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BOWIE & CUNNINGHAM'S JOURNAL
(BRAZIL - 1814--1815)

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1814-17

A JOURNAL OF THE PROCEEDINGS OF Mr.
BOWIE AND MR. ALLAN CUNNINGHAM, HIS
MAJESTY'S BOTANICAL COLLECTORS SENT
OUT TO RIO DE JANEIRO TO COLLECT
PLANTS FOR THE ROYAL GARDENS AT
KEW.

18/5
 12/5
 13/5
 we took a walk towards the Sugarloaf, an high Peak at the mouth of the River, on the road side, where and down, found some good plants in flower: viz. *Heliotropium hirtum*? *Hypericium* sp. a fine *Periploca* sp. with cordate and rather oblique leaves, *Bursera* sp. - *Lantana venusta*, *seneciata* & *nigra*, *Arum* sp. a plant with a compact base, with several other plants we could not determine, & make out, all growing in low wet, and at times, boggy situations, especially the *Heliotropium*. From the natural habitat of these *Heliotropium* it is evident that in a cultivated state they should be kept almost entirely in water. Returned home, put our specimens in paper, and wrote in Journal from 7 to 10 o'clock P.M.

14/5
 12/5
 13/5
 Sunday. Morning fine but had the appearance of rain. Took an excursion all the way on the Road to Santa Cruz, with the following plants not mentioned before: *Regonia* sp. with white flowers, *Polypodium acrostichum*, *Solanum* sp. with white flowers, *Chaparral* (Persoon) not in flower, with some other. The birds of many plants only seen. Fine the whole of the day.

15/5
 12/5
 13/5
 Sunday. The weather seems now to be clearing up, tho' towards evening cloudy with lightning.

16/5
 12/5
 13/5
 Monday. Morning particularly fine. Collected a few specimens on the opposite side of the River at Santa Cruz, viz. *Heliotropium* in flower, *Periploca americana*, *Sordia glaucescens*, *Bursera Chaparral* sp., *Persea Abouai*, *Pisonia* *coronata* (Persoon). In the afternoon, walked up the side of Santa Cruz. By the side of the Road leading to the Sugarloaf head, we collected a few seeds, and specimens but were overtaken in the rain. Returned home in the night with Thunder and lightning.

17/5
 12/5
 13/5
 Tuesday. Rain with lightning most of the last night, and dark and rainy. Spent this day in arranging the specimens collected yesterday. The chief of which were, *Salicaria* *pentaphylla*, & *peruviana*, two of *Commersonia*? *Solanum* sp. *Regonia* sp. with very small flowers; another sp. with bipinnate leaves of the genus *Persea* (Persoon) a *Schinus* plant like *Chaparral*, *Euphorbia polulifera* & *Arum* sp. *Alimom* sp. always rough, but not high. All the above plants (excepting *Regonia* with bipinnate leaves) seen in full beauty. The specimens we got of the *Regonia* was the only one; we met with some other plants of it, without leaves. Rain again began about 4 o'clock.

A journal

of the Proceedings of all those who
and Mr. Allan Cunningham His Majesty's Natural Collector sent
out to Rio de Janeiro to collect plants for the Royal
Gardens at Kew.

1814

Oct. According to appointments and instructions given us, we embarked
on board His Majesty's Ship *Porpoise* at Spithead on
October 18th, for Rio de Janeiro, with a west wind, but many
contrary winds springing up we put into Plymouth Sound, where
we continued, waiting for fair winds and survey, till the 29th
when we got under weigh with a fair wind and made sail
on our voyage, not making any stay during the whole voyage. We got
in sight of Cape Horn on the 25th December, and came to anchor
in the Harbour on the 27th. On the 29th we went on shore to
see the Lieutenant commanding His Majesty's Mission to Brazil, but
his Lordship being from home we walked a little about the
town, and then returned on board ship.

Dec. 30. Arrived this morning at Mr. Litchfield's house, where we
were the evening before, who by his Lordship's desire, told us
the full story of the voyage and the 2nd January. We took a
short walk about the environs of the town, the most remarkable
plants we saw were the following, viz. *Barbarea viciata*, *Croton*
Andria, *Sorbus vicaria*, *Samolus* & two or three *Santanderi*.
Adiantum & *Asplenium* & *Asplenium* & two, and a *Strawberry* *Eupatorium*
all these were in flower.

1815

January 1. Monday. Remained on board this day.
2. Tuesday. According to appointments called upon His Lordship, who
received us very politely, but informed us, that he could not immediately
give us any instructions relative to our future proceedings, but that he
would be able to do so for us to remain quiet for a few days, till his
Lordship had an opportunity of offering our services to the Portuguese
Government. - On this day took lodgings in the town, and
very preparations for leaving the ship, and getting our boxes & chests ordered.
We had considerable difficulty in procuring a private lodging, and the
appointments we have taken, we let to us at a high rent. - Returned
on board.

3. Wednesday. Very heavy rain, which hindered us from going on shore.
4. Thursday. Rain continued most part of this day.
5. Friday. Loaded our boxes and chests at the Custom House. Took
possession of our lodgings at 10, 11 & 12 (2nd 2nd 3rd) St. John's. Rain in the
evening.

Monday. Holiday with the Portuguese, who keep the day as a
public holiday. No business done. Rain at night.

Tuesday Thunder and Lightning with very heavy rain, so that we
were prevented from stirring out.

Wednesday. Rain most part of this day. Remained within.

Thursday. Called upon Lord Langford, and his Lordship's Secretary
who informed us, that his Lordship had procured a pass for our
luggage at the Customhouse, from the Portuguese Revenue Minister.
But for his Lordship's kindness in this respect it would have
been extremely difficult, and perhaps impossible to have our
books passed without a very strict examination, books being
considered contraband, either as merchandise, or for private use.
Portuguese books in particular. Having undergone the form
of a slight examination, the books passed them, and we got them
from our lodgings. Spent the remaining part of the day in writing
papers etc.

Friday. Continued writing and arranging our papers. - On the
evening took a walk to the very front of the town and saw there
a small hill in the shape of a sand, which we took to be a
remnant of a volcano, it is a native of the Portuguese -
colonization. On the hill were some small trees,
mostly of the species of *Trichocereus* sp. - on the hill, I observed
with abundant leaves with white thorns. - The vegetation
of the town, is barren & indigenous plants, on account of
drought, and small cultivated spots of tobacco in the

Saturday. Morning dark and cloudy with rain: cleared up
about 12 o'clock. - Went to the Police Office to present
our names, being new residents. Office was shut - Went to a
very heavy shower of rain accompanied with thunder & lightning
- that most part of the night.

Sunday. This day was particularly fine. Went again to the
Police Office, by order of Lord Langford, who desired us to
signify at the office our intentions of residing at Rio de Janeiro
for a time, but no papers at the office understanding us
we were obliged to return, without carrying our pass, which
we afterwards found, was only a form. In the Police Square
found *Monnina* *Decease*. Took an excursion in the afternoon
found nothing particular, saw the same species of *Amaryllis*
in the Public gardens, that we saw at St. Louis. The
Opuntia *valgata* on one of the rocky sides of the hill
in the garden. - The heat in the middle of the day, we
found to be very disagreeable. Lightning in the evening.

Monday. Morning fine; prepared our papers, examined our
books for particular in General. Expecting Lord Langford would
be coming to us, it kept us a little confined. In the afternoon

1815
May 12

Monday

we took a walk through the sugarloaf, an high Peak at the mouth of the River, on the road side, where and there, found some good plants in flower viz. *Chelostoma hirta*? *Alseodaphne* sp. a fine *Persea* sp. with cordate and rather oblique leaves, *Baccharis* sp. *Centrosema striata*, *sanicula* & *rivera*, *Arum* sp. a plant which we cannot name, with several other plants we could not determine. I made out, all growing in low wet, and at times boggy situations, especially the *Chelostoma*. From the natural habitat of these *Chelostoma* it is evident that in a cultivated state they should be kept almost entirely in water. Returned home, put our specimens in paper, and wrote in Journal from 7 to 10 o'clock P.M.

12th May
Tues
Wed

Monday. A morning fine but had the appearance of rain. Took an excursion at 10 o'clock on the Road to Santa Cruz, with the following plants not mentioned before: *Regonia* sp. with white flowers, *Polypodium crinale*, *Heliconia* sp. var. *sp.*, *Chaptalia* sp. *Persea* not in flower, with some other. The road of many plants only along. Done the whole of the day.

13th May
Thurs
Fri

Tuesday. The weather seems now to be clearing up, tho' towards evening cloudy with lightning.

14th May
Sat
Sun

Wednesday. Morning particularly fine. Collected a few specimens on the opposite side of the River at San Juan, viz. *Chelostoma* in flower, *Sapota americana*, *Cordia glauca*, *Baccharis* *Chaptalia* sp., *Persea* *Abouai*, *Bignonia* *comp.* *sp.* in the afternoon, walked up the side of Santa Theresa, by the side of the Road leading to the Sugarloaf head, we collected a few seeds, and found but was overtaken in the rain. Returned home in the night, with Thunder and Lightning.

15th May
Mon
Tues

Thursday. Rain with Lightning most of the last night, dark and rainy. Spent this day in arranging the specimens collected yesterday. The chief of which were, *Salicaphysa pentaphylla*, & *peruviana*, two of *Commersonia*? *Chelostoma* sp. *Bignonia* sp. with very small flowers; another sp. with bipinnate leaves of the genus *Curatella* (Persea) a *Didymopanax* plant like *Chaptalia*, *Euphorbia pilulifera* & *Persea* sp. *Alimou* sp. always rough, but not light. All the above plants (excepting *Bignonia* with bipinnate leaves) were in full beauty. The specimens were put in the *Bignonia* was the only one; we met with many plants of it, without leaves. Rain again began about

18/5	January	St. Black. P. R.	and incessantly continued thro' the night
19 th Jan	70	Wednesday	Rain began to abate this morning, fair at 9.4.0. Went up the slope in Santa Theresa, abt the Aqueduct and found many handsome plants in flower particularly <i>Epiphan</i> sp. etc. etc. We beheld a wonderful variety of <i>Androsace</i> , <i>La. Barne</i> , <i>2. Abietina</i> sp. and small ferns. A <i>Silene</i> plant resembling <i>Silene</i> sp. <i>Androsace</i> <i>Sagaria</i> some of <i>Jaquima</i> etc. etc. etc. one double, different from <i>S. villosa</i> etc. etc. <i>Jaquima</i> sp. is gathered by others. We were now overtaken in the rain, which obliged us to hasten to descend for shelter, a large party being attached to us.
19 th Jan	71	Thursday	This morning we rode to the Hacienda de San Grande, wishing to see if there was any difference in the Vegetable Productions of its hills from those of St. Sebastian, but found nothing particularly different from what we have seen. At St. Sebastian, except an <i>Amangelis</i> etc. which we found upon the Hill Progenza, only in leaf, also one of the <i>Cochise</i> , and <i>2. Melastoma</i> not seen before, <i>Sagaria</i> sp. with a glandular calyx and yellow flower, with some others, not able at this moment to verify. San Grande is mostly sea shore except the mountains which are hard granite, in general covered with trees (in a stony earth) scarcely perceptible. St. San Grande is to a S. distance from St. Sebastian, our anxiety to penetrate, as far as possible, led us considerably farther than we intended, and the heat began to be intolerable as we occasionally left the thickets for the open spaces which are few, so that we did not leave San till 9.0'clock P.M. when we were completely drenched in a thunder storm. Rain continued with intermission all night. On our arrival at our home, we were so completely fatigued, as to be obliged to lie by, being sick and weak.
20 th Jan	80	Friday	Rain nearly the whole of the day, very long out of the house, sick and scarcely able to stand occasioned by the great exertion yesterday.
21 st Jan	81	Saturday	Morning fine, but very slow; in evening

1815
January
21st Thunder of an earthquake remained at home, turning the morning
Specimens - Thunder Lightning & Rain in the afternoon
The cause of this day was recorded considerably

2.00 85
3.00 86
4.00 82

22nd Sunday Morning fine, but very close & sultry.
Thunder storm in the evening.

