Field Journal of Heller December 1915 to February 1916

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Sima Arr. Dec. 2 from Melbourne

Dec. 15 Went out to the Biological Park to photograph animals armed with a permit from the Minister. Home to obtain by Mr. Marshall. The Director was out but the keeper, a German man who formerly worked in Africa and Tanzania, showed me around. The 2 parrots, spectacles bears recovery, were very much into their cage. They came up to us and stood on their hind feet upright. When they got too friendly the keeper showed them away. They were 6 yrs old, under 10 yrs old. We also took photos of the raccoons which are tame and stood quietly within 10 feet of us. I took many photos of the contours also but it was hard to inside their cage.
16 Went an errand to the Museum national of the Zoological Parks. The museum is a mixed array of paintings, historical figures, statues, and busts of heroes. Most fine however is from and Indian relics and articles. There are many jars and pottery of various designs of Indian age. Also much cloth, mummies, and shields and feather work. One case is filled with Kipus or bundled cords used as a recorder for history by the Incas. The cords are arranged in a circle about a small ring and are in 20 or dull colors. The Indian tribes are chiefly referred to the Campus and the Machigang as a name is not exact. Some 6 tribes are named so arrows and bows as well as paddles
About noon. One case is filled by necklaces. A 2nd case, nuts + in.

Many cases of teeth selected from a single species or a whole! One necklace is made of canine teeth of gazelles only, another of monkey molars, other of canine teeth of pecaries etc.

18 Visited the National Library & looked over the natural history books. They had Tschudy's Flora, Fauna, Flora, Fauna, Thomson's Birds + many books on travel not practically no pamphlets or short papers on systematic works. The library is really very poor & far behind the times.
In the afternoon I went with Erdis to the Bell fight. The affair started at 3:30 with a good night crowd of men. I saw only 2 or 3 women of the upper class there and also only a dozen or so of the Indians or Choctaws. Apparently it is a masculine affair here. Six bullies were killed in some of them by a single thrust, several by many repeated stabs. The banderros showed much skill in placing the banderros in the muzzles of the bull. Some 4 horses were killed, one by a heart thrust from the bull to another by having its entrails ripped out. The cruelty of the feat was amazing. The horns were head golden.
practically driven onto the
cliff of the bull that
stretched horse rang on
for its life. The attacks on the
bull by the bullfighter is quite dangerous
and exciting in nature.

The bull fighters were frequently
appreciated and some bull were
thrown out of the ring. The ring
is said to be the largest
plenty of space to escape and play.

In the afternoon I went
to call on with Morsell and
took the steamer Orissa for Valparaiso. There were
some 60 passengers, 1st class
but only about 15 were English
speaking people. The steamer
weighed anchor at 5:30 p.m. with
smooth fair weather and cloudy
with high fog.
21. Saw several fin-backed white-tailed whales & a few black-bellied albatrosses. Brown pelicans were seen in large flocks. They are the greatest birds of the chilenan islands apparently for they are the only bird seen in the photos of the islands in Mary Robinson's Wright book on Peru. In small spots the sea was blood or a rich chocolate red due to a sort of whale food or plankton life.

22. Reached Molanda at daylight and remained there all day taking on cargo. The whole bay here was filled by the same red sea water as we saw yesterday. A large patch of it had drifted in & filled the whole bay & sea for miles around.

23. Arrived at Umiña at 6 A.M. & remained until 7 A.M. just long enough to comply with
the mail contract is there no
waggon to load. The town
is apparently well built and
the streets are lined walled
by trees which add mouch to
the beauty of the
muddy desert of the country. The
headland or norro is a level
hill which rises abruptly from
the harbour and is well fortified in
its broad rounded summit.
We did not go there nor did
we see the high now clad
peaks of the renders which are
said to be visible from here.
The whole coast line from
Anza to Ventagto and beyond
is an extreme desert with
any vegetation in sight. It is
infinitely more absolute desolate
than Mollendo which has a
green belt some 300 feet
above the seashore where the
fogs belt rests and deposit moisture
no much permanent fog belt.
appears to prevail south of this port.dropped anchor at equinoctial at 4 P.M. and
remained until dark so we went ashore.
The town lies on a long rocky reef which juts out into the ocean as a broad flat
shelf. The point forms a breakwater which protects the bay
west of it from the long swell of the Humboldt current.

