


Ox teams at Fort Victoria. The teams of 8 or 9 pair of oxen are frequent in Transvaal and Rhodesia.

Hotel near Zimbabwe Ruins. The party stopped here while examining the ruins.

Zimbabwe Ruins.

1981. The two north sisters (Three sisters), Cascade Forest. Lava in foreground.


Euphorbia near Zimbabwe Ruins.

Fort on top of Acropolis Hill, Zimbabwe.

Zimbabwe Ruins.

Zimbabwe Ruins. Fort on top of Acropolis Hill, Zimbabwe.


2195. Rocky Valley east of Zimbabwe. Cymbopogon by a rock 6 feet tall.

2196. Melons on Mr. Holliday's Farm near Fort Victoria.


2197. Farm house on Mr. Halliday's farm near Port Victoria.

2198. The tree is Bauhinia, the pods furnish cattle food. Beyond is a bone pile used as fertilizer. Mr. Halliday's farm.

2199. Husks from threshed mealies (maize). Bags of shelled mealies.

2200. Corn field (mealies) from which corn has been husked.—Mr. Halliday.
UNITED STATES NATIONAL HERBARIUM.

PLANTS COLLECTED IN CHIAPAS, MEXICO.

From Chicharras, altitude 3000-6000 feet.

Look-out house on summit of Twin Lake Mountain. Umpqua Forest, August, 1927.


Waterfall. Umpqua Forest, August, 1927.

Look-out house. Standard type.
2201. Haystacks on Mrs. Du Port's farm 80 miles south of Salisbury.

2202. Maize den near Salisbury.

2203. Railway station near Salisbury.

2204. Marendillos, railway station east of Salisbury.


Mealies in bags at Cheka, east of Salisbury.

Downs near Amiri.

Downs near Amiri.

Along railway Tanga to Moshi.


Sisal plantation, Himo (on way to Taveta).
2004. Patrick Creek, Calif. On way to Crescent City.


2213. Native kraal, native women.

2214. Station, Taveta.

2215. Views at and near Lake Challu. A crater lake between Marangu and Taveta.

2216. Views at and near Lake Challu. A crater lake between Marangu and Taveta.


2216. Views at and near Lake Chaliu. A crater lake between Marangu and Taveta.

2217. Views at and near Lake Chaliu. A crater lake between Marangu and Taveta.

2219. Views at and near Lake Chaliu. A crater lake between Marangu and Taveta.

2221. Masai women, the king's wives.


2226. Interior of herbarium, Kew.

2227. Exterior of herbarium, Kew.

2228. Houses across green opposite herbarium, Kew.

2229. Herbarium, Kew, from street.
2020. Bar shown in 2019 seen from inside. These bars are found at the mouths of the rivers here.

2021. Bar at mouth of a river (different from 2020)—the bar in the background.

2022. Valley near Holyrood, Newfoundland. Taken from the same point as 2021, but in the opposite direction.

2023. House at Cartwright, Labrador, where I was lodged for five days (Aug. 1928). The home of Mr. Groves, dock foreman of the Hudson's Bay Co.
2230. Entrance to Kew Gardens, near Herbarium.

2231. The Priory near Kew Gardens.

2232. Laboratory (botanical) Annex.
The scrubby timber consists of black spruce, balsam fir, and larch.
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2233. Eugenia welwitschii near Botanical Laboratory.

2234. Director's house, Amani.

2029. Cartwright. Tide out. Hudson's Bay Co. offices and dock at extreme right. Staff house in center.

2030. Cartwright. At left of 2029.

2031. Top of hill at Cartwright. Scattered scruffy spruce, and low prostrate shrubs, such as blueberries and Lappetrum nigrum.
1236. Dracaena near Director's house, Amani.

1236. Baobab tree, Moshi. Bee hives in tree.
2032. Stunted spruce on exposed shore of bay, Cartwright.

2033. Seashore meadow between water and spruce at Cartwright. Willow at right.


2035. View near Holyrood. Bay and meadow at left.
2239. Bismarck Hut on Mt. Kilimanjaro, 8000 ft. Here we stopped the first night from Marangu.