12.00 85
3.00 84

23rd Monday Morning very hot and sultry. Remained
at home throughout the morning, and was appointed -
at 10.00 (25th inst) for an audience. This is
the hottest day yet, since our arrival, being very
close. Sorting and turning specimens which were very
bad. Being this leaves, which we think is occasioned
by the electric air in the atmosphere. Walked up the
Monte de Santa Theresa, along the Aqueduct, chiefly in
search of seeds, when we met with a plant allied to
Malpighia glaucochloa &c. two ferns not met with
before, a Mexican plant seed list 9th 10. collected
seeds of *Begonia* sp. *Durichampia pentaphylla*,
Tournefortia hispida and *Tomentosa*, *Euphorbia pilulifera*
and some few others. Dark when we left the mountains.

24th Tuesday Morning very hot and close. Being late home
last night the specimens (and seeds we collected, gave
us ample employment the whole of this morning.
Took an excursion in the afternoon to Guadalupe. 10.00
of the City. collected seeds of *Leonotis nepetifolia* &c.
returned early, the weather being very hot and close.

25th Wednesday Morning very hot and close. Remained -
at home sorting and arranging specimens. Took a walk,
up the Mountains collected seeds and specimens of the
sp. of *Cloranda* (Lecan.) *Bignonia* with purple flowers
and *Epineurum* leaves. also specimens of another sp. of
Bignonia with yellowish green flowers. allied to the
B. fluvialis of Aublet.

26th Thursday This morning very early. According to
appointment we waited upon Mr. Knapp, and his lady
Sunday also seemed us to call tomorrow (27th) this
day being excessive hot, and very little to be gained in

1815
 January 21
 Sunday
 This day the time, one hour before allotted for our Evening Walk (from 4 to 7) we made no Country excursions

27th 6.11.84 Friday. Went to Lord Strangford's, but this being a fast day with the Portuguese, appointed tomorrow for a final settlement of our affairs. Returned home, morning cloudy, with appearance of rain. In the afternoon from 3 to 7 o'clock, we were upon the Mountains, collected of a Tetrandrous plant allied to *Cornus*, got specimens of a few other plants not seen before, especially ferns. *Cissampelos* *Cyrtis* in fruit in a garden near the Convent of Santa Theresa, ^{on the hill} leading up the Mountain.

28th 6.11.84 Saturday. Waited upon Lord Strangford again this morning (who went to the Marques d'Anguira,) from whom we learnt that passports and Permission for our travelling into the Interior were ready, but it remained yet to be submitted to the Prince, whether we should travel half at the expense of the Portuguese Government. Lord Strangford obligingly offered us a letter of introduction to the Director of the Botanic Garden, provided we would wait at his Lordship's house on Monday next, which we promised to do. Returned home, being rather worn, found specimens, and sorted seeds collected yesterday. This day it was not action, as usual the weather setting in, as early as 1 o'clock. P.M.

29th 6.11.84 Sunday. This day was very fine. Breeze from the Sea.

30th 6.11.84 Monday. Morning fine and calm. We waited, by appointment upon Lord Strangford, who gave us a letter of introduction to the Curator or Director of the Portuguese Botanic Garden which is directed as follows

D. N. Almeida
 Director do Jardim Botânico
 do Real Palácio de Queluz
 Lisboa
 P. N. Almeida
 P. N. Almeida
 P. N. Almeida

6/1815

January 28
Cont.

From the time we have before allotted for our Evening Walk (being from 4 to 7) we made no Country excursions

27th 6.1.83 Friday. Went to Laa Strangford, but this being a festival day with the Patagonians, appointed tomorrow for a final settlement of our affairs. Returned home, morning cloudy, with appearance of rain. In the afternoon from 3 to 7 o'clock, we were upon the mountains, collecting of a tetrandrous plant allied to *Conus*, got specimens of a few other plants not seen before, especially ferns. Saw *Proserpinaca* Cypris in fruit in a garden near the Convent of Santa Theresa, leading up the Mountain.

28th 6.1.83 Saturday. Waited upon Laa Strangford again this morning. He went to the Marques d'Anguira, from whom we learnt that passports and Permits for our travelling into the Interior were ready, but it remained yet to be submitted to the Prince, whether we should travel half at the expense of the Patagonian Government? Laa Strangford himself offered us a Letter of Introduction to the Director of the Botanic Garden, provided we would wait at his Lordship's House on Monday next, which we promised to do. Returned home, being rather warm, found specimens and other seeds collected yesterday. This day it was not so hot, as usual the sea breeze setting in, as early as 1 o'clock. P.M.

29th 6.1.83 Sunday. This day was very fine. Breeze from the Sea P.M. 5.5. A.P.M.

30th 6.1.83 Monday. Morning fine and calm. We waited, by appointment upon Laa Strangford, who gave us a Letter of Introduction to the Director of the Botanic Garden. Directed as follows

L^{to} M^{rs} de J. Gomes

Trinta e Seis dos R. 8^{tos}

Inspector do Jardim Botânico da Lagoa

do Rodrigo de Freitas no Rio de Janeiro

3.3.1815. Lagoa da Lagoa do R. de Freitas

Very calm before 12 o'clock, but the sea breeze setting in

1815

July 30th
cont.

about 12, it became much cooler and again in the afternoon upon some strangers, left word that we had determined to go to the Palace, this decision his Latship required of us, in order that the passport might be made out accordingly.

31st July 35

List of

Tuesday. Went this morning to the Portuguese Botanic Garden, where we were very politely received by the Superintendent before mentioned. The principal and remarkable varieties of the garden are *Artocarpus incisa* & *integrifolia*, *Laurus cinnamomea*, *Amphora* & *Bacca*, *Eugenia caryophyllata* (*Caryophyllus aromaticus* Linn.) *Myrtilla maritima* & *slatifera*, *Ardisia*, *Bilimbi* & *Caraculola*, *Alouatta* *tulaha* in fruit, with a few others of the like nature.

Two species of Tea were here growing very fine, being planted in beds, some of the leaves had been pick'd for use. The gardens were in a very neat and regular order, and to infinite credit to Sr. James the Inspector General, who is the only person among the Portuguese that we have met with, who is scientifically acquainted with plants, he showed us a specimen of a *Portulacaceae* plant of the *Convolvulaceae* with white flowers which we had seen before, & have dried specimens, it is a new genus.

While on the road to Lagoa de Trilite we were overtaken by a thunder storm, and which destroyed some valuable specimens, we intended to collect on our return. Collected specimens of *Salicaphysa* sp. *Cochlospermum* sp. *Melastoma* sp. *Indica* *guineensis*? *Guaiacum* sp. seeds of *Heliconia* *lupulifera*, *Harporhiza* sp. bearing this date in the herbarium. The production of this part similar to that of the Mountains before described.

July 1st

36

Wednesday At home sorting specimens and seeds, collected yesterday, very warm and clear, till about 11 o'clock & then

37

when the breeze sprang up. In the afternoon went in search of some seeds, we expected more ripe, but those

38

had been destroyed by battle, got specimens of two

39

new sp. of *Polygala*, *Gynandrium grandiflorum*, *Coriaria*

40

Cardiasterium sp. *Thymonia* sp. allied to *floridulibis*, we had specimens of this before, but being difficult in drying, they lost all leaves and flowers. This would be

41

a most desirable plant in the herbarium of the Royal Gardens

42

flowering very freely, when only 2 or 3 feet high.

1815. *Journal*

July 2nd 1815

Thursday. Went according to appointment upon Lord-
 Strafford, not seeing his Lordship one returned home -
 shifted specimens and seeds. In the Evening went a short
 distance on the Santa Cruz Road, but found nothing of
 consequence.

Friday. Morning very clear. In the afternoon went up
 the mountains, in quest of seeds and specimens, when (by
 getting more upon the heights) we met with a few (4 or 5)
 new specimens, but no seeds. The mountains being covered
 with (and creeping plants, very little progress with respect
 to distance can be made. The plants we found were -
Epiphan sp. nov., *Echinocaria* sp? *Ruellia* a *Glaucium*
Plantago acutifolia R. & S. *Andropogon montanum*, a
Polyadelphus plant of peculiar habit, with some others.

Saturday. Atmosphere thick and cloudy, & there had
 been lightning most part of the night. Examining and
 shifting specimens collected yesterday. They appeared as
 follows: a beautiful tetrandrous plant, having its calyx
 peduncle and corolla of fine blue, the general habit
 of *Gilia*. *Desmodium arifolium* (R. & S.) *Galium bifolium*
Stachys sp. *folia lanceolata* acuminate undulate, and a
 tetrandrous plant (Jasminoid) having leaves like *Stachys*
 the gardenia *Thunbergii*.

Sunday. Morning fine atmosphere thickening up for rain.
 Fine breeze in the afternoon. Went to the Hospital
 Band; an almost barren rock. *Calceolaria*, *Heliconia* and
 a sp. of *Stachys* being the principal produce.

Monday. Morning very fine but clear. Went to Lord
 Strafford, to enquire whether the Portuguese government would
 furnish us with slaves, having made such a proposition to them.
 His Lordship was from home. Saw Mr. Sampson the Lordship's
 secretary. In the Evening found no plants worthy of notice.