Nearly all the harbors are

similarly formed by a soutern
point a reef cutting a deflecting
the Humboldt current away
from the land within the
Pacific swell which does not seem to be deflected
towards from the north west
or north. The town of
equino is made streets, fine
shops is neat in appearance.
Everywhere shown it however
stretches the barren bleak
Sand flats, dunes + mountains covered by the same material.

On our way from the steamer to the wharf we passed over a shallow reef lined by exposed rocks on each side on which were large numbers of slaty gulls clustered together. A few seals were seen in the strait swimming about the boats.

[24]

Came in at an ore port. Mejillones a few miles above Antofagasta at 8 A.M. + remained until noon taking cargo. Reached Antofagasta at 5 P.M. The harbour is an open roadstead + great smell make it rough even in the best weather. Went ashore with Santos in a launch + remained until 10 P.M. The town is well paved with sidewalks + neat in appearance with excellent shop. It is
situated on a stony plain or the base of rather high, lumpy hills or mountains. Nitrates is practically the chief export.

25. We remained in hard

loading nitrate and concentrate from Bolivia until 1 P.M. A

alosha at Iquique in present

Pepelotiu to the discovery

that the Andes have only one low spot in them a break in

the wall which is at Cajamarca where they pass as only 6000 or

7000 ft. high. South after this pass they remain 14,000 to 15,000 feet

height to the Transandine Road which pass is 2800 ft. north

of tools Cajamarca they are again high thus this place

is near the boundary.

many Andean animals (some

like the llamas) wintering just the north
Present aspects of the mid-wild reindeer protection law.

In the wild, reindeer and vicunyas are the basis for their wool and meat. They were surrounded by many forest groves, which were utilized annually for their wool and meat. They were surrounded by some 50000 men in a giant drive who used spears and lances. Some of the males were killed for their meat, especially thicker types. The vicunyas themselves were only captured, sheared, and returned home again.

26 Reached Coquimbo at 8 P.M. and stopped 2 hours for mail and passengers only. Weather cloudy and misty, and with a fresh south-westerly wind and rather large swell on rollers. Mist obscured most of higher mountains only coast line being visible.
Reached Valparaíso at 2 P.M. Saw very little of the coast until the Park was sighted. In the harbor it was very smooth. Many ships were at anchor and there was a great amount of space for the movement of steamers. Went ashore with Burtin and took rooms at the Hotel Royal. The inscription change of the custom house was amusing.

Weather ideal, nights cool at the dawn, pleasant sunshine and warm. Went to meet lobster steamer who runs two steamers each to Guan Hermenday Island to ask questions. Lobsters are the only export from the island. Cross the street saw a large gala pageant, Tortoise alive, joints of restaurant where it seemed quite content. At night about 11 P.M. Saw moon. In the late afternoon there is...
A grand parade at the Plaza Victoria. This takes place on one side of the square only. The officers and chief of the guards are in their uniform. The women in birds or beetles. It is addressed in which much beauty is displayed. The people's parade have a strictly European appearance. It blends the eyes with the predominating Indian blood or negro's certain very rare here as far as the upper class are concerned. The people show a strong nationalistic spirit. The parade at the middle is a large statue of a man Captain Pratt of the heroes of the recent Peruvian war. There is also a street named for Pratt and a memorial in the harbor having his name. Other much honored are Cochrane and undoubtedly Peter Delany.
died in the struggle as
a captain in a single-handed fight
on foot only. Attack on the enemy.
It seems strange that he
should be so highly esteemed
for such deeds. A position
which vehicle bears the car which
is kearse like in build keeps
square hinged side doors which
the modern style of car is seen here.
No lazy hitch is served here
on the streets in Frau 
and all fights are also prohibited.

