black with white irregular markings.

Foming interrupted keel-shaped markings, creamy on throat, yellowish bands on neck. Dark blue ventral surface.

2614. Watermark, keeled scales, 43 years.

2615. Blindworm-like snake.

2616. Snake nearly glossy, black but lighter dorsal green. The lighter sides are distinctly greenish. Ventral surface bright yellow including lower jaw one whitish markings on throat, tail throughout blackish. This dark greenish gray, pupil vertically elongate. Crown especially glossy.
Vipers Dec. 1913
No. 2617. Green viper.
No. 2618. Watermamba, glossy with black transversal markings.
R 11921
No. 2619. Horned viper (Ny. g. apercivm)
No. 2620. 5 coral red striped - Drake
No. 2621. Dark greenish snake with yellow ventral surface, glossy crown.
No. 2622. Snake with 5 coral red stripes.
No. 2623. Watersnake, killed snake R 11976
No. 2624. Dark blue gray snake, dinkly with pale gray, in this spec. there is a concentated transversal pattern formed by the pale gray markings.
No. 2625. Puffadder (Long horned viper)
Photo 9 shell. Photo from life.
No. 2626. Short horned viper, showing shell.
T. 1375 mm. CT. 95 mm. Photo from life.

The Puffadder when irritated swells up in a considerable amount of air increasing twice its thickness but especially its
December 1947

Theriania, a species of frog, is known for its ability to produce a high-pitched noise. This noise is produced by the vocal sac, which is a flexible sac located on the underside of the frog's mouth. The frog inflates the sac to increase the volume of its call and makes loud, shrill sounds. When a frog is disturbed or threatened, it often puffs itself up on the ground, expanding its vocal sacs to create a sound that is much louder than its normal voice. This behavior serves as a warning to predators and other animals, alerting them to the frog's presence. Theriania are primarily nocturnal and are commonly found in wetlands and marshes throughout the world. They feed on insects and other small invertebrates, which they catch using their sticky tongues. Theriania play an important role in their ecosystem, helping to control insect populations and maintaining the balance of nature.
Feb. 1913.

No. 2425. I found birds nests of frogs in No. 2627. These frogs, when they are ripe, show that they are able to strike successfully at animals that they either get by moving along or by attacking accidentally, rending them when they are disturbed. I have heard of any case of a native being bitten by them, though some in fact they are reported as any other animals, showing themselves forward with great rapidity, often raising the anterior portion of their body somewhat from the ground. When their fangs are struck forward with a check the poison is often given off as a fine stream.

No. 2627. Broadwayed crocodile. TL. 1240 mm. LT. 550. Had swallowed a number of crabs & a few frogs.

June 1913

No. 2629. Maker's snake; keeled scales, in egg.
No. 2630. Blindworm-like snake.
No. 2631. Green slender snake, had small head. R-12106 (07-67)

Jan. 1914

No. 2632. Green viper
No. 2633. Glossy snake, grayish brown with a few dark markings, light gray markings on crown (which is dark brown). Ventral surface dark blue gray.
No. 2634. Small dull velvety brown snake with a faint light brown marking at base of head, pale grayish punk on sides of head. Ventral surface grayish turning gradually to blue-gray.

No. 2635.
No. 2637. Largest forest toad, photo from life. zunig, the carnicero, it is practically found everywhere as then it attacks to jide travel.
Aug. 25th 1914

At the dryer months it makes a sort of flattened hollow that it seems to need for a long time on the same place. Fregnus usually the moistest places in the forest, though not exactly the brooks or muddy stagnant. But those sides where leaves

grow, moisture is abounded. Stagnation.