Tuesday. Made an excursion to the Mountains, directing
 our course to that part known to Irish Settlers, by the
 name of Lord Hook's Nose. It is there the spring, which supplies
 the town with water, rises; our principal object was to find
 a place for packing, a scarce article here, and which we
 could not meet with; however we collected several seeds
 and specimens, not met with before viz. 2 *Epiphan* sp.; the
 one (No 1) growing upon light vegetable earth, resting by the

- July 1st 1844 St. Thursday. Went according to appointment upon land -
 12.0 33 at Angford, not seeing his Lordship we returned home -
 4.0 41 shifted specimens and seeds. In the evening went to a boat
 4.0 41 to Durtane on the Santa Cruz road, but found nothing of
 consequence.
- 3rd 5.0 55 Friday. Morning very damp. In the afternoon went
 5.0 56 to the Mountains, in quest of seeds and specimens, whereby -
 12.0 90 getting more upon the heights we met with a few (or two)
 4.0 92 new specimens, but no seeds. The Mountains being covered
 with low and creeping plants, very little progress with respect
 to distance can be made. The plants we found were -
 Epiphan sp. nova, Echinocarpus sp? Ruellia a Yucca
 Manettia aculeifera Broom. Pteridium montanum, a
 Polyadelphina plant of peculiar habit, with some others.
- 4th 6.0 68 Saturday. Atmosphere thick and cloudy, & there had
 12.0 69 been lightning most part of the night. Examining and
 4.0 68 shifting specimens collected yesterday. They appeared as
 follows, a beautiful tetrandrous plant, having its calyx
 peduncle and corolla of a fine blue, the general habit
 of Cissampelos. Persea arifolia (Broom) Galipea bifida
 Pteris sp. folia lanceolata serrulate undulate, and a
 tetrandrous plant (Jasminoides) having leaves like those
 of the gardenia Thunbergii.
- 5th 7.0 79 Sunday. Morning fine, atmosphere thickening as for
 8.0 80 Fine breeze in the afternoon. went to the Hospital
 12.0 90 Island; an almost barren rock. Cuba better than this
 and asp. of it being the principal produce.
- 6th 8.0 87 Monday. Morning very fine but clear. Went to land
 9.0 88 at Angford, to enquire whether the Portuguese Government would
 furnish us with slaves, having made an application to them
 His Lordship was from home. Saw the Surgeon Dr. Lindsay
 at home. In the evening found no plants worthy of notice.
- 7th 9.0 90 Tuesday. Made an excursion to the Mountains, visiting
 our house to that part known as the White Mountain. In the
 name of Lord How's place. It is here the ferns, what appears
 to them most remarkable, were our principal object was to find
 a spot for parking, a narrow dirt road. We were
 about a mile and a half from the house and collected several seeds
 and specimens, not met with before. 13. 2. Epidendrum, the
 first (1844) growing upon both the White Mountain, being by the house

July 2^d 1815 *Thursday*. Went according to appointment after Lord-
 Strafford, not seeing his Lordship one afternoon before -
 shifted specimens and lects. In the evening sent a short
 distance on the Santa Cruz road, but found nothing of
 consequence.

3^d 1815 *Friday*. Morning very clear. In the afternoon went up
 the mountains, in quest of seeds and specimens, whereby -
 getting more upon the heights we met with a few (4 or 5)
 new specimens, but no seeds. The mountains being covered
 low and creeping plants, very little progress with respect
 to distance can be made. The plants we found were -
Epiphan sp. nov., *Econocaria* sp. ? *Puccinia* or *Uromyces*
Manettia acutifolia Bosc. *Psidium montanum*, & -
Myrsine plant of peculiar habit, with some others.

4th 1815 *Saturday*. Atmosphere thick and cloudy, there had
 been lightning most part of the night, burning and
 shifting specimens collected yesterday. They appeared as
 follows: a beautiful tetrandrous plant having its calyx
 peduncle and corolla fine blue the general habit
 of *Scilla*. *Coronaria arifolia* Bosc. *Galium ligulata*
Stachys sp. foliis lanceolatis serratis cundulatis, and -
 tetrandrous plant of *Geraniaceae* having leaves like *Geranium*
 the garden *Thunbergii*.

5th 1815 *Sunday*. Morning fine, strong breeze blowing from the
 S.W. Fine breeze in the afternoon went to the hospital
 blind: an almost barren rock, but better than the
 rest of the land being the principal produce.

6th 1815 *Monday*. Morning very fine but the wind to Lord-
 Strafford, he arrived at the *Elizabetta* Government and
 passed on with slaves, having not anticipated it then.
 His Lordship was for some time in the temple. His Lordship
 returned. In the evening sent me of first and only of the

7th 1815 *Tuesday*. Went on the road to the mountains, finding
 our course to the point where we wished to arrive. The
 view is not very fine. It is the same, what appears
 the same with better view, and I repeat it is the same.

1815
July 7th

of a few succulent plants on the Rocks, with the water running -
continually thro' it and the other (No. 2) upon the other of the
high tree. I tried the parasitical growth of a sp. of *Ficus*, being
a young plant, placed on the side of a large tree about 50 ft
from the ground, and which *Ficus* was making roots to reach
the Earth, so precarious was it of life. - This Mountain
is 700 measured feet; above the level of the Sea.

8th July 86 Wednesday. The specimens collected yesterday, and with which
we did not get home till late. found us sufficient
employment - for this day. Among the specimens were
a sp. of *Adiantum*, *Echites* nearly allied to *peruvianus* *maritimus*,
another of the *Apocynum*, *Smilax* sp. &c.

9th July 85 Thursday. Starting early in the morning. The incident
of a British Man of War, having arrived, (and being under
sailing orders for England), makes us anxious to embrace
before some good seeds &c. - On the following
this afternoon, got a specimen of the Genus *Prothodora* from
also another *Prothodora* not met with before, & a striking
Epidendrum: (2 seeds No. 3. - Heat very great this day
no wind. Rain rising at 3 P.M. - Great Thunder.
The plants on the neighbouring hills already beginning
to flag with drought.

10th July 82 Friday. A very heavy shower about 10 o'clock, & all
clouds soon after. Cloudy at 1 o'clock, & the rain
most part of the day. Went to the Hotel Generali to
try what information we could obtain with respect to
the island travelling. The results we received were
unsatisfactory and contradictory. - I tried specimens
of the remaining *Adiantum* of the day.

11th July 78 Saturday. Continued the morning to sort specimens ready
for packing. Having for the first time this, and the previous
day seen much cooler than what we had been used to only
see up all the week. Specimens we had by us.

1815 the ground before.

July 12th 82 Sunday. Morning fine and cool, light clouds, sun out at 8 o'clock. S.W. Lightning in the Evening.

13th Jan 82 Monday. Morning calm, cloudy. On the mountains the
Jan 82 8 o'clock S.W. found a sp. of *Smilax*, *foli. peltata*.
Jan 82 another of the *Agave* and *Agave* abundant, and the *Agave*
Jan 82 much is (2) so collected seeds of a few other plants viz
Jan 82 No 84, 85, 86, 87, 88, 89, 90, 91. of seed lost in the afternoon
and evening. I was informed about the vessel and
to be under way for England, and likewise for our support
and other matters on the government, when the answer was
received, made us expect a long time delay. In the
afternoon went up the mountains where we met with
specimens of *Castilleja parviflora*, *Persea*, *Cacti*, *penicillata*, and
substantially *gymnangulata*, *Spinis* *laevigata*, *canis* *apic*
lyptus - very distinct from *C. penicillata*, *Ad.* vol. 32. *gymn*
one of the figures of the *Ad.* - a fine *Castilleja*
abundant, seeds of *Nautilia* sp. *Dryopteris* *minor*, *fragaria*
americana *americana*? *Diacaena* sp. *Incenset* *Piper*
not infrequent with some others. - A very heavy thunder
storm coming on about 3 o'clock. At 4 o'clock, S.W. obliged
as to descend.

14th Feb 82 Tuesday. Morning cloudy, with appearance of Rain. Went to
Feb 82 the mountains. I collected seeds of *Polypodium* sp. (100)
Feb 82 *Melastoma* sp. 1899 - specimens of *Meriania* sp. this
are found growing on the other side. (we got the seeds)
in craggy places, under high trees, and in the plant -
stems being about 10 inches. From its situation in decayed
Vegetable Earth, *Dec.* with a mixture of such, we presume
will be most proper for its growth. A small *Terra* *athera*
to the side of a rock. *Cypripedium* *partita*, when we first saw
the plant, it was in its winter, without leaves.

15th Feb 82 Wednesday. Morning fine, light breezes, cloudy, went to the
Feb 82 Customs Office, one of the gentlemen of the office, having presented
Feb 82 us information with respect to the Road towards *San Paulo*.
Feb 82 Shipping Specimens and seeds, - finding seed *Caput*.

1815

July 12th

the ground before.

Sunday. Morning fine and cool, light shower, sun out at 8 o'clock. S. M. Lightning in the Evening.

13th Jan 82 Monday. Morning calm, cloudy. On the mountains till 4 o'clock. S. M. found a sp. of *Smilax*, *foli. petiol.*
 Nov 81 another of the *Ciguaniaca* not before obtained, and the same
 Jan 82 is (2) 2^d collected seeds of a few other plants viz
 No 84, 85, 86, 87, 89, 90, 91. of seed list. In the afternoon
 was engaged at Lord Mansfield's about the vessel sent
 to be under orders for England, and likewise for our supplies
 and other demands on the Government, when the answer was
 received, made us expect a long and tedious delay. In the
 afternoon went up the Mountains, where we met with
 specimens of *Castus parviflorus*, *Persea*, *Coccoloba*, *penicillata*, *var.*
subcordata, *glaucangulata*, *spinis laevibus*, *varis apice*
lanceatis. - Very distinct from *C. penicillata*, A.C. vol. 3rd grows
 out of the fissures of the Rocks. - A fine *Cardinalis*
oblongata, seeds of *Nautilia* sp. *Degeneria* *cinerea*, *peruviana*
Meriania americana? *Diacaena* sp. a succulent *Piper*
 not infrequent with some others. - A very heavy thunder
 storm coming on about 3 o'clock, S. M. obliged
 us to descend.

14th Feb 82 Tuesday. Morning cloudy, with appearance of Rain. Went to
 3 o'clock to the Mountains, and collected seeds of *Polypodium* sp. (p. 100)
 Nov 81 *Melastoma* sp. 1899 - Specimens of *Meriania* sp. this
 we found growing as the others were, (we got the seeds)
 in craggy places, where high trees were, the plant
 itself being about 20 inches. From its situation in decayed
 vegetable earth, Dec. with a mixture of rock, we presume
 will be most proper for its growth. A small fern attached
 to the side of a Rock. *Asplenium* *petiol.* when we first saw
 the plant, it was in its flower, without leaves.

15th Feb 83 Wednesday. Morning fine, light breeze, cloudy, wind to the
 3 o'clock. Enclosed fire, one of the gentlemen of the fire having provided
 Feb 82 us information with respect to the Road towards Fall Creek.
 12 o'clock. Collecting specimens and seeds, - finding seed of *Alnus*.

1815 *Journal*
 July 15th *Aug* *Aug* Overcast about 2 o'clock, A.M. Thunder storm about 3
 which hindered us from going out. Rain most part of
 the afternoon.

16th *Aug* 80 Thursday. Rain most of the last night, which continued
 8th 85 slightly till 6 past 5, fine but cloudy. Not having made
 12th 8 any Botanical excursion yesterday, we went up the
 17th 83 mountains, hoping the Rain, which seemed certain, might
 18th 84 pass us, but while on the mountains, a Thunder storm -
 19th 85 sprang up, & forced us to return. Found *Marica* sp.
Epudendrum No 3, 4, 5 - a Fern adhering to a Rock,
 another growing in loose Vegetable Earth. *Monarda* sp.
 a small branched annual, nearly allied to *Capitata*
 which growing on the precipices of the mountains
 in Vegetable Earth (fine cornucopia) *Justicia* sp. not
 yet met. *Leptocarpus* sp. different from the before
 mentioned sp. this growing more particularly in the thick
 shrubby *Justicia*, *Psyllidia* sp. & a small sp. of
Cochlospermum No 1 - found very few seeds.