2238. Euphorbia, Koshi.

2240. Forest near Bismarck hut.
2036. St. Georges, Newfoundland, from the dock.

2037. Iris in pasture, St. Georges.

2038. Iris, close view, St. Georges.

2039. Village opposite St. Georges (Sandy Point). Buildings near shore.
2341. Tussock grass, Bismarck Hut.

2342. Tussock grass, Bismarck Hut.

2343. View on Kilimanjaro at 10200 ft.

2344. View on Kilimanjaro at 10200 ft.
2040. Buildings near dock, village opposite St. Georges. The grass is a close turf of Agrostis maritima.

2041. Street of village, same as 2039.

2042. Another street in same village.

2043. Fence along street in same village. Grass mostly Agrostis maritima and Festuca rubra.
2245. View on Kilimanjaro--our porters.

2246. View on Mt. Kilimanjaro at 10000 ft.

2247. Senecio ollens, Mt. Kilimanjaro, 11400 ft. Dr. Cotton beside plant.

2248. Senecio ollens, 11400 ft.
2044. Outer shore of sand spit beyond village. *Ammophila breviligulata* foreground, Newfoundland.

2045. St. Johns, Newfoundland, from steamer.

2046. St. Johns from steamer.

2047. St. Johns from steamer.
2048. Entrance to bay, St. Johns.

2049. Shore of bay near entrance, St. Johns.

2050. Just outside entrance to bay, St. Johns.

2051. Steamer Kyle at dock, St. Anthony, Newfoundland.
2253. Kibo Peak, Mt. Kilimanjaro from Peter's Hut, 12000 ft.

2255. Kibo Peak of Mt. Kilimanjaro. Peter's Hut foreground where we spent the second and third night.

2254. Kibo Peak, Mt. Kilimanjaro from Peter's Hut, 12000 ft.

2256. Mt. Kilimanjaro, 12200 ft.
2052. Steamer Kyle.

2053. New Hospital, St. Anthony, Grenfell Station.

2054. Industrial School, St. Anthony, Grenfell Station.

2055. Orphanage, St. Anthony, Grenfell Station.

2258. East peak of Mt. Kilimanjaro from 14000 ft.

2259. Kibo peak of Mt. Kilimanjaro from 14000 ft.

2260. Kibo peak of Mt. Kilimanjaro from 14000 ft.
2056. Old Hospital, St. Anthony, Grenfell Station.

2057. Rocky Cape, Seathers Cove, Labrador.

2058. Rocky Coast, Spear Harbor, Labrador.

2059. Red Bay, a village on the northwest coast of Newfoundland.

2262. Dominant vegetation at 13500 ft. East Peak in background.

2263. Mt. Kilimanjaro near limit of vegetation--14000 ft.

2264. Mt. Kilimanjaro 13500 ft. Grass in Vesicularia composite with yellow flowers (Erica foliage) is common.
2060. Bonne Bay, coast of Newfoundland, north of Humber Mouth.

2061. Promontory in Bonne Bay, Newfoundland.

2062. Hotel, Corner Brook, Newfoundland.

2063. Town of Corner Brook, from hotel. At right is a reserve pile of pulp wood logs for pulp mill.
2265. Giant Senecio, Mt. Kilimanjaro, 13700 ft.

2266. Giant Senecio, Mt. Kilimanjaro, 13700 ft.

2267. Giant Senecio, Mt. Kilimanjaro.
2064. Hotel at Port-aux-Basques. Large rock exposed in yard.

2065. Harbor of Teneriffe Island, one of the Canary group.

2066. The Great Dragon Tree, Santa Cruz, Teneriffe Island.

2067. Mountains of Teneriffe Island.
Giant Senecio, Mt. Kilimanjaro.

Giant Senecio growing in a marsh.

Giant Senecio in marsh.
2271. Giant Senecio.

2272. Giant Senecio.

2273. Scrub on Mt. Kilimanjaro, about 11000 ft.

2072. Ascension Island from the sea.

2073. Ascension Island from the sea.

2074. Ascension Island from the sea.

2075. Ascension Island from the sea.
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Scrub on Mt. Kilimanjaro.

Where grassland and forest meet above Bismarck Hut.
2076. Ascension Island from the sea.

2077. Ascension Island from the sea.

2078. Llandovery Castle, the steamer on which we sailed from London to Cape Town. View of steamer at anchor off Island of St. Helena.