At even slight pressure a thin whitish excretion is expelled from its glands at a distance of more than 5 feet. It plays its head when longer annoyed, usually squats flat on the ground with head pressed down as the nose reaches the usually ground. High standing eyelids uncover sunk down of the eyelids are nearly closed. But gradually they are opened again as the motion escapes in leaps of abject long.
April 19th 1974

No. 2638. a Keelbad. grey + brown. 1
No. 2639. Water snake. glory.
No. 2640. Tree bad. gen. col. above greenish brown, with pale yellowish dots,
but there are most beautiful golden transverse stripes. Cut out fairly laid out. Is hardly
to be made out from the greenish brown background, the one across
the eyes and a few across the back reaching over to the thighs are highly
more distinct. The eyes are round, finely rounded, when in the shade the
white of the eye nearly takes half the room
of the head, 9 protruding eyes.
In the light, 6 contrasts of foreheads
all alike, the eyes point downward.
The legs postpedes are pale yellowish brown.
The sides are the beautiful green.
The limbs in general pale greyer than
a pale yellowish brown line across
the arms to hind limbs. Vertical
transverse pale yellowish white with
colour purpleish pattern, yellowish

...
Mar. 22, 1914

202640 Patches on base (above), forelimbs also on back of hindlimb, g, along the outer side of the thigh. Head on side, greenish gray, when taken in the hand it gave a loud shriek, several times repeated. Photo from life on a banana stalk. Was found underneath some dry leaves in a mouth place. The Ugly seaweed lasted nearly two months, now all the heads hide, but in the rainy season they usually in found sitting underneath the leaves in the plantations.

30 2641 came as above, but throughout a pale greenish gray
30 2642 small spring forest head
30 2643 small spring forest head
30 2644 watermarked, ruled inside R-1195
30 2645 small flag, greenish brown with a silvery pale yellowish edge running from along the edges of the mouth down the sides
May 21st 1914.
No. 2646. The largest forest toad.
No. 2647 same as 2645. Eleven much larger specimens; grayer than above with darker irregular markings.
On back, many retractions.
On hindlimbs, many dots on light brown forelimbs. Iris golden, pupil bright, along.
A brown (fairly dark) streak from the nostril, down to the tympanum. It extends on the sides.
The legs are silver streak from mouth to feet. The front is greenish but gradually fades out on the sides, shows only faintly.
Markings. The broad, glistening silver, with a greenish tinge.
The hindlimbs below grayer with pale yellowish markings.
A light brown line on edge of upper eyelid.
Largest forest toad. 146 mm long.
May 24, 1914.

No. 2644 frog-like to 2645.
No. 2650 about horned frog-like. This very pale, I did not have any specimen of the many foes of different colors.
No. 2651. Small beetle, 30 mm long, green above, with pale yellowish white line from top of head over eye to this black, black to a large patch of same color, blackish head on the sides of head, a few dots on lower back. On joints of hind legs, ventral surface jelly-like greenish. Thorax green with a white stripe.

Notes from life:

No. 2652 Snake greenish with black pattern.
No. 2653. frog likely 2645.
No. 2654 frog 2645.
No. 2655 frog with pale yellowish dorsal stripe.
No. 2656. 2657, 2658, 2659, 2660, 2661.
No. 2662. Eleven frogs.
No. 2663, 2664, 2665, 2666, 2667.
May 22 1914

Amphious forest toads
No. 2667 a large tree toad
No. 2668 a smaller tree toad
No. 2669 tree frog, light brown above black cheeks
Tree toad, small, nearly color
with darker markings, black throat, a light ventral surface much marked with dark pattern.
Heterochroious, small spec.

2672. Frog, light brown in sun. wt.
No. 2673, 2674, 2675, 2676, 2677, 2678, 2679
No. 2680. 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, eighteen frogs
found near the brook in the swamps.
In pure water.
No. 2691, 2692 two frogs above.
No. 2693 & 2694 two ice loads
No. 2695. a yq. turtle.
No. 2696 tree frog, light brown w/ darker markings.
No. 2697 tree toad
No. 2698, 2699, 2700, 2701 four small
miners forest toads.
May 14, 1914.

No. 2702. Water snake, green, scale, dirty brownish above, a reddish streak running from below the eyes down the sides and becoming less distinct towards base of tail. Ventral surface glossy black with gray border on pectoral edges. Small eyes, reddish brown irises, constricted pupil.

Tl. 54.7 mm. 101 mm. There are larger eyes in the call.

No. 2703. Large forest toad 152 mm. long.

No. 2704, 2705, 2706, 2707. 2708, 2709. 22 Hymenochirius xeropus.

No. 2710. 2809. Large salamander. P. 2795 = R 11957 (water snake).