The German influence here's
quite manifest in the
streetcars. Afteri arry
the make of the streetcars
which are almost declined to the
railroad locomotives also of
German manufacture.

The jack animals used in the
streets which are chiefly horses
all have a large pad 6 inches diamètre
inserted under the spine, to
which is attached the back bone which
keepers the pelvic walls of the skeleton.
and presents no books. This looks like an excellent country for a civilian invention. I have seen no soda-baked homes here. The fruit markets contained many northern fruits, apples, peaches, pears, apricots, plums, etc.

Spent the late afternoon at Unity del Mar, the residence suburb. It lies north of the city on a flat plain near the beach. It is a town of well paved modern streets and fine houses with yards and shrubbery filled with flowers, trees, in U.S. style. I saw one picture of many homes constructed in this frame style which from the street flush in birds sees in fruit or streets, along sea coast were many black cormorants to a white bodied gull. The only land birds seen were eider, swallows. Vultures and hawks were flying in the mountains. The hills are covered with small bushes, ornamental a
common place, was a garden of California poppies which is a shrub also. On the hill above the city situated a park of cypress and pine trees also many eucalyptus and some olive tree.

31 Took the 12:30 P.M. train for Santiago and arrived there at 6:15 P.M. The day was bright with a fresh breeze blowing from the coast. The railroad extends down the hills along narrow valleys and is highly cultivated by irrigation. Along the coast, the country hills do not look very dry. The hills are everywhere covered by a scattered growth of small trees or better large brush well spaced and having the appearance of the acacia belt of Africa. In places, many tall cacti were seen with the brush grass growing very greenly and the ground being bare of stones.
At Las cañas the valley forked very fertile. Many fields of alfalfa, potatoes, corn, maize, melons, gourds, apricots, peaches, apples, walnuts. A vineyard several very extensive vineyards were also passed. A再 valley the plains named as pasture for cattle the no where there were meadows moist conditions. And approached Santiago the valley widened out & became very level. The hills on either side were a gentle distance, between small stream. All water away to the east could be seen...some of the road capped and in the fields green with iron small maps only streams in campi. I spent the morning in the center Santa Eugenia which is a high rocky hill in the center of the city. It's artistically planted...
to trees and flowers and has running streams and staircases leading to the rocky summit. From the top a fine view of the city and the great forest valley and the peaks of the Andes may be obtained.

The surrounding farming country is largely meadows with stock and grain fields. One of the premier American peaks is a large rounded dome east of the city that is covered with more fields in places. No forest is visible on the sides of the mountains appearing quite bare. In the trees oaks, cypress, pine trees, and cedars can be seen. The crest of the cypress region was home of common bird inhabits. He looks slightly darker than the Peruvian but otherwise similar. A few olive gold finches are seen as white crested small perches. The birds were nesting in full song.
The number of species is amazing.

Not a lummox or tarmage was seen.

Day clear & warm with open

cloud reflections in the

white pavements.

2: spend the morning in the

grand Parque Condesa. It is

a really beautiful park of large size

with species variety. Species include

pepper trees, eucalyptus, larch

flowers. Beneath the trees is a

good quantity lawn carefully

kept and bordered. Even in

large wood where country birds were

frequent. In the afternoon &

evening another large

park, the Botanical Garden &

Museum National. The place

was labelled as a national. Many

trees were very old. softball

size. Giant yuccas, the

wasples pines, elms & magnolias

abounded. The museum was

closed for 2 months. The park

was almost as large as the grounds

I learned afterward that the

park attendants had allowed
call the arrival to die after the park had been well stocked several years ago.

The day being Thursday the art museum was closed so I missed that.

The 7:30 P.M. train for the transcontinental journey at the station on departure.