2079. Wharf at Jamestown, Island of St. Helena.
The natives are numerous here. Each family grow bananas and a few other things for food.
2295. View north of Nairobi—woman carrying grass.

2296. View north of Nairobi—woman carrying grass.

2297. View north of Nairobi.

2084. Mountains of St. Helena, showing plantations of New Zealand flax (Phormium).

2085. Napoleon's grave, St. Helena. The enclosure belongs to France. The remains were transferred to France.

2086. Jamestown, St. Helena.

2087. Last view of St. Helena.
2300. Native grass, Nairobi.


2036. Peizenberg, a suburb of Cape Town from the hills of the Cape Peninsula.

2039. Flats east of Cape Town, visited by a botanical party.

2040. Sir Lowry Pass, near Cape Town, visited on a botanical excursion.

2041. Dam at Cape Town water supply, visited on a botanical excursion.
2303. Government House from N.W. Kikuyu grass.

2304. Lake Victoria from Entebbe.

2305. Lake Victoria from Entebbe.

2307. Entebbe out hills.
2002. Large camphor tree on Mr. Phillip's farm near Cape Town. Visited by a botanical excursion.

2004. Sand dunes, Cape Peninsula, visited by a botanical party.


Hi

Ripon Falls, source of Nile.

Nile--looking up river toward Lake Victoria.
2096. Restionaceae, Cape Peninsula. Plants allied to sedges.

2097. A rest house on Cape Peninsula, thatched with plants of Restionaceae.

London. Taken on a botanical excursion, Cape Town.
2310. Dam being put in at Jinja, Nile River.

2312. Elephant grass border of field between Kampala & Jinja.

2311. Elephant grass, between Kampala & Jinja.
Fig. 100. Kirstenbosch Botanic Garden, Cape Town. Succulents.

Fig. 101. The Bolus Herbarium, Kirstenbosch Botanic Garden.

Fig. 102. House under construction, thatched with plants of Restionaceae, Cape Town.

Fig. 103. Main steps of the University of Cape Town.
2313. Air field, Jinja.

2314. Air field, Jinja, shelter hut the sides of elephant grass.

2315. Jinja native huts, modern construction.

2316. Government offices, Kampala.
2108. Flowers at base of Table Mountain, Cape Town.

2107. Cable station for a cable under construction to go to the top of Table Mountain.

2109. A plant of Testudinaria in Kirstenbosch Botanical Garden.

2110. Aloe marlothii in Kirstenbosch Botanical Garden.
2317. Mr. Hunt's house, Jinja.

2318. Ox team, Jinja.

2319. General views, Eldoret.
111. View in Kirstenbosch Botanical Garden. Table Mountain in rear.

111. Rhodes Memorial, Cape Town.

112. Seaweed at Camp's Bay near Cape Town.

114. Protea grandiflora, slopes of Table Mountain.
2321. General views, Eldoret.

2322. General views, Eldoret.

2323. General views, Eldoret.

2324. General views, Eldoret.
2115. *Leucospermum leptocarpum*, slopes of Table Mountain.

2116. Camp's Bay near Cape Town.

2117. *Leucospermum*, slopes of Table Mountain.

2118. Salt-bush vegetation, White Hills, Karoo, valley land, somewhat alkaline.
Naivasha, Mimosa tree.
Corrugated iron huts Naivasha.
2129. Succulents on Kopje, White Hills. Euphorbia mauritanica.

2130. View from Kopje, White Hills.

2131. Dry stream bed, White Hills.

2132. Plain, Madjeefontein.
3336. Railway station and ox cart Neivaah.

3338. Pepper tree—Neivaah.

3361. Grevillea robusta, Neivaah.
2123. Succulents on Karoo, Madjiesfontein. Euphorbia mauritica, Crassula perforata, Cotyledon orbiculata, Aloe microstyla.


2124. Office of diamond mine, Kimberley. Diamonds worth thousands of pounds are shown.

2332. View from hill east of Naivasha.

2333. View from hill east of Naivasha.

2334. View from hill east of Naivasha.

2335. Valley east of Naivasha.


2130. Herbarium of the University of Johannesburg. In charge of Professor Ross.
2336. Escarpment of Rift Valley to east, Naivasha.