No. 2810. No. 2820. 32 Hymenochirius xeropus.

No. 2830, to 2845. Sixteen Hymenochirius xeropus.

No. 2846, to 2860. Fifteen Hymenochirius xeropus.

No. 2861. Watersnake, glossy.

No. 2862. Reptiles.

No. 2863. Small lizards forest toad.
June 2, 1911

No. 2864. Watername. Keel. Scale. R-11958

Black, small blue-gray snake with many irregular blackish-framed reticulate stripes. Dorsal light green; lower side blue-gray with light gray first edges. All scales above dotted.

No. 2865. Watername. Keel. Scale. R-11953

No. 2866. Watername. Keel. Scale. R-11959

No. 2867. Small head, oporous

No. 2868. Larger head, supraps. oporous

No. 2869. Tongue slender snake, greenish-black.

No. 2870. Grayish-green snake, vertical base, all scales above dotted.

Head small, neck a small frog.

Photo. Toast orange, dark greenish gray iris tail. Blue gray below.

No. 2871. Small frog dull milky white with a tinge of pruine or pale pink, many round blackish dots on upper body; forelimbs.

Photo. Pads yellow, lower surface of limbs, jelly greenish, yellowish, frosty, chrome yellow, iris golden. Tail often changes its color from pure white to blue, to pink to yellowish, dark brown, smooth skin.
2872- Largely fairly smooth surface
light brown with dark red (reddish brown)
edged with brown line from tip of head above nostrils down

head towards the base of hindlimbs

where it ends in a few

light green to light brown

A dark

triangular wedge on back.

The head is darker than the sides

of body. Hindlimbs light

brown with wide midventral sausages

bands on legs; brown footbands

is just a trace of these bars.

Ventral surface white, dark granules

punctate on lower surface of limbs, pink with foot areas

on ears. An orange and above ears a pale

yellowish line turning to pinkish on edges. Large goldenbrown

with vertical pupil

2873 Med. sized head; dark brown

above with black patches.

Photo: There are a great many white-
May 2873. Tipped protuberance on the upper surface of body. Tail almost dark flaccid or bared. Tail of base of forelimbs. At front a few golden yellow blotches. At base of hindlimbs a large yellow blotch. The femur banded with yellow, tibia, tibia yellow, tarsus above a few whitish blotches. (like bars) a few grayish white streaks across toes. Throat a smooth black speckled with white ventral surface granulated dark gray speckled with white. A few yellowish markings on lower portion of belly. Large dark brown erosions, parallel vertically, elongate.

2874. Tipped. Aided by hand, smooth skin, med. brown above, gray limb, gray sides, yellow? flanks speckled with white, gray white toff of anterior granulated ventral surface. Feet rough, foot surface blended with gray, brownish spot, golden upper.
edge on finely veined gray awn with purplish red brown border. Surface of hind foot gray white paws forelimbs externally edged with fine yellow line with brown edge.

2875 green viper had swallowed a tiny mouse.

2876 dark grayish green snake along side triangular head high glossy yellow on lower surface also below. Head had enamelled.

2877 at large specimen of the forest lizard (among the six twelve sides) 2877 forest lizard, specimen like the one swallowed by the 2876. (same size)

2878 large frog.

2879 large smooth tree toad.

2880 Blindworm, above black brown central surface medium brown.

2881 Conger tailed lizard, above brown dark side lighter on lower side pale yellow. Foretongue break a deep ridge of same color on the white fleshy ventral
Wednesday March 19 14

Surface: lower side of tail thick and broad.

1872 frog: conglomrated, 8 ridges parallel; lower one golden, gen. cal. above greenish brownish with a number of irregular dots.

Body of head greenish brownish. Iris above pale golden, below dark.

Body of abdomen white marked, pale yellow green abdomen in edge; spots of lower jaw flecked white and gray. Joints about areas.

Crest of head dark brown with two yellowish green irregular lines of a few spots, front of head light gray; green a few irregular bars.