17th *Aug* 83 Friday. Morning calm, till 3 o'clock, A.M. when
 18th 84 it overcast, and dark for Rain, dark & cloudy in
 the afternoon: went a little way on the Santa Cruz
 but did not meet with anything particular.

18th *Aug* 84 Saturday. Rain from about the middle of last night
 19th 85 till a little after Daylight. This morning close & rainy
 went in the afternoon to Lago de Tota Lago, but
 a Thunder storm coming on, obliged us to return.

19th *Aug* 82 Sunday. Morning very fine but close a breeze at 8
 20th 83 o'clock, A.M. Clouds at Daybreak thick & hazy.
 21th 84 Between 3 & 6 P.M. a heavy storm of Thunder
 22th 85 lightning and Rain which continued till 10 o'clock P.M.

20th *Aug* 78 Monday. Morning at Daybreak hazy, showing for
 21th 84 Rain. Early in the afternoon went to the mountains, where
 22th 85 we continued till a storm drove us home. Found a new
 genus ranking in *Polypandria*? *Epudendrum* No 6, sp. of
Psyllidia, *Psyllidia* sp., a minute *Phanera*, *Solichos* sp.

1815
 4th July 1815
 1st June
 Thunder about 2 o'clock. A. M. Thunder storm about 3 o'clock which hindered us from going out. Rain most part of the afternoon.

15th July 30 Thursday Rain most of the last night, which continued till 8 o'clock, fine but windy. A lot having made a very Botanical excursion yesterday, we went up the mountains, hoping the Rain, which seemed certain, might refresh us, but while on the mountains, a Thunder storm - about 4 or 5 passed us & return. Found *Marica* sp. *Epilobium* sp. 3, 4, 5 - a fern adhering to a rock, another growing in loose vegetable earth. *Primula* sp. a small bluish flowered annual, nearly allied to *Camphala* which growing on the precipices of the mountains in vegetable earth (the common) *Justicia* sp. 1, 2, 3, 4, 5 - *Leptocarpus* sp. different from the before mentioned sp. this growing more particularly in the rocks. *Justicia*, *Thellima* sp. 3 a small sp. of *Cochlearia* the 1 found very few seeds.

17th July 33 Friday Morning calm till 5 o'clock. A. M. when it overcast, and dark for Rain dark & cloudy in the afternoon: but in the way on the white Craig had got out with nothing particular.

18th July 34 Saturday Rain from about the middle of last night till a little after Daylight. The morning calm & pretty much in the afternoon to 4 o'clock. A. M. but a Thunder storm coming on obliged us to return.

19th July 32 Sunday Morning very fine but then a breeze at 6 o'clock. A. M. Clouds at Daybreak thick & hazy. Between 3 & 6 P. M. a heavy storm of Thunder & strong wind Rain which continued till 3 o'clock P. M.

20th July 31 Monday Morning at Daybreak hazy, clearing from 8 o'clock in the afternoon went to the mountains where we collected till 4 o'clock. A. M. found no house. It is now

12)
1815
July 20th
cont.

June

Mathonia sp. *Viscum* sp. leaves like *Cactus* *Arctostaphylos*
arbutifolia smelling strong of Garlic, a Bulb, similar to the
one found at *San Francisco* collected west of *San Francisco*
Croton a berry & specimen without flowers. Saw a *Sp.*
genus *Cactus* different from that which is in *California*.

21st July 78 Tuesday. Rain recommenced about 3 o'clock, A.M. &
which continued without intermission till 12 Noon —
Saw 82 Employed in the Day turning specimens attending to books,
copying journals &c. Atmosphere cloudy in the afternoon.

22nd July 78 Wednesday. Morning fine. Out at upon *San Francisco*
Saw 82 Copying journals &c. many affairs, saw how it was as when
he had gathered on the Mountains, some of which
we received from him, it is green and of a most delicate
flavour, tasting like figs. Unknown to the *Portuguese*
but a native Indian accompanying the his *Party* seemed
well acquainted with it. We however, we saw this *Sp.*
Grass, about 3 weeks ago but were not fortunate
enough to find them in fruit — in the afternoon
ascended the Mountains, where we found the following
plants viz *Heliconia* is a beautiful scarlet
flowered genus, about 2 feet high growing in *Agave*
Soil on the burning face of a precipice, enjoying only
occasional showers, a drop from the higher parts of the *Mountain*
from the habit of this plant we suspect it would
soon wear the greenhouse in England. *Bignonia* sp.
in a similar situation with white flowers. Near the
same spot, but more in the woods, we found a beautiful
white flower in another *Bignonia*, but could by no
means find the plant. — Specimens & seeds of *St. 109*
Conium sp. — stigma elevated — seeds of a *Hydrocotyle*
sp. 105. — seeds of a *Delicate* like *St. 106* like *Cephaelis*
sp. 107 seeds lost. — This like the young *Proserpinaca*,
have plenty of water, having most where the drops of the
higher crags keep it moist. — specimens *Chamaecrista* &
Bignonia. *Melastoma* — *Scorria* — *Althaea* —
Alpinia — a Fern (parasitical) *Sp.* of *Grass* —
gathered as a Curiosity, having a *Fungus* growing on it.

1815.

Kew

July 23rd to Aug 1st

discription growing in its fructification.

(13)

23rd July 78 Thursday. Morning fine. Turning specimens (brought home last night) till 11 o'clock, when I went to the Curator's office in Henry's garden. In the afternoon Mr. Davis finding himself unwell, it was judged prudent to stay at home. My attention was directed up the mountains in search of plants, which he supposed would be ripe, and I found a specimen with golden berries.

24th July 78 Friday. Heavy rain with thunder & lightning, during the early hours of the morning, precluded us from a morning excursion. In the afternoon ascended the Mountain, brought home some new specimens of 2 *Empetrum* plants, a specimen of a *Agrostis*; specimens of a yellow-berried plant with the 22nd which we had seen on the 15th January, and found the *Alnus* *incana* Lk.

Specimens of a plant of the *Ericaceae*, with some others unknown to us. I saw a sp. of *Camellia* just showing flowers, & a plant of the *Orchidaceae* not seen before; which we marked as for seed; - brought home some bits of fern from among some dead leaves in a vegetating state about the 22nd, we were drawn down by our animal servants, - a *Thymus*?

25th Aug 78 Saturday. This morning particularly clear & dark. Continued collecting specimens till 11 o'clock and in writing the Catalogue of Journals till 1 o'clock. The whole of this day. Lightning in the evening.

26th Aug 78 Sunday. Morning very clear & dark. Sea breeze in the afternoon. Shower of rain at night with lightning.

27th Aug 78 Monday. Morning dark, hazy weather, & Mr. Davis's cold increasing, kept him within, this, with the sore of his left hand thumb, kept him without rest. He had picked it with a thorn in the mountains, - and afterwards (he says) had pricked it with some of the

1815
July 27th
La

specimens collected on Friday last. Mr. Birmingham
remains at home having very bad cold - heavy thunder
storm at home.

28th July 18 Tuesday. A stormy, both of us laid up. Cold increasing.

28th July In the course of the preceding week, there was a
great considerable change in the atmosphere which we did not
perceive about to (perhaps) as we ought, which has
been the in a great measure the cause of our cold - this
morning seems a more violent. Discharge about
at 11 o'clock. P. M.

John Birmingham
James Harris

of subordination of General to Manpower

1415

March 1891

2. 14. Monday, May 1st. A very fine day, with a
at 6 o'clock, A.M. - 10.00 P.M. - 10.00 P.M. - 10.00 P.M.
3. 15. Tuesday, May 2nd. A very fine day, with a
at 6 o'clock, A.M. - 10.00 P.M. - 10.00 P.M. - 10.00 P.M.

The ... are sufficiently -
... ..
... ..
... ..

1. 24. Tuesday. ... had our meeting. ... the morning.
 3. 25. Wednesday. ... took a walk
 4. 26. Thursday. ... long hill in ... San Francisco
 5. 27. Friday. ... the city. - ... the
 6. 28. Saturday. ... neighborhood of the city. ...
 7. 29. Sunday. ... of ...
 8. 30. Monday. ... specimens of a plant of
 9. 31. Tuesday. ... without the
 10. 1. Wednesday. ... and
 11. 2. Thursday. ...

Friday - 24. - fine, very hot and clear. Shipping and
unshipping of goods in the morning. - Unloading
of the cargo of the Day. - Capt. & the afternoon
of the cargo of the Day. - Lightning in the
evening. - at the evening
at 8 o'clock. - All. very heavy.
Storm of the evening with thunder and lightning.

24 Saturday. Morning very cool, atmosphere dark & cloudy -
 Wind of N. by E. at 10 by force S. E. Sea Breeze set in, with
 25 Sunday part of the Day - began the other part City of Journal

1815.

the morning. - The sea still smooth; Morningside has
got papers, a sheet in the forenoon that was a packet
with the Clerk. That the price of the sea, and under which
St. Pierre's house answering.

Cloudy Sunday. Morning fine, but sultry.
Cost began about the middle of the Day - Parting
early in the evening. The sea still smooth.

Monday Morning hot and sultry. The strong at a
party at 10 o'clock A.M. with appearance of rain.
Thinking the other copy of journal, and covering the
Bathurst this day. From 10 o'clock P.M. which weather
was a dark pond. - Rain again at the close of being
the heavy rain and part of the night - All over

Tuesday Morning calm, atmosphere dark and very wet.
Rain the whole of the morning. Finishing and covering
journal. Rain started about 4 o'clock P.M.
Remain still smooth.

Wednesday Morning cloudy and large with appearance
of rain. From 10 o'clock in the forenoon, cleared up
at 10 o'clock, A.M. Employed at home (being still land)
Thinking and papers -
Holding with the Progress.

Thursday Morning cloudy. Rain increased over after
10 o'clock, A.M. When we got to the whole of
the morning. When we got to the afternoon still
the same. Employed, going with the whole of the day

11th Day. From the whole of the last night - a cold of some
 after 3 o'clock at night - continued from the whole of the

12th Day

Remained in the (cold house) folding each paper as

13th Day. A stormy day - from the whole of the day

Employed the day cleaning & drying the coat - we had lost
 some, but were not very much to speak of.

Many returned of a storm.

14th Day.

Working from 8 o'clock from the whole of the day.

The day very in the afternoon.

15th Day. Being sufficiently recovered of my sickness.

I left our lodging at 3 o'clock at night and went to the

mountains to collect some new trees and minerals with
 some fern and other plants for printing. Having said that

the object was to collect and we wished to send a letter of
 permission. The paper of the letter was signed by Mr.

Coltman some of the letters were sent of various
 sorts of an extraordinary plant. This spike of flowers (called

by the natives) with some others - left the Mountain
 at 10 o'clock at night in order to visit upon the Mountain.

Had the latest of the day, was gone in a short
 from the day as before, for one of the Principalities

to the Governor of this State Captain. The Secretary
 informed us that it was the intention of the Portuguese Governor

not to assist us in any other way than above mentioned.

Returned from the Mountain house, in order to get
 some letters, & other papers ready, and to put in the afternoon

That ordered the Surgeons (Peters) to go to the
with an order (sent to Mr. Peter), and the Captain
to take care of during the voyage.