I witnessed a midwinter scene unusual enough in the country. Men struggling with another goodbye. Scenes of tears exchanged each other. A series of hooch drinking. A cloud flow like tears could freely from their eyes.

The women of countries breathing for the women of countries.

To get much sleeping seems very impossible. They recovered from their sadness more quickly after the train got underway.
that day I go into these amazing scenes when friends and relatives one 2013 day journey from home. We reached the Andes a town at 2,500 feet about 11 P.M. and remained overnight at the hotel. The town consists of many houses, small fields, grain fields, etc.

4. We departed at 7:00 A.M. and climbed steadily through a hilly country along the course. It is very muddy due to the frequent appearance of rain. There was nothing but a few large trees at the base of the mountains. We traveled on the gravel road. After a few hours of travel, we reached the summit of the mountain. The road is not very steep, but there is no more known by which it is due to the lack of high elevation. On the summit, we took a break to admire the view of the Andes. The Taquile Island is a small mountain lake in a narrow valley filled with gullies.
The mountains line snow fields so beauty rises on mountain tops. The snow is apparent on each hill, the trees are covered with snow, and the sky is blanketed in a grey mist. The mountain side of the pass is more dire and more bleak than the rest of this. It is possible to walk in any season, but there is always a great peak of a volcano, which can be seen as it rises high in that direction but is seen only in rare instances covered by snow fields or glaciers. The mountains are covered with snow peaks in the distance, resembling Venus or Martian peaks of Mars or Bolivia. The scenery is very beautiful, and the tallest peak of the mountain is named Rock Peak.
The route foundations had a slight rise in the middle, and were surrounded by barren or yellowish-colored sand dunes. Magnificent rocks were scattered in various directions, and the bed of one of the creeks had dried up. The river banks were overgrown with weeds and brush, especially on the southern side of the road, which was the only route that was generally dry. The country to the south was like that of the Panhandle of Texas, and was covered by a similar growth of cactus bush and scrubby plants, with scattered mesquite trees and little vegetation. Reached Memphis late at 11 P.M. with Mr. John Brown in the hotel with Fire Stephens who was one of the passengers on the train; saw practically no trees, and a remnant of the old white oak trees still standing. The town is blanketed by a fine mist and fog.
country which is irrigated by the water from the Mendocino River. All surrounding country is dry desert of broken hills or small trees. Mendocino has about 7000 population and lies on the

The town but it was cloudy again when morning on the

Our train left at 10 A.M.

day clear & warm. We rode for about 2 hours then cultivated irrigated fields before we came to the dry desert. The desert was as level as a floor & covered by a vast growth of yellowcushion barked mesquite brush, or trees so closely that no open plains appeared. So dry is the desert & level that there is no top ballast on the railroad simply the rails are laid on the plain & pushed in by the wind & growing into a raised. Water comes me deeply melts. The impression

15
apparently made an entrance unnecessary. Saw no game on
large birds. Reached San Luis about 11 P.M.

6 0 A.M. in the morning got up

about 9 a.m. near Chaco Brico
catholic. The temperature
changed somewhat, the mescal
green place to a larger field

with green acacia which grew
dense and was abundant. Many
acacia walking on the ground
and quite hidden. A Horseman
would be difficult to see. In the
morning, however, we were in

very different country as
grass began where rain
fall is abundant and drinking
water needed. The plains were
well stocked with cattle which
stood in herds in shallow pools
or else about dry pond beds. The
country was verdant with grass
and new corn and was hot and
oppressive. Many herds of small
animals on the plains when they are
protected by law. They paid expenditures to the Indians 50 yds. distance. Numerous flocks of black birds also seen. Several large flocks of geese seen near ponds. Lots of ducks & geese were also seen. Also flocks of doves, & pinion-tailed projectors were seen on the pine trees along the track or on wood fences. Stephens Plan a small wolf or coyote or morn. The sunbirds & tailed projectors in flight look like the 8 phallic,
grand species with peculiar
abounds of 5 species were also
rare. Several native plant species
witnessed of 2 species, a black
a grizzly bear. There was
unpredicted brown bear
non-primitive deer.