Calf above pale grayish green a few dark spots on rear side below gray with the bone forming a white line. Pink grayish green above with dark irregular markings, a faint pale greenish on posteriorly; yellowish pink anteriorly lower side of hand foot dark brown, others...
Grayish green with few dark markings anteriorly, pinkish posteriorly a few dark markings with a pale yellowish line on the neck a triangular pale greenish spot on tympanum

No. 2883 male of the preceding species has same color but reddish brown line from tip of head down back, dark vocal sacs, is somewhat yellower on abdomen

1884 also has light brown dorsales 9 light vocal sacs.

No. 2885 dark blue gray glossy back, small dark eyes, milky white (enamel) surface, short bill (darker lower jaw, pale pink) TL. 740, LT. 440 mm

No. 2886 Heteronate glossy, TL 176, LT 36

Skin 9.5 mm

No. 2887 small keel of back, upper side
Wed. March 18 14

Ve 1877

Ve. dark brown, with indistinct markings, caused by light brown lines (one visible when body fully extended), of thin iridescent blue, flanked by thin blue lines, sides of head a black streak from nostril to somewhat beyond the base of forelimbs bordered below by a white line. The Iris very dark but the upper one faint of iridescent golden line. Throat med. brown with a few pale blue spots, abdomen marbled with pale blue, dark brown, forelimbs med. brown, intensely with a few somewhat indistinct bars. Dark brown with pale blue, posteriorly, much less above med. brown with irregular light brown markings (bars) below dark brown with pale blue markings.

collected by A. Johnson in the forests
No. 2888

Prehistoric lizard, above black with two parallel red yellow stripes down
terminating at the vent.

Additional pointed markings of pale yellow on either side and more yellowish lines towards base of caudal discs. The ventral surface bright orange, the lower surface of foot yellowish as the lower side of tail with dark brown toes more pronounced towards black type.

Other side of tail is edged by a yellowish dorsal spine. The entire greyish green to lower side of femur.

The limits above black edges were edged with pale yellowish. Scales of body yellowish green.

(One could also say, the color above is pale yellowish with seven black parallel lines.) TL. 115 mm.

No. 2889

Lizard dark brown above with irregular yellowish small spotting forming a line on neck and sides.
1889. frontal surface glossy white with slight greenish tinge. Tail on sides above spotted with an indefinite yellowish tinge.

Photo: sides above dark brown stripe bordered by yellowish irregular line of below it shell like area in brown, yellow white ginger.

No. 1890. beak and, a dark brown breast.

Aggs brown band borders tail with a few dark scales edged by a few yellow ones, a broad dark brown lateral band, with a few scales of a yellow stripe towards the lower edge.

Gray throat (olinic atorment), bright green ventral surface of glans.

No. 2891. small spot, light yellowish gray motiled with dark grey blotches. Gray streak, light brown sides of edges of ventral surface. Near a lead red broad stripe tip of tail.
Medge April 1914

2892 small frog, light brown with darker head, a few dark bars

Paws on limbs, a light yellow arrow stripe from tip of head to tibia, a dark marking from tip of head across eyes to nearly base of forelimbs, a dark throat motiled with white, on breast darker motiled, a whitish line down the middle of the throat. Usually has no stripe but occurs on light or dark brown unfors 9 nearly black. The pattern of the throat is persistent.

To 2893.reddish brown small snake with dark brown this 9 dotted yellow root raising about to nearly round pupil, lower sides unspun, ventral surface greenish. throat bluish white, interstices between scales dark blue gray, with a bright blue coloration of markings.

No 2894. legend, above dark green.
Wedge April 1914

2894 Brown, with indistinct dark markings
lower sides yellow not green, lower
jaw & ventral surface pale bluish
green. Breast yellow—lower side
of tail darker green than ventral.

2895 Smaller, beak more, above pale yellowish
with grayish brown sides which
are marked by a few yellow irregular
markings, not to be seen when
squeezing. The pads of toes & lower
surface a bright red color (also lower
surface of limbs) & dark brown iris.