Day very fine. abundance of.

Monday. Morning fine. Hot and sultry at 5 o'clock

to Mr. Peter's house in the afternoon. Thence to

Henry Chamberlain Esq. to consult him respecting our intended

journey into the interior. He said to see him on Tuesday

and to get a recommendation.

Tuesday. Morning very hot and clear. Thence to

George Chamberlain Esq. to the right Hon. Sir Joseph Smith

and Mr. J. Smith Esq. - with

Henry Chamberlain Esq. with letters

Wednesday. Morning, hot and sultry. Peter requests the

day, respecting the, kind of person that might be sent to

us, at 8 o'clock. but we are a few further however

attend to a stop of the Surgeon's Minute about

midnight. It is to be seen we are recommended for advice

Peter, towards the close of the evening.

Thursday. Morning sultry. Thence upon our way to

to inform his wife, but we find it to be Paul, as we

find we could proceed alone and alone. - Upon further

inquiring find that the Surgeon & the others, would not

let him to us. but we might purchase him. which we do not

Continued fine the whole of the day

Friday. Morning fine. Thence upon his Excellency's

order to Mr. Peter. respecting a soldier to protect us

at St. Paul. but could not obtain permission for the

soldier to be sent, the day to which he belongs, being

about 8 o'clock.

19th Wednesday

Morning very hot and clear.

2.4 Shadings in the early part of the afternoon.

20th Thursday. Bright part of the morning, cloudy, about 4 o'clock, but not clear - cloudy in the afternoon.

2.4 Rain at 3 o'clock. It continued until 10 o'clock, but not so heavy. Rain most of the night.

21st Friday. Morning very wet, rain continued the whole of the day.

2.4 Making progress in the morning.

2.4 Rain at 3 o'clock. It continued the whole of the night.

22nd Saturday. Wind of the morning about 10 o'clock. It all.

2.4 This weather at 3 o'clock. It all. Wind of the morning.

2.4 The whole of the day.

23rd Sunday. Morning very hot and clear. Remained at the

2.4 the day, making progress in the morning and afternoon.

24th Monday (last day) Morning hot and clear.

2.4 Rain at 3 o'clock. It continued the whole of the night.

2.4 Rain in the early part of the afternoon.

25th Tuesday. Morning hot and clear. Shadings at 2 o'clock.

2.4 The day was very hot and clear. Shadings at 2 o'clock.

2.4 Rain at 3 o'clock. It continued the whole of the night.

1875

March 28

Saturday

Morning sultry and clear

29

Sunday

Morning very hot and clear

Fine breeze in the afternoon

30

Monday

Morning in the early part cool, atmosphere cloudy

Sultry at 9 o'clock & all.

31

Tuesday

Morning very hot and clear

Wind this day

from the West, and fresh to the south. - Wind to the south

to the south and all the day. 1st Easter

1

Wednesday

Morning hot and sultry

2

Thursday

Fine breeze early in the afternoon

3

Friday

Morning sultry, with light southerly breeze early

in the day

During the last four days we were employed entirely
in making relation to our intended journey, viz. in purchasing
stools, hiring blacks etc. and obtaining all the information
we could procure, respecting the mode of travelling, and
the road to go from Suva and to have travelled to the

April 1

Saturday

Morning cloudy atmosphere cool & heavy

Employment continues this day in packing up our

luggage, and removing down on shore and making

very preparation to leave the city. At 10 o'clock

Left our boat and store at a Depot on the shore

2

Sunday

Morning fine Day hot and sultry

1115
April 3

Journey to St. Paul

Monday Having purchased horses & hired blacks and having arranged all our baggage and made preparations for our journey we left Rio de Janeiro by daylight this morning. But the road proved to be so bad, before we had got the stage that we had our baggage, we were unable to leave the load being too heavy.

Set up at a *Chalupa* 10 miles from the City until we could procure another stage to leave just at the hour. - At 10 miles we were met by two blacks in the road to the ground of a English Farmer *João da Silva*, who had some time, and a few *bananas*, an angular fruit not yet ripe which Mr. B. - informed was dangerous to eat and took a *Caatinga* - furnished ourselves with another stage we proceeded to *Chalupa* 20 miles from the City where we put up for the night. - Very singularly so. - *Abacaxis* & *Abacaxi* -
We walked in the fields in flower, & *Scrophularia* sp. and *Epilobium* flowers white -

April 4

Tuesday Left Chalupa 8 miles by daylight, and proceeded to Chalupa about 20 miles in the road, where we stopped - in order to rest and to change the stage of the day. - Having done, we advanced again at 3 o'clock P.M., and traveled to Chalupa 20 miles. Chalupa was the church of St. Antonio, which we reached at 8 o'clock, it is just up the hill for the night.

On the outside, we saw the beautiful *Agave* - the one a new sp. of *Centrosema*, flowers blue, leaves abundant, the other a new form of *Agave* *Agave*, smaller, yellow, 3 petals.

Road at Night

April 5

Wednesday We left Chalupa at 10 o'clock, it is the present - for miles a light *Abacaxi* - at 8 o'clock P.M. we left Chalupa, leaving it to our right hand - This the Camp of St. Paul, which is the largest *Abacaxi* we have seen in Brazil - it is a plain, but from a slight *Abacaxi* we can see it clearly, the road is about eight English miles in length, and the

115
part of which, one of our friends, and at the
same time a very kind (the thought of one of our friends) &
we were indeed some time, stopping the boat and. Having
got again on the same hard ground, we proceeded to the
house of inquiry, where we found one of the old men
of the tribe, and they having noted the day on paper, we were
able to get on.

Travelled over a very sandy road, & at length, by
the river, we found the water a good deal, kept
for the day & 3. of the fall, and at length being
completely tired out. Then in the afternoon, we had
from the house, a great number of a beautiful large flowered
Abutilons, & a great many other plants, the most vigorous I think.

Our journey was from here and we expected from
returning to our old friends, on account of the rain.

Thursday Morning fair. After breakfast, we went
round the house, where we found a great many of the same
kind of plants, of which we had a great number, flowers of
different colors, and a small aquatic garden, which we
saw in the day - and we went to the river - and we
went out to the river.

The day was not so hot as yesterday, and we were
much surprised to find that the rain was so heavy, and
the water of which we had so much, and we had seen
the rain for the first time. - By the way, we
found that the rain was so heavy.

Continued and very heavy rain throughout the night.

Friday morning very dark and cloudy, with some rain
and wind, the wind the whole of the day. Rain

parts as of which, one of our friends said, and as it was
very in a sandy soil (there the night of one of our friends) &
we were indeed some time, digging the heart out. Having
got again on the firm hard ground, we proceeded to the
house of inquiry, where we should have expected to find a few
of our kind, and they having noted the day in paper, we were
about to go on.

Thursday was a very sandy road, & at length, by
half past twelve, we came from the river a guard. Stopped
for the day at 3 o'clock P.M. and at length having
completely dried out. Then in the afternoon, called on
from the guard, about 10 o'clock of a beautiful large flowered
Aristolochia (as I said) which is the indigenous plant.

We were told one from here and one from the river -
returning to our place intended, on account of the rain.

Friday Morning fair. After breakfast, we went
round the enclosed garden which is in the middle of the
and a number of some of the commonest flowers which
abundant - such as, and a small aquatic Justicia. which lies
the day - and indeed within the fence - but which
arrives, and then with the rain.

The informant, as that we could not possibly proceed further, in
account of the extraordinary rain. Such crops the Road
being much confused in consequence of the very heavy rain,
the water of which had covered the mountains, and had caused
a flow for the present impossible. - By his advice we
remained at his place.

Continued, and very heavy Rain throughout the day.

Saturday. Morning very dark and cloudy, and we then
went out to the river the whole of the day. Rain

9

2

Thursday Morning June - Santa Rosa. - A lifting of the curtain
 received an invitation from the Padre a Priest of the parish of
 St. Francisco Xavier, to dance, with a few ladies, and in return
 he offered us, accompanied by the Commandante - Father

At the House, called *Alcobaça da Paz*, in order to rest our mules, who were much fatigued. — *Supper for the Day.*

After dining upon *Feijões* boiled we slept in an adjoining room, upon the damp ground, very comfortably having only a skin beneath. This was the first cold night we felt in the *Trópico*, being a considerable height up the Mountains, enveloped in Clouds, which came down upon us at about 7 o'clock, P.M. —

We unfortunately broke our *Thermometer* this day. — On the Road we saw a sp. of *Lobelia*, which appeared to be *L. inornata*. (N. 3. has both)

April 14th

Friday. Morning fine. We continued our journey, and having travelled for 12 hours over the Mountains, arrived in the evening at *Barro*, on *S. João* Market, put up at a large house for the night. The Road this day was (in many parts) very rugged & steep; we arrived in the course of the afternoon at a River, where we were obliged to unload the Mules, and carry the Luggage over, to avoid it being damaged by being waded — On the Road near *Barro*, we first saw a sp. of *Tagetes* (N. 8. has both) very beautiful in flower. — *Quercus* sp. with red tubular flowers.

Evening serene. This house is about half a mile to the right of *S. João* Market.

15th

Saturday. In the course of the last night, or very early this morning, we unfortunately lost our *breakfast*, containing our *breakfast* from the fire; it was extinguished by some of the *prospere*, & the our servants slept round the fire during the night.

This day we were obliged to remain at the House, being detained, by one of our *alludes*, (which was rather wild) having escaped from us; he had run a considerable part of the way back again, and was not caught, till too late to proceed further the night.

Took a walk in the neighbouring Mountains, saw about of the same *Lobelia*, that we had previously noticed on the 13th. both forming *Capitula*.

84
1815
April
16.

Sunday. Morning very fine. Continued our journey this morning early, arrived at the Rio de Urubity, which divides the Captainship of Rio de Janeiro, from that of St. Paulo.

Carried our Luggage over the River in a canoe; & then the mules over. - Passed the Mountains, arrived at a little Village near the Rio das Pedras, (or River of Stones) in the Evening. On the Road saw a sp. of *Legonia* (the 3rd I saw), which was very different from any before observed. - saw sp. of *Clasium*, - a purple flowered Justicia, and a sp. of *Lobelia* flowers scarlet. I saw created 17. 330 L. 1. 2. 3. 4.

Day continued fine. Evening serene.

Monday Morning fine Day hot and sultry. We left the Village and continued our journey, stopped at a small Place about 10 leagues (one League is 3 Romanas) at midday to rest our mules and were much fatigued. - Dined in the usual way upon Peppers, a black negro beans &c. &c. - Proceeded in the afternoon to Capt. Mor which Village & River, we arrived at about 10 o'clock P. M. passing in the Hollow, the Sugar Engine called Barbarea. - On the Road we saw many handsome shrubs, with changeable blue flowers (*Legonia* *insignis* perhaps allied to *Strawallia*! - I collected all the ripe seeds. - seeds of *Barbarea* sp. - 17. 330 L. 1. 2. 3. 4. - saw a purple flowered *Legonia*, with rough leaves. - *Phlox* sp. with purple flowers herbaceous stalks.

On this day saw large trees of a sp. of *Araucaria* near the Roadside. - Very cloudy at night. - threatening Rain.