9 In the afternoon went
to the races with Packer.
The track is a very fine one
the buildings being of apostles
beautiful in design. The
day was hot but the crowd
was quite large. Not many
ladies were present except
in the private stand with
Jockey Club. There were 8
races, none of 20 entries. The
jockeys were all natives except
one negro in American. Then
the track is the beautiful
park of Salinas valley.
a legion of boats. At about 6 P.M. when your
number of automobiles +
carriages of the wealthy men met on the streets,
when they display themselves
by driving back + forth.
The people here thought
different from the children.
They had a dress that
+ are sad and at least seldom
gay or boisterous. Apparently
they are an Italian mixture
with less from Spanish blood
than the children of Persians.
About 3 years ago the lavish
expenditures of P.A were cut
short by hard times + prices
are much lower now usually.
The taxi cabs are fine European
cars of European make.
bought a song after the

I cask came. Ford cars are

frequently seen the difference

with civilian cities is acute indeed.

The Avenide Mayor is kept

walking by them February

moving back and forth all day.

might nearly all except

traffic is just so numerous that

it is difficult to cross the street.

Violence almost also rare

cheaper cattle & wheat seem

to be the only articles of

export or large business, where

being no manufactures or

other enterprises here.

This afternoon I went

to Pecos with Ranch

in his automobile. The day

day was bright & hot with

a lazy over the sun. We

went on the new stone

paved road near of the distance

by way of Delkos.
This is the only metalled road outside of Agra city, the others being minu-wires. The road led through green fields or pastures, and fields of wheat, jute, or other vegetables, and then, from a great distance, there was a field of rice. It was a field of rice. Several species of birds, pheasants, jackals, glossy ibises, and other birds, fluttered about the valley, which was dark and sunless. In the recess of dark sunless sun, many grumpy pop or per-aps-so-ly-so-called by the natives. They were dark, drive black into their never seen in the road and hardly moved one of them. I had this act, exactly like rabbits. The museum next door, is a five story structure.
Breath over much space near the forest garden. The museum contains a large series of fossil shells. Some number of the representatives also many great shells including the玑甲 with barn attached. Of ancient species Erythrophora domesticum. The recent horse (Orohippidae) was also illustrated by a full mounted skeletal. A remarkable extinct beast was a large camel (Macrocheirodi). There was a large saber-tooth tiger of the pampas. Several rodents were also
been in the collection, a good collection of whales from the Plata mouth in one of the halls. The mounted thing of unusual included many of the principal living things. The whole natural history exhibit was very extensive & quite as in size to be in the Field Museum in U.S.A.

18 Went to the Zoo with Renaut & Wilson of the Camb. Embassy. The keeper, Mr. Oselli took us around but he spoke only a few words of English. At his house in the park he had changed in the yard a tame jaguarundi, a half grown puma & a very affectionate...
pray for or crab. acting for,
when petted it uttered a
plaintive low moaning sound.
The & clump around, which
rides about the park made
a cigarette he gave it & was
very appreciative of him.
The large bull hippo
musk-hg  fell from the fence
often from when he called
it + came up to the fence.

Kerris + I visited
the National H. H. Museum
on Penn Street. we met
its director + the ornith.
Mr. Barberee, who showed
us about. The museum
has many cases of
mounted acc. to
skeleton, & fossil
of the parbass. The
collection is even larger than the La Plata Museum in number of species but far less number of fossil mammals. Si. Harbene gave me several large paper monographs on the birds of Argentina which are very complete and well printed. He has divided the Argentina up into 4 formal regions which are in a vegetable and mojialc [illegible] largely. In the past 7 days we have had heavy thunderstorms or night showers 8 to midnight. We took several trips in the new subway which is well built with fine stations. Every station of the pavements have been brought from Europe. America as balloon, nothing coming by rail from the Andes this fall. The population here largely Italian, many of these speak only a mixed Spanish-Italian.
20. Took the Verdi at La Plata at noon. R.K. took me to the station. The dock at La Plata are situated well inland on long canals. All afternoon we loaded carcasses of beef and did not get away until 4 P.M. The night was clear & moonlight and the journey across the la Plata was choppy but not rough. The water brown was unusually to frame color as invisible. Reached Montevideo at 8 A.M.