2896 Small beak short yellow on crown,
neck sides & a well marked spot
on lower end of thigh, medium brown
on back with a black marking on
pelvis. Gray throat into fine white with
dark brown ventral surface with
many rounded white spots. A large
white area on abdomen. The
crow color is white spotting extends
to thighs but fades away towards
anrus. The foot pads are purple.
Mudge April 1914

2846. above helmet is flageolet green Dash bronze iris. The sides of head dark brown. Iris color reaches down the sides of forming one with tip of the central disk

2847. pale greenish free area / very small with light bronze iris. 9 whitish markings (books in the collection painted on) from tip of head reaching to across the eye to a stripe from behind the eye down to base of hind legs lower surface of foot with pale yellowish tinge. a pale greenish throat. Slight green vental surface which color leads up the side

2848. a second small abdomen (has a smaller Med. gray above with tips of light markings. A light brown dorsal marking forming a series of irregular sometimes rounded in front triangular markings of which 6 are on the tail of 8 or
Mead April 1914

1898 the head is very anterior being
indistinct. The no footpads. Ti.88m
27.44m

1899. Tiny slender forest lizard.

2000? Ti.115. LT (probably lack one or two
ctm) 71 mm. Cauce 3, 2400 m. Dazed

New species (fairly dark) back, with a number
of dark greenish brown. Also some
green markings. Pale brownish
yellow tale with numerous tiny
black spots. A dark line from
top of head down to above base
of hindlimbs, a grayish streak
a slightly lighter pale yellowish
glossy neutral surface, same
color but with tinge of green
on Cosen. Surface of limits
and lower surface of tail pale
yellowish, there are a few fairly
black spots from behind the
forelimbs down towards the
knees where they become more
numerous as they are on the tail.
Medji April 1914

2901. 2902. 2903. 2904. 2905.
2906. 2907. 2908. 2909. 2910.
2911. 2912. 2913. 2914. 2915.
2916. 2917. 2918. 2919. Nineteen large forest snakes.
No. 2920. Horned viper - Skinned still salted.
No. 2921. 2922. 2923. 2924. 2925.
2926. 2927. 2928. Eight green vipers. The latter showed a fairly yellowish underside also the yellowish markings on the edge of ventral lateral scales.
No. 2929. X-Large grayish brown cobra, had swallowed a y5 plantain eaten (the large blue snakes).
No. 2930. 2931. 2932. 2933. 2934.
2935. Redeke with black stripes.

Adult 9 1/4'

No. 2936. 2937. 2938. 2939. 2940. 2941.
2942. 2943. 2944. 2945. Ten green snakes, keeled scales.
No. 2946. 2947. 2948. Five green snakes.

Smooth scales R1210 - 12109 (1917)
Medji April 1914

2949. 2950. 2951. 2952. 2953. 2954
2955. seven greenish vipers

dark triangular barred marking
yellowish, an fine line forming an arrowhead pattern at base of head.

2956. large bronzy vipers like make
brown mottled with buff

2957. 2958. 2959 tree flattened at
conoprosed snakes, brownish

pink is tonally the predominant

Color but among those tree

is considerable variety.

2960. 2961. 2962. 2963. 2964

five dark bluish gray snake

with an irregularly defined

striped central airface, tail
dark throughout.

2965. 2966. 2967. 2968. 2969. 2970.

two snakes, dark grayish green

with a slighly broadened head
yellowish underside, but
tail dark throughout. In 2968

had enslaved the reddest

opening forest road.
Medje April 1914

marks, gen. col. tawny, dusky blue
gray with a yellowish patch on head
9 beads, short tail, ventral surface
bluish throughout.

1975. upper tail dark blue gray above
ventral surface lighter


1979. 1980 two water snakes, peeled
scales. 1980 - R ii 1972
1979 - R ii 1960

Chameleons of different species,
one with live horns.

specimens of a dark blue gray and
just like No. 1971. but the marking
on the head is less conspicuous.
The lower surface of the tail
is slightly penciled with dark gray.

3002. 3003. 3004. 3005. four of the large
blue lizards. 3. The body is bright
blue with head a near yellowish
May 1914

3006. 3007. Two greenish brown snakes
R1290-91 (07-17-3) with dark transversal pattern
9 dark markings on head.