Tuesday Morning fine Remained the whole of this Day, - at Capt. Mor. in order to rest the mules. Heavy thunders above with dust in the afternoon, - at a small Distance from the Place, near the Mountains, saw two more Trees of the *Aracaria*, as yesterday.

1815.

Apr 19.

13

Wednesday Morning fine, but cloudy. We left Cape Horn this morning, and arrived at Laurens at 3 o'clock P.M.

On the Road collected specimens in flower, of a beautiful - orange flowered Epidendrum, plants of which were sent from Rio de Janeiro by the Montego - seeds of Cereus sp. (area A. & B. seeds) - flowers long and slender - some asp. of Ruellia, - all sent to R. Smith.

Stopped at the little Rancho Laurens for the day. - very hot and sunbaking throughout the day.

20.

Thursday. Morning cloudy. Resumed our journey, left Laurens and arrived at 7 o'clock P.M. at a small Rancho near San Pedro. Saw another sp. of Ruellia very beautiful on the roadside. The Rancho, that enclosed cultivated spots, were found of a sp. of Bromelia, Pigeon's with its fruit in baskets ready ripe.

21.

Friday. Morning very cloudy, with evident signs of rain. Left the Rancho at daylight, continued our journey to - Minerva, arrived there at 3 o'clock P.M. Atmosphere - very cloudy. Heavy Rain in the afternoon with thunder. Near Minerva saw a beautiful white scented Pigeon's (Lam. tons) -

22.

Saturday. Morning very cloudy, cleared up at 12 o'clock P.M. Left Minerva at 7 o'clock P.M. passed San Grande at 12 M. and arrived at the Villa de Lorena at 5 o'clock P.M. where we put up for the day, at a very comfortable house with separate rooms, having a fine look & view. We have no lodges in such a room, since we left Taguichy. -

On the Road (first day) we saw some Indian Children with the flowers of a sp. of Amargilla, and which upon enquiry we found, they had gathered in the neighbouring woods by way of ornamenting themselves. Saw a beautiful sp. of Sigmaria sp. with thick yellow flowers - another sp. with smaller purple flowers & round leaves. In the Villa we passed, we saw the little Rancho - the Rancho

V

1818

was a *Simulium* flowered Tree, (said to be *Simulium*, or *Simulium* of which we have been collected seeds (582 seeds) & *Simulium*

This is a very pleasant compact Village situated near

April 23

Sunday Morning fine. Rained the whole of the Day. There are the Town which consists of a number of 50 or 70 houses at the other extremity is the March Prison. A very beautiful large purple flowered *Epidendrum* on a decayed tree. Evening dark at six o'clock it is reminding us of Winter. Fine the whole of the Day.

24

Monday. Much Rain fell the last night & early this morning. Left the Villa de San Juan at 7 o'clock, & passed the Villa de Guadalupe at midday, and arrived at about 4 o'clock at the Villa de San Juan, having traveled about 6 leagues, a 24 English miles. On the Road collected the seeds of a sp. of *Stemodia* (see list) - seeds of *Populus* sp. beautiful red flower white seeds - seeds of *Populus* sp. 185 seeds, very common. - seeds of a sp. of *Scrophularia* with 20 seeds - (see our list of *Stemodia* now in flower white with a yellow disk).

This day we passed several *Coyote* traces but none which were a great disappointment to us.

25

Tuesday. Rain in the early part of the morning. We left the Villa de San Juan at 6 o'clock, & at 11 o'clock passed the Villa de Santa Cruz de Guadalupe at 11 o'clock, & arrived at the Villa de San Juan at 12 o'clock. The weather was fine. On the Road collected the seeds of a sp. of *Stemodia* in flower. There are a number of beautiful round flowered *Simulium* shrubs, (perhaps of the same species) - also a dark purple flowered *Stemodia* of which we have been gathered seeds (see list) - a shrub growing to the height of 9 or 10 feet in which there are very beautiful. On the Road before we entered the Villa de San Juan collected a number of seeds (see list) - *Stemodia* (see list) - seeds yellow like *Stemodia*.

1815

April

25th

Sat.

The Open Camps this week are peopled more much covered with
 red hills, some of which measured six feet in height. We travelled
 30 English miles this day which continued fine.

26th

Wednesday. Remained this day at Atabato, in order to
 rest our mules. Took a walk on the Camp near the Town
 collected seeds of *Phytolacca uniflora* No. 12 seed list. - another sp.
 No. 14 seed list, herbaceous, with large purple flowers opposite leaves
 and a kind of with a creeping stem (No. 17 seed list) all
 growing in a spongy black bog. - a *Pentstemon* like flower
 plant, allied to *Perovskia*, and esp. of *Margaritella*, flowers
 very small, in the same situation.

Evening fine.

27th

Thursday - Left Atabato at 9 o'clock, it rained and
 passing over a long Camp, we at length arrived at another
 two leagues north of it, where we put up for the night
 having travelled 30 English miles this day.

On the Camp above mentioned, and on the roadside, we
 collected good Cupules of the thorn (*Spatholoba*) *Polypodium*,
Angiospermia, flowers yellow like a *Reynoldsia*, seeds purse-shaped
 covered with a spongy soft substance, No. 15 seed list - seeds of
 a tall sp. of *Lobelia* No. 6 seed list growing in boggy places
 and seeds of a sp. of *Malpighia* (37 seed list) very common
 on the Camp.

Dry very fine.

28th

Friday. Morning fine. Left the Camp early, arrived on
 the banks of the River at Jacaraji, ferryed the Luggage over
 in a canoe, and crossed the mules. - This is the broadest
 and deepest River we have met with on the Road to the
 Paula. - Travelled two leagues (8 English miles) put
 up at a large Engine for the night. We had no
 sooner entered, and taken possession of our new Lodging, than we
 were assailed with that disagreeable insect, the Jigger, which
 penetrated our feet thro' the pores of the skin, in order to deposit
 its Eggs. - This day we saw a sp. of *Malpighia* with

1815.
April
28th

soft woody leaves. - collected seeds of a stiff vine (No 20 list) no-seeds, common on the roadside.

29th

Saturday. Morning very foggy. - Day clear and very fine. Left the engine, and proceeded to Maja des-Congo (almost 7 leagues or 28 English miles) where we arrived at seven o'clock, P.M. being much fatigued, the evening very cold and wet. and some of the hills were steep and disagreeable. At the base of one of these hills, we discovered a sp. of *Convolvulus* very beautiful, scarlet flower in a rocky deep shaded situation, - collected (specimens of a sp. of *Tradescantia* No 33 list) - fruit of one of the Solanaceae (No 34 list) from a deciduous tree, fruit red and yellow.

The Hedges are ornamented with a beautiful daisy *Erythraea*, flowering much.

This day we passed (on the road side) the largest tree of the Amazon we have seen in Brazil.

30th

Sunday. Rained ourselves and mules this day at Maja des-Congo, collected seeds of a sp. of *Rhusia* (No 35 list) capsules very bristly, and two sp. of *Albizia* (No 36 & 37 list) growing in a hedge adjoining our Lodging. - Day fine.

May 1st

Monday. Morning fine. We left Maja des-Congo at 7 o'clock, A.M. and travelled the whole of this day, arrived at a small Verde 2 1/2 leagues from the City of St. Paul.

On the Roadside collected seeds of a *Chenopodium* Trigon, black, probably *Discoulis* sp. (No 38 list) in boggy situation seeds of a sp. of *Psychotria* with beautiful red flowers (No 39 list) - fruit of a small sp. of *Pybium* No 40 list.

Some part of the road, runs thro a low Swamp, in which we saw a sp. of *Portulaca*, and on the way side this a Wood we saw a sp. of *Fuchsia*, with flowers appearing larger than

115

May 1st
1845

I received. petals revolute, at the apex of 3/4
high. This day we travelled 30 English miles.

2

Tuesday. Left the Verde this morning at 8 o'clock, and arrived at the City of St. Paulo at 10 o'clock P.M.

Went in search of Lodgings; procured them at the House of an English Cabinet Maker, (the the medium of a friend - Miller to whom we had a letter of Recommendation) whose kindness on this, and many other occasions, call forth our sincerest thanks, but, for this Gentleman, we would have met with many - difficulties. Took possession of our new Lodging the night, which is both a comfortable & convenient situation.

On the Road about a league from the City - collected specimens of a beautiful brown flowered *Quercus*, from an old Tree, & we saw a sp. of *Bignonia* with pale. not yet ripe in great abundance.
Day very fine.

3

Wednesday. Morning fair. According to appointment since yesterday with Mr. Miller, we met at 12 o'clock P.M. in order to present ourselves, and our letters to the Governor the *conde de Cabral*, who kindly received us, and having read our letters, from the Marquis de Aguiar, & Lord Strangford, promised to grant us any thing we wished for in the Captivity for the furtherance of our Botanical pursuits. His Excellency enquired in a particular manner, after the health of the Right Hon^{ble} Sir Joseph Banks; and when we informed him, that Sir Joseph was in good health when we left England, & that we had received written instructions from him, the Conde seem'd highly pleased. - Took leave of his Excellency, and waited upon the Ill^{mo} Sen^r Cornel Jozei Vicente da Fozzeira, to whom Lord Strangford had given us a letter. We were very politely received by this gentleman, who offered us his House, saying it was

18.
1815.

always open tent. - Took one Leane. & aimed to see -
Lodging: purchased another thermometer. the one used with
me, being broke on the mountains.

May 4th

Thursday Morning fine. Much wind. Employed this day -
sorting and drying cases, collected at different times on the road
to St. Paul. Took a walk in the afternoon, in order to
view the Lake & diversions collected capsules of *Aspergillus*
of *Bisporium* etc. a large quantity of *Varicella* &
A. *lutea* etc. drops large & many more.

May 5th Friday. Morning very cloudy with symptoms of Rain.
Drying and cleaning seeds this day saw some very fine
fruit to go but did not collect *Sparganium* which would be -
very fine in fact being of a sharp and taste. sold in the
Market, growing on the banks near St. Paul.

May 6th Saturday. Morning fine, without wind rather windy.
Continued drying & sorting seeds. Cloudy in the afternoon.
with appearance of Rain.

May 7th Sunday. Rain commenced very early this morning, cleared
up at 12 o'clock M. atmosphere cool
Remained within

May 8th Monday. Morning fine. Cold in the early part.
Took a walk in a Bog near the City, saw the same
of *Portulaca* observed on the 1st June - and another
with large flowers and broad lanceolate leaves.

May 9th Tuesday. Morning cool, but fine. Dried and bagged in
the afternoon, arranging my papers, folding and papering the
boxes. Drying & cleaning the remaining seeds collected on the
Road.

May 10th

Wednesday. Morning dark, cleared up & became fine at 10 o'clock

12th 3rd Folding seed papers & having no further occasion for our services, we are bound at Family to take care of our business, paid him his wages, and discharged him.

11th 3rd Thursday. Morning very foggy. Fine at 5 o'clock & all day.

12th 3rd Took a walk on the S. W. side of the City, where a new Road is forming under the direction of Col. Müller, by the side of the river. In making this road, which had before been a mere track, it was singular to observe the different strata of earth. There was a considerable strata of white sand & clay, perhaps good, in making Portland, and below that was a very rich brown soil. It was thought the soil, but upon a strict analysis, it proved otherwise.