21. The harbor of Montevideo is well protected by breakwaters of large size. From an anchorage the city extends in a half circle around the whole shore line. A low hill crowned by a fort on the land side of the city is a prominent feature of the landscape. Went ashore at 11 A.M. with Barry Brown.
Wheeling W. Va. The town consists of several homes on a 2 stories site situated on a long point or headland. The chief division lies to the north and includes the streets differing off at an acute angle to the ocean on one side & the bay on the other. The S乐观 The salt is a marine design but most of the buildings are like the New B. A. Those streets are quiet less long than B. A. The undersea cafe is seldom seen. The plays are never artistic like B. A.

Several large packing plants occupy sites on the bay shore. Stay cool & clean. Left at 8 P.M.

22. Sea smooth with a shower or two & cloudy weather.

24. Weather clear with blue
dry shrift. S.3. Trades blowing
briskly, and a few white
caps. I have a steady view.
The S.3. Trade has certainly
come from west of last night.

25th 7 A.M. we were a few
miles off Rio de Janeiro.
About 5 miles N. of coast.
Before us loomed the great
granite-like mass of Stone (the
mausoleum). The terrific top of
solid granite rock reaching
over 1500 ft. high. Beyond it is
the mouth of the harbor toward
the central dome of the jagged
rock mountain. Harbor over
a high peak with a perpendicular
peak with a building on the
summit. It is from so Figueroa
Coronado. The sculptured
high pinnacles are all gray
granite. Their sides are smooth
masses of the same rock.
In effect they look much like the Puna deserts of
Walden's Pichincha, as regards geological
structure. Everywhere the
country was bordered by virgin
tropical forest except where
rocks slid over steep and
smooth. Palms
were everywhere prominent feature
of the hillscapes. Near the
entrance of the harbor were
several low hills of a rounded
cliff and dotted yellowish sand;
formation surrounded
 swirling waters by a heavy forest
of palms and other trees. On one
and of the entrance formed the
gigantic Sugar Loaf, on the other
a stone milled fort, while in
the middle of the channel
a row of small white work with casas
magnificas & dispopinques
barred the way. Just ahead
the city lay covering several
mile hilly & liming th
beach, Vermont at whole
crenner shaped length-
Halter lock, ishapen esue
cone could be even known as
Troika + still fault sness
and the leaning to the N.W.
the spire of the Organ mountain
approach in various gogogil
+ pinwheels shper. to foot
feel in altitude. The more
picturesque baths exist than
this and all that's needed
for an intimate paradise
was snow & ice on the
higher peak. A glacier atop
perhaps, We reached the dock
about 10 AM & went ashore
with Rose & their to view
the city. We took a trolley
on along the boulevard to the
Botanical Garden. The street
was lined by regent house
and every architectural design
and tall highly ornamentation
The façade of the palace is three stories high, with a small house with a garden in front. The two of the main avenues are lined with a central line of tall, thin, and leafy trees, and the streets generally are very narrow, with cramped sidewalks. The Botanical Garden is a large and prominent place with many giant palms and the royal palms, a great variety of exotic palms, all seemed very rare.

Also many species of flowering trees. The Para Rubber Tree

Hevea brasiliensis was seen in the garden. It had the appearance of a very large shrub with dark green foliage and a gray mound of bark.

The Brazil dry wood, a legume, made the tree look much like a scrub oak in the wood but not in the leaves.