3008. 3009. Two sp. dark greenish

3010. Light brown snake with white

3011. A large pondfrog

3012. Large common toad

3013. Dark blue gray with gray blue

3014. 3015. Dark gray blue snake, without

3015. 3016. 3017. Three snakes, dark

3018. 3019. 3020. G. r. g. r. n. dark blue gray

3019. 3020. G. r. g. r. n. dark blue gray

3019. 3020. G. r. g. r. n. dark blue gray

3019. 3020. G. r. g. r. n. dark blue gray
Medji April 1914

3020. Very large snake with dark transverse markings.
R 12225

3021. 3022. 3023. 3024. 3025. 3026

3027. Seven males, pathway, purple, rafts, sides, velvety black markings on back.

3028. 3029. Two common treefrogs.

3030. 3031. 3032. Three frogs partly parallel.

3033. 3034. Two large green treefrogs, probably same as those in next series.

3035. 3036. 3037. 3038. Two large treefrogs, light green brown.

3043. 3044. 3045. Three treefrogs, very dark brown, have a few light markings.

3046. 3047. 3048. Three treefrogs, a large dark marking on back, a few minor ones of a large marking from two toread
March April
Downward to sides, skin smooth.
3049, 3050, 3051. Four large tree toads,
Fairly wrinkly skin especially
on head & sides of throat, caught
in life then on perfected spec.
Many dark markings above
3052, 3053, 3054, 3055
Four of the
smaller opinion forest toads,
3056 tiny chameleon short tail
See photo normally light or dark brown
Throat become light grayish
White, also greenish brown
The dark chest markings remain
Unchanged
3057 a large dull green lizard (402 mm
long) with darker than. the scales of
which have dark marking. the sides
of head somewhat lighter; the ventral
surface bright green, below
On the cheek there is a sort of collar
of large scales followed by a series of outlining ones. they
are twisting which a breast where large
colored again begin
See photograph from life.
It would readily jump down from a tree
but otherwise has rather sluggish
...
Wed 4 Apr 1914

its movements through for a

or all yard or 2 ft it might sometime

by which it would proceed fairly rapidly. Of

sag its weight for covers I tried to hide

itself underneath leaves of moss also under a log. The natives

probably who caught it assured me that

it also could lift itself near the water, I sent them

off again if they brought me

No 3058. I also the next day.

No 3059. The scales on the upper side exactly

time of the crown 9 holes are inserted

in a very peculiar manner which gives it a rather rough look.

No 3059. a bright green body with

very smooth scales on body

but rough ridged scales from

after death. base of tail on 1 1/2 cm beyond

the former section on the upper

portion of tail only about 1/2

3 cm long where the scales

are really conspicuous. Which give
Medj April 1914

1. A peculiar colour. The chameleon is 3059. Darker, the ventral surface light green, a few scales on lower jaw greyish green, a few (the outermost scales of the large scales on the lower side of the neck are orange, as well as the two rows of large exterior scales bordering the edge through these near the breast only gradually take the orange tint. T.L. 28.5 mm. LT. 18.5 mm.

No. 3060. Same as above, but spoiled by an arrow shot. His upper sternum orange on the two posterior large scales on lower jaw, on the large scales of lower nuchal collar 9 on the larger scale on the breast, but not on the sides like the preceding spec.

No. 3061 (med) grass green or dark green big forest tree head, large bronze eyes.

See Plate, note vent. pup. a pale yellowish edge from life on upper lip a yellowish line separating the brown area about
Medj April 1914

khin brown of lower surface of limbs, finely granulated skin above large granulation on ventral surface which is white with a brown marking, a brown lower lip, yellowish line on edges of toes at inner foot pads yellowish brown the upper ones completely brown, I believe it was identical with another but smaller species (unwritten) that has crossbars faintly visible on back, but I have never seen it change color of those I had for some time alive. Sighting that it measures 77 mm in length (from tip of head to anus), the sides are lighter green.

3062 chameleon, dark brown, mid brown, light green, dark green, the large papillae on the upper side towards back are pale brown on some greenish brown, some of the papillae in the depression on crown are pale brown, some o'rose on
April 1914

The side of head bright yellowish green. It is a defence when... loose it slips & drop out of sight, this may protect it probably from some of the enemies.

It never turns all over the body one color not only most of the large papillae keep their blue or greenish brown color but there are always a number of dark markings, as across the body from or rather is indefinite of a number on top of across the tail.