2337. Escarpment of Rift Valley to west, Naivasha.

2338. Rift Valley from train, south of Kimbe.

2339. Rift Valley from train, south of Kimbe.
2131. University of Johannesburg (University of Witwatersrand). Botany building at left.

2132. University of Witwatersrand.

2133. Diamond mines, Kimberley.

2134. Diamond mines, Kimberley.
2340. Elephant grass, Nairobi.

2341. American Consulate, Nairobi.

2342. American Consulate, Nairobi.

4346. Aden, early morning (before sunrise).
2135. Diamond mines, Kimberley.

2136. Zulu war dance at Johannesburg. Arranged for the benefit of visiting scientists.

2137. Zulu war dance at Johannesburg. Arranged for the benefit of visiting scientists.
2343. Young mango tree in flower, Nairobi.

2344. Street between Consulate & Norfolk Hotel, Nairobi.
2149. Zulu war dance at Johannesburg. Arranged for the benefit of visiting scientists.

2147. Lawn of Cynodon transvaalensis on Mr. Wartenweiler's place, Johannesburg.
2346. Aden, early morning (before sunrise).

2347. View from steamer while passing through Suez Canal. (Herd of camels).

2348. View from steamer while passing through Suez Canal.

2349. View from steamer while passing through Suez Canal.
Miss Stent, Assistant in Botany, Pretoria.

Herbarium, Division of Botany, Pretoria.
View from steamer while passing through Suez Canal.

A. Euphorbia canariensis. Las Palmas, Canary Islands, June 20, 1923. Photo by Professor Marie-Victorin, who stands in the picture.

B. Draca rebor (left) and Phoenix canariensis. Teneriffe, July 3, 1923. Photo by Prof. Marie-Victorin.

C. Draca rebor. Santa Cruz de Teneriffe. June 20, 1923. Photo by Prof. Marie-Victorin.
148. Lofcatsi, station on railroad to Bulawayo.

2147. Grass Gordon, Department Station, Pretoria.

2148. Cactus at Lobatsi.

2149. Train at Lobatsi.

2150. Cactus at station, Lobatsi.
D. Dr. C. H. Ostenfeld, Copenhagen, Denmark. Photo taken at Ithaca, N.Y. 1926.


2151. Chaparral at Gotsi, on way to Bulawayo.

2152. Black children at Falls, on way to Bulawayo.

2153. View in Motopos Park, several miles from Bulawayo.

2154. View in Motopos Park, several miles from Bulawayo.
Dr. Rubel, Zurich, Switzerland. Photo taken at Ithaca, N. Y. 1926.


Dr. Reddick, Ithaca, N. Y. Photo taken at Ithaca, N. Y. 1926.

8156. View in Motopos Park. Rhodes' grave at top of hill.


8158. View in Motopos Park.


K. Prof. F. E. Earle, Herradura, Cuba. Photo taken by A. S. Hitchcock at Baragua, Cuba, 1927. Sugar cane in background.

L. Mr. John R. Johnston, United Fruit Co. (left); Mr. Van Bins, Exp. Sta. Baragua, Cuba (center); Prof. E. J. Earle, Herradura, Cuba. Photo taken by A. S. Hitchcock at Baragua, Cuba, 1927. Sugar cane in background.

M. Mrs. Inez Mexia, Chihuahua, Mexico, June 1929.
It is difficult to obtain a satisfactory view of the falls because of the contour and the spray.
Boarding the canoe, north bank of river, for Livingston Island.

Phragmites pungens. Along the north bank of the Zambezi River (Northern Rhodesia) near the bridge (on way to Livingston Island).

Victoria Falls. The Gorge.

Victoria Falls.
River from Livingston Island—Victoria Falls.

Native Huts near Victoria Falls.

Devil's Cataract.

Buchub tree near Victoria Falls.
2176. Baobab tree near Victoria Falls.

2177. Native Palm near Victoria Falls.

2178. Native huts at Sawmills, a station on way to Bulawayo.

2179. Our special train at Sawmills.
Scrub near Sawmills.

Euphorbia, Bulawayo.

Rhodes' monument, Bulawayo.

Ck teams at Fort Victoria. The teams of 8 or 9 pair of oxen are frequent in Transvaal and Rhodesia.