Naranja, Mysagaris
They were seen in a small Brazil nut tree. The collection represented only a small proportion of the tree, a Brazil nut. The zoo is said to be almost devoid of animals much neglected. Before leaving the city proper we visited the fish market at 11 A.M., but it was almost closed at that late hour. Seabass, swordfish, smelt, mackerel, Norwegian cod, sole, snails, crabs, crayfish, eel, fish, squid, octopus, oysters, clams, snails, and shrimp were displayed for sale. The wall of the building was covered with paintings and statues, including a large statue inside the Opera House. Everywhere on the streets, plazas, and parks were bronze statues, squares, and parks, more bronze statues.
was a fountain of scented flowers. We visited the art school nearby. Here the students worked mostly in painting. Nude models were used to make drawings. The models were frequently young girls who represented as in life. apparently, these artists did not integrate any female models in their works. The people almost turn me to the half of negro blood on admission. The complexion was as white leathery brown or chocolate colored. This is an marked contrast to the blond European appearance of Argentine Chile. Uruguay. The wealth of the land, however, consists chiefly in coffee, cattle, and fruit. As for the grains, the commercial value.
26-27

Visited the coast

Left the yard at Rio yesterday at 5 P.M. Have dropped anchor again in the mouth of the river as no boats are allowed to leave until dark or sunset. Bay pretty close to land.

27

Weather conditions the same as ours and in the sight.

28

Reached Bahia at 7 P.M. and dropped anchor for our weather party that we left again at 9 A.M. no passengers went ashore. From the anchorage the town could be well seen. It consisted of a large port former the beach and an upper residence part with elevators and winding roads.
connecting the two sections. The building all had an old weather appearance and seemed very ancient. They were of Spanish design made of mortar with tiled roofs. Many churches or cathedrals could be seen if the building was said to be more numerous here than elsewhere in Brazil as this is the city in the ecclesiastical head of the country. The part of town is on the north shore of the great bay which is 40 miles across and few shores backed by prairies and cultivated country. Fishing boats with lateen sails were numerous in the bay.
Explanation: I can see the coldness of the water in the Strait of Japan. The opposite in midsummer directed the current, bringing from the Antarctic a great variety of sealife.

[1] Day clear shot with a high stern on south-eastern breeze. No land in sight, 15 degrees or less.

Feb. 1-3 Weather clear with very light breeze from 8E,5E. South Equatorial current strong, adding about 30 knots a day to the ships near the mouth.

[4] Reached Barbadoes at 4 P.M. in clear weather with a light breeze blowing. The island is low, its Beak formation and their different from the
neighboring Windward Islands which are all volcanic with peaks of 2000 to 4000 feet in height. The Barbudans are only 800 feet high. The Island rises in a series of coral rock terraces. The broad level central plateau. This is everywhere green with cane fields in places with groves of trees and palms, a prominent feature of the landscape are old Dutch windmills and sugar factories with their tall chimneys and smokestacks. The population is negro with about 90% negro the negro being of the small caribbean type with small features and often much white mixture. They speak only English apparently. The port of Bridgetown is small with a few ships and narrow streets. Curious stores carry a good stock of stuffed birds, alligator skin, etc.
cordy, head mark, etc. We remained at anchor until 10 A.M. most of the passengers spending the time at the hot tub and saunas.

5 Sean smooth with excellent sky part of time. In the afternoon we were directed east of the island of Martinique which has bold sloping sides and a truncated top on neither grassy nor sandy like a tableland. At noon we were in sight of the island of Martinique which had a sharper and higher cone than sandalwood. No sea birds were seen and to me were in sight of islands nearby that day.

10 Blustery evening in lower bay at 9 P.M. Weather last day smooth.
with overnight stay but not very chilly.

11. Arrived on anchorage we could see the snow covered shore of the bay. Left anchorage after doctor's written clearance at 8 AM & at reached the dock at Brooklyn at 10 AM. Stuck until 11 however to get baggage than customs home. Went with R. V. 28 across on the ferry & took room together in Hotel Manhattan.