No. 3663 small head broad, light or dark green above, sides yellowish

Photo: a dark streak in front of eye, glaze of I. a few small black markings on side of head, dark edges on the sides dividing the yellowish of creamy tints of the abdomen, one bright red streak in front, one behind the thigh.
Medge May 1914.

No. 3063 - Bronze this horizontal perfils pads even brownish. Pals from life. Always tries to hide to keep underneath some leaves.

No. 3064 - Same as above.

No. 3065 - Geckos, sandgreen in the line of green, many velvety black marking.

Lower surface a pale ochre yellow

With the lower surface of limbs, the tip of tail (below) is greyish as are also the palms below. The once five finger geckos with the peculiar a black marking.

7 3/4 in. 1 7/8 in. Keyserden.

No. 3066 - Large granite white gecko - fell down from a tree, above a red clay dull granite white with lines of gray, light 9 dark brown, a dark brown marking from in front of the large brown eyes to base of forelimb.

The tail shows a few dark cross marking, brown bordered by large creamy veris to chest, most of the ventral surface is of the lower surface of hind limbs to yellowish creamy.
Medjir May 1914

Light gray, sides grayish, a line of white lines or dots or spots on sides, four lines of pointed on base of tail but from here somewhat irregularly distributed towards tip, both sides of tail fringed hydromel and line of pointed tubercles, the tip of tail has evidently been injured, it is dark.

No. 3667. A rather slender beak, ad. covered see with numerous small tubercles. A smaller one looks like sandpiper, the general at a distance is a mixture of brown hind.

The crown, eye, portion of the back, the upper surface of hind legs, the upper surface of mid-thighs, the rump, the mid-thighs, and in the anterior portion of the body have a mixture of brown hind.

No. 3666. A broad black band across the shoulder, running down the sides to base of hind limbs, the fall yellowish brown tint, the back is white.
Mudge 2 Mar. 1914

3067 The ventral surface yellowish, also a spot below branchiae. The lower surface of the paws of both the thighs all the posterior parts of the body above in a squatting position at the base of the midlimbs running up the side a small area on the upper side of the forelimbs has a blue green smooth jelly like coat. Very conspicuous are the large pale yellowish finely divided eyes with a darker marking in front on the rear of the horizontally elongate pupil. On the ground they hardly jump more than 3 feet, but when raised on top of a stanch they really take downward jumps with surprising ease undoubtedly aided by the enormous flippers like extension of the hindlimbs. The oar photographed measures in sitting position 56 mm in length.
The markings on the female (no. 3068) are somewhat conspicuous especially the brown ones. Some of them are dark brown. (June 7, 1928)

No. 3068 to 3068C. We received a specially large N one that appeared rather fat. I put it in a little bowl and was amazed when I looked inside in the bowl.

May 28: I saw it sitting upon a large patch (60 mm wide, 9 on the 45 mm high) of a mass that looked exactly like the beaten white of eggs. However, the same consistency, it evidently had worked it with its hind limbs that were still covered with the white. The substance that was pressed to one of the ends of the bowl being largest at the base. The next morning he had left the patch. I will keep the bowl moist to see further developments (was destroyed).

June 17: The former put on the stem of a tree, the latter on a large leaved tree. There was one on the front of one on the backside of the leech.
May 1914

No. 3067. Large keelhead. Same as No. 2640.

No. 3069. Light brown male, indistinct marking.
No. 3070. Dull greenish brown, may smell like
No. 3071. Bright greenish, indistinct marking.
No. 3072. Grayish green, distinct dark marking.
No. 3073. Dark brown, indistinct markings.
No. 3074. Mid brown, distinct markings.
No. 3075. Dark brown, no markings, sides light brown.
No. 3076. Light brown, dark markings.
All of these have yellowish tint on lower
surface of front.

No. 3077. Slender lizard. TGr 124 mm Ctr 78 mm.

He back brown, with many dark markings.
Light towards base of tail which has many
black dots; a black stripe from behind eye
towards base of tail. Hind limbs, whitish lower.

No. 3078, 3079, 3080. Three large keelheads.

Light green above, no markings, no
yellow markings on hind limbs.

They seem not to change. Ken color,
except from bright to dull green.