12th 3rd Friday. Morning very foggy, cold dull & dreary - the whole of the morning. Fine in the afternoon.

13th 3rd Saturday. Morning cloudy. Fine & clear the whole of the day.

Having rested some time from the great fatigue of our late journey, & healed up the sores occasioned by the little canoe the foggy morning, prepared for making excursions in the neighbourhood of the City.

14th 3rd Sunday. Morning cloudy with drizzling rain at 10 o'clock & all day. Remained within.

15th 3rd Monday. Morning very foggy. Took an excursion on the Road to St. Anso, on the South side of the City, collected three species of *Hydrocotyle* - seeds of *Adiantum*, bearing a black berry, & 88 seeds of *Adiantum* - specimen of *Hydrocotyle* sp. blue berries. - specimen of a succulent parasitical plant called by the Portuguese "Pe de Cobra" a snake's foot - of the class *Polygamia Angiosperma* leaves thick & round, tinged with red, smaller, scattered hairy, another connected together of the habit of *Hydrocotyle*.

1895.
May

No 109 Seed list. - specimens of *Gomphium* sp. leaves
small undulated. - and specimens of a sp. of *Cladonia*
a parasite.

Day very fine.

10th 3 Tuesday. Morning foggy. Fine & clear at mid of day
an 4 A. M. Employed our time the Day on the Camp behind -
12 by the Church called the *Ponte Jago*, a small distance from
the City. Collected seeds and specimens of a beautiful
Polyandrous shrub, corolla white, peduncles long, with in abscissa
glaucous glaucous beneath, No 59 seed list - seeds of *Rorippa*
of No 48. Seed list - seeds of *Cladonia* sp. No 56 seed
list - duplicate seed of *Tricardium* plant (supposed to
be *Crucifera*) collected before upon the (Point No 28 Seed
list - seeds of *Lycium* sp. opposite leaves and purple
flowers No 48 seed list. All the above grow in a
black peat earth. - Returned in the afternoon -
Put our mules out to graze this Day.

11th 3 Wednesday. Morning very cloudy, threatening Rain. Drying &
an 4 shifting specimens in the morning. - Went over the River to see
12 by the river to see the pasture the mules were put in; Collected
seeds of a new sp. of *Cladonia*, small white flowers and
smooth leaves, common on the low ground, that had been covered
by the River. Returned in the afternoon, which found out
very fine. One of our Blacks, having committed a theft
in the City, ran away from us, to avoid punishment.

12th 3 Thursday. Morning cool and foggy. Cleared up at 10 o'clock
an 4 A. M. Employed ourselves the Day, in drying, shifting -
and examining specimens, collected the preceding Days. Sent some
specimens to Col. Miller, for the detection of the value
in the collection of the same, appeared to have been to the effect.

13th 3 Friday. Morning dark and foggy. Went in the morning
an 4 of the City, collected specimens of *Passiflora* sp. - specimens
12 of the *Cladonia*, several small *Cladonia*, fruit and specimens
of the *Cladonia*, that the *Cladonia* all specimens in Camp.

1915

of the class Decandria. No 203 Seed list - gathered together
 seeds of a shrub, slender - deciduous, bearing a black berry -
 No 59 seed list - seeds and specimens of Solanum sp. with
 narrow entire, undulate leaves, common on the valley side. No 50
 seed list - duplicate seeds of Thunbergia sp. before collected. -
 No 36 seed list - specimens of Lobelia sp. seeds not
 ripe, and specimens of Lactuca sp.

May 20th Saturday. Morning foggy. Took a walk on the Road to
 St. Amaro, collected seeds & specimens of two sp. of
 Melastoma, in shaded situations. Nos 50 & 51 Seed list
 - seeds and specimens of Euphorbia sp. No 77 seed list -
 - seeds and specimens of Stychnos sp. orange-fruited. No 96
 seed list - specimens of two sp. of Oculea. -
 seeds & specimens of a shrub with flowers tetrandrous, of
 abrown color, No 78 seed list, and black berry. seeds &
 specimens of Rubus sp. leaves ternate, flowers white (No 94
 seed list) - specimens of Commelina sp. flowers purple and
 long peduncles. (and seeds of Galium sp. No 80 seed list.
 - Returned at two o'clock, in the afternoon.

May 21st Sunday. Morning foggy, clear & sun at some o'clock
 A.M. Remained within.

May 22nd Monday. Morning beautifully fine - Took an excursion
 about a league from the City, collected some Epidendrum -
 one allied to E. ruscifolium, another (E. obtusifolium Swartz)
 allied to E. elongatum. - specimens of a Curatella shrub
 climbing bank of the Contain, with dark chocolate flowers, very
 small. - specimens of Cypripedium, large yellow flowers -
 seeds and specimens of three Symplocos plants on the Camp -
 No 62, 63, 64 Seed lists - specimens of a species of
 Masticophis sp. (for which seeds were collected before, with a
 small one also. - Returned in the afternoon, cloudy.

1815
May 23rd

Rain at eight o'clock, P. M.

23rd Tuesday. Morning cloudy, with appearance of rain. Atmosphere cool. Employ'd ourselves this Day, drying and cleaning seeds, and examining, drying & sorting specimens, - collected the preceding days.

"Clear'd up about 12 o'clock M. continued fine the whole of the Afternoon.

24th Wednesday. Morning fine and clear. This Day we were out on the Road to St. Amaro, collected specimens of a shrub with a yellow oval fruit (No 112 last list) and ant-specimens of a *Heliconia* sp. very large ferruginous leaves, No. by last list - a *Heliconia* sp. with yellow berries and sp. No 92 last list - specimens of sp. of *Myrtus* - specimen of two petioleous plants - seeds and specimens of *Thelypoda* sp. (No 101 last list) with coniform leaves and blue corolla, the whole plant creeping on the ground in the moist woods, - specimen of *Symplocum* sp. long grassy leaves, or fronds entire, growing on decay'd trees - specimens of sp. of *Pignonia* with orange flowers, called by the Portuguese "Flor de St. João" - No 1 and specimen of a slender shrub (No 138 last list) berries in round bunches - specimens of a curious fern - fronds bipinnate, and specimen of a yellow flowered *Polyandra* climbing shrub, common on the Camp & margin of Woods.

Returned at three o'clock P. M.

25th Thursday Morning foggy, with a new Cold atmosphere -

26th Day fine - A Holiday with the Portuguese being St. John's Day. At Home sorting and arranging specimens, and drying seeds collected yesterday.

26th Friday. Morning fine and airy. Employ'd ourselves on the Road to St. Amaro, collected seeds and specimens of a trailing sp. of *Labellia* (No 71 last list) with alternate cordate ovate

1815
May 26th
Sat

leaves, - ^{near, specimen of} *Calatropis* sp. smooth red tinged leaves, white
flowers in spikes, No 91 seed list! - another sp. with
purple hairy keel-shaped leaves, (specimens sent, No 92 seed
list, and a third sp. with smooth rounded alternate leaves,
No 93 seed list - specimens of *Quercus* sp. with
large Laurel leaves, opposite, and axillary bunches of
dark flowers. Specimens of a scarlet-flowered *Diadelphum*
shrub, leaves ternate, before observed on the Road growing on the
banks of a Rivulet near Athlete in the 25th April -
specimens of *Justicia* sp. purple flowers, - specimens of a
sp. of *Jaya*, leguminous twisted, and specimens of a fine-
leaved sp. of *Senecio*.

Continued fine the whole of the Day

27th 8^{am} 45^{pm} Saturday: Morning fine. Atmosphere cool. Out on
the same Road (as yesterday) collected two new sp. of the
12th 9th *Brechidae*, one a *Neckia* sp. - descended the tree -
that bears the fruit called *Gambacoei* before alluded to
on the 5th May last, collected some of the fruit No 94 seed list,
with specimens of the leaves; have not seen its flowers, suspect
it to be of the *Sturone* - collected some ribbed capsules
(No 95 seed list) & several upon a tall shrub in a low-
damp situation - seeds & specimens of *Oldenlandia*
or *Thaumatococcus* sp. cordate smooth leaves No 101 seed list -
specimens of *Shulax* sp. - specimens of a *Syngonium* erect
shrub, with some others

Day fine throughout.

28th 1st Sunday.

28th 1st Sunday.
Morning fine. - Remained within the whole of
the Day.

1815

May
3, 1815
C. P. H.

with three-nerved serrated leaves, white beneath (No 137) -
seed list) and specimens of *acronia* red berries. -
seed and specimens of *Smilax* sp. No 120 seed list. - spec-
imen of *Clitoria* sp. (brasiliana) - specimens of *Proton* sp.
a tall shrub - specimens of *Lythrum* sp. deep black flower
- specimens of *Cestrum* sp. - specimens of *Asclepias* sp.
small flowers - specimens of *Viola* sp. leaves reniform
a weak plant in boggy situation. - specimens of *Buddle*
(perfoliata) - seed and specimens of *Symplocos* sp. No
119 seed list. - specimens of a small sp. of *Laurus*. -
seed of arigid berry shrub *Monoclin Treocia*
No 121 seed list.

Afternoon clouds with a cold piercing.
Wind atmosphere still red heavy. Returned at dusk to the
City.

June 1st

Thursday. Dark dark & foggy. This day we were on
the Bank of the River. Collected specimens of
Pentstemon-like shrub. flowers yellow, tinged with green
leaves more glossy. - seed and specimens of *Chomelia*
sp. No 133. seed list. - seed and specimens of two
of the *Myrtaceae* (relatives) No 134, 135 seed list - seed
of a specimen of a shrub (perhaps *Decandrea* but have not
seen the flowers) with a capsule a one-sided *Legumin*, with
clothed with white substance, a willow No 135 seed list &
seed and specimens of *Arctostaphylos* (longer collected in an
Wood, the trunk of which, had been burnt, & cut down
in order to clear the ground for cultivation. No 124
seed list. - Evening serene and clear.

2nd

Friday. Morning cloudy, with appearance of Rain.

Remained within the day drying arranging & testing
specimens, and drying seeds. collected the preceding day.

Cleared up at 10 o'clock, A. M. Day fine.

1815

May 29th

Monday Morning fair, very cold atmosphere -
 This day we were on the Road to Tuzigaa, about 2 miles
 from the City, collected the following -
Seeds and specimens of Lippia americana: 2nd 100 seed list
 - of *Begonia* sp. allied to *B. laetiflora*
 No 45 seed list. - Specimens of an *Octandrium* flowering
 tree, with rusty leaves beneath. - Specimens of a shrub, all
 to *Dombeya* flowers *monadelphica* *Pixandra* - specimens
 of a shrub of the *Myrtaceae*, flowers very small - specimens
 of two other sp. of *Myrtaceae* - seeds and specimens of *Cordia*
 a *Varonia* sp. *Red* *Stupa*, leaves large, shining No 107
 seed list - specimens of *Myrica* sp. flowers very small -
 specimens of a sp. of *Taxus* growing on the sides of the
 mountains - specimens of a *Syngonium* small shrub
 in habit like a *Dryas* - specimens of *Solanum* sp.
 very thorny - etc. sp. smooth allied to *S. glaberrimum* *Purpureum*
 - specimens of *Rheum* sp. allied to *R. inconstans*, leaves
 3-nerved calyx very white band - ~~etc~~ *Staphylea* *Staphylea*
 leaves, white beneath, purple flowered, and fruit with glaucous
 of a tree of the *Sapotaceae*: fruit looking like the pistil -
 called by the Portuguese, *Fruta de Costa* ~~etc~~ *Fruta de Costa*
 growing in low wet situation.

Fine and clear Day

30th

Tuesday. Morning very cool, atmosphere chilling Employ'd
 39 ourselves the whole of this Day, drying and cleaning seeds,
 and shipping & arranging specimens.
 Afternoon cloudy. Wind continued very cold the whole
 of the Day

31st

Wednesday. Morning cloudy, atmosphere cool. Employ'd the
 Day, about 3 miles from the City on the Banks of the River
 collected seeds and specimens of *Tagetes* none in
 No 110 seed list - seeds and specimens of *Melastoma* sp.

1015
 June 3rd 55 Saturday. Morning fair, somewhat cloudy. Employed
 about 3 miles from the City. in swampy
 V 4th 2nd collected seeds and specimens of *Andromeda crispifolia* No 144
 seed list. - seeds specimens of *Orchis* sp. (flora viridi) No
 103 seed list. - specimens of a sp. of *Melastoma*. leaves glossy
 flowers small and white, about to *M. montana*, a procreant. -
 specimen of a Tree (*Podocarpus*?) calyx campanulate, -
 corolla white (deciduous) leaves 19 very long, - specimen
 of *Laurea maritima*, and *L. coriacea*. - at the margin
 of a wood, collected specimens of *Salix* sp. flowers blue
 allied to *M. mucronata* with entire leaves somewhat
 peltate.

Atmosphere dark and cloudy, about midday.
 Rain in the afternoon which fell very heavy at night, -
 accompanied by lightning.

4th 8th Sunday. Morning fair. Rain fell during the
 last night. Fine clear day, much wind. Remained within.

5th 9th Monday. Morning very foggy. Dark & cloudy at 12
 Rain about the hour. Afternoon very cloudy. Drying
 12th 10th clearing sun, and collecting specimens all the day.
 4th 6th Heavy Rain in the Evening which continued all night.

6th 8th Tuesday. Morning very cloudy. Overcast rain to whole
 of the morning. Employed some time this day, examining
 12th 11th and collecting specimens, and packing seeds, procured at
 different periods, during our residence in this City. -
 Weather cleared up at 2 o'clock. P.M. but rain & cold.

7th 9th Wednesday. Morning cloudy. atmosphere raw and cold
 12th 10th continued shipping, examining and collecting specimens.
 Chilling cold air all this day.

8th 11th Thursday. Morning cloudy, threatening Rain. Clear & fine about 10
 12th 5th o'clock, at which time it rained at 12 o'clock. Continued examining & collecting.

Dec 9th Friday. Morning fine, overcast at 12 o'clock. M.
 P. Many Rain in the afternoon. Weather very unsettled.
 E. Employed several at home, examining our specimens.

10th Saturday. Morning foggy. Cleared up, & fine at 10 o'clock.
 A. M. Examining and ticketing specimens the whole of this day.

11th Sunday. Morning foggy. Fine Day. Remained within.

12th Monday. Morning foggy. Day fine. Took a
 Walk towards the Banks of the River Tinto, collected
 seeds and specimens of small yellow flowered sp. of *Phytol.*
 No 151 last list - duplicate seed of *Exacum* sp. -
 with some duplicates of *Malacoma*.
 Returned home, atmosphere cloudy, threatening Rain

13th Tuesday. Morning fine. Holiday with the Portuguese
 (St. Antonio)
 Remained within this day. Examining the remainder
 of our specimens.

14th Wednesday. Morning very foggy. Employed our time this
 day, on the Road to St. Amaro, collected specimens of a
 beautiful *Tillandsia*, bracts scarlet, corolla yellow lined
 with purple. - another sp. (*hyacinthoides*) white flowers, light
 purple bracts, and dagger shaped leaves. - specimens of a shrub,
 bearing rough bristly capsules, not yet ripe - specimens of a
 leguminous tree-seeded plant (*Decandrea*?) specimens of
Asplenium salicifolium? - collected seed of a species of
Malacoma, of which we gathered specimens in flower on the 26th
 day (No 91 last list) and specimens of a *Psychotria* plant,
 branched & flowered. - It thick fog fell the whole of this

28/1815.

Day. Atmosphere very dark and heavy.

June 15th

8^{am} 55th Thursday. Morning serene. Afternoon dark and cloudy.

12^{noon} 59th Remained at Home, turning specimens, drying & cleaning seeds.

4^{pm} 60th

16th

8^{am} 53th Friday. Morning fine. Most part of the Day dark & heavy. Employ'd ourselves this Day in the Wood on the Road

4^{pm} 57th to St. Amaro, about $\frac{1}{2}$ of a League from the City. -

Collected seeds and specimens of *Bignonia schinata*, No 158 seed list. - seeds and specimens of *Solanum* sp. - Orange berry's large white-flowers, and leaves y. lined, No 160 seed list - specimens of *Epidendrum* sp. allied to *E. elongatum*, and specimens of asp. of *Polypodium* with transparent. round simple fronds. Saw a tree which we suppose to be *Acacia*, the fruit salt, were here, but destroy'd by insects.

17th

8^{am} 54th Saturday. Morning cloudy. Dark and lowering Weather

12^{noon} 63th Employ'd ourselves at home examining specimens -

drying seeds.

Rain in the Evening.

18th

8^{am} 55th Sunday. Much Rain fell during the last night. Morning very much, continued with Thunder. Cleared up about 11. A fine

12^{noon} 63th Afternoon fine.

19th

8^{am} 56th Monday. Morning foggy. Day very fine throughout -

12^{noon} 68th Employ'd the Day in drying seeds and specimens & and preparing for a short journey to Juazeiro (the Estate of a former Governor of St. Paulo) to which place we have been recommended as being a situation, fit for further Botanical pursuits.

Atmosphere frosty at night. Full Moon.

1815.

June 20th

29.
20th 50th Tuesday. Morning cloudy. Rain at 10 o'clock, & it continued the whole of the morning, cleared up at one o'clock, P.M.
72. 58
Preparing seed papers &c at home. Cold strong wind during the night.

21st 50th Wednesday. Morning clear. Wind very cold and bleak, - similar to the March Winds in England. Packed up all our Papers & preparing to go to Jaraguá tomorrow morning. His Excellency the Conde de Lalma, very obligingly and kindly gave us an order on this occasion, to the acting-person on the Estate to receive us, and also sent a Soldier with us, as a guard and Protection.

22nd 50th Thursday. Morning fine and clear. Wind cold. Having packed up papers &c that might be wanted, we loaded our mules, and accompanied by a soldier, left the City for Jaraguá; a House and Sugar Engine, the property of a former Governor of the City, situated between 3 & 4 Leagues (a 15 English miles) N.W. of the City at the base of a high Mountain. -

Arrived at the House about one o'clock P.M. Took a walk up the path leading up the Mountain; collected seeds and specimens of a Tetraodon Monogynia scarlet-flowered - climber called by the Portuguese "Barro de Ratto" No 188 seed list - seeds and specimens of a purple-flowered Rhexia, a shrub rising to the height of 10 feet; 214 seed list - specimens of a singular rough-skin. leaved Melastoma - duplicate seeds of a slender Shrub, bearing white berries No 88 seed list - fruit of a sp. of Rubus hanging in a pendulous raceme No 184 seed list. seeds of Proboscidea No 177 seed list, also collected a yellow fruit (called Fruta de Maurandia by the Portuguese) with specimens of the same from a tree between 30 & 40 feet high. No 204 seed list. Returned to the House, where

we had five airy apartments, well calculated for drying -
leaves and specimens. - Atmospheric dark and cloudy. -
Threatning Rain. Collected also numerous Moss with palmated
scaly branches.

23rd 8^{am} 32nd Friday. Morning foggy. Took an excursion on the High
Mountain at the Back of the House. Collected near the
summit several new Epidendrum some in flower, with some
new Ficus. - Seeds of small hairy-leaved Rhusia, with
white flowers (thymifolia) No 210 seed list - seeds and specimen
of another sp. (Kalmicoidea. No 207 seed list), with larger round
leaves, and beautiful white-flowers, growing on the summit, &
the sides of the Mountain - specimens and fruit of a black -
occupations leaved Climber No 172 seed list - specimens of
a shrub of the Clasp Hexandria, like Prinos. - seeds and
specimens of a white-flowered Pentandrous Shrub, No 222 seed list
with some others

Returned at 4 o'clock, P.M. having previously lost
our path down the Mountain for the space of two Hours, till we
fortunately got into the beaten road to the House, This
Mountain is very steep, frequently had me to climb over
fragments of Rocks, upon our hands and feet, on which grew
the Epidendrum before mentd?

24th 8^{am} 32nd Saturday. Morning very fine. Employed the Morning, drying
specimens and seeds collected yesterday. - Took a walk up to
the summit of the Peak of Inagua, which is a very high and
steep Mountain. On the way collected seeds of Banksia
No 221 seed list - seeds and specimens of a bristly-leaved
Melastoma, with appendulous racemes, No 201 seed list -
duplicate seeds of a Pentandrous Shrub, flowers white, capsule
bursting at their base, - specimens not before collected - seeds
and specimens of a plant of the Escate, growing on the sides &

1813.

June

Summit of the Mountain, but not having a trout afface
with us at the time left the route till another opportunity -
No 182 Seed list. - seed and specimens of a plant of the
Clap Didymia, (small. bristled) No 184 Seed list. - seed and
specimens of Rhexia nova sp. with large purple flowers. No
231 Seed list, on the margin of Brooks.

25th

8
am

50 Sunday.

Morning fine and serene. Took a walk
in the Path leading up the Mountain, collected duplicate seeds
of Toxicaria sp. - specimens of a beautiful large-leaved
Gomphia - capsules of Black pinnated-leaved Tree, the
"Jaccanda do campo" of the Portuguese, No 203 Seed list. -
capsules and specimens of (Cuscuta sp.) one of the Contorta
a climber with smooth-leaved, glanded petioles (No 237
Seed list) specimens of Solanum sp. In tria-leaves, and
white flowers, slender shrub - seed and specimens of
Piper sp. knotted stalks, called to P. gemiculatum. (No 233
in Seed list -

Returned at 2 o'clock P. M. Day continued fine

25th

3
am

54

Monday. Morning very foggy. Day fine Employed
over time this Day on the Road to Peracachi - collected
seed and specimens of Annona sp. small fruited (No 183
Seed list) seed and specimens of Melastoma sp. smallish smooth
leaves (No 195 Seed list, - seeds of Buddleia (perfoliate)
specimens collected before (No 210 Seed list) - seed and specimens
(after leaves) of Rhexia sp. (echinata) No 211 Seed list - seed &
specimens of ~~strigosa~~ Mimosa sp. biped pods in globular heads
called to M. strigosa Persoon No 226 Seed list. - specimens
of Sage sp. (called to S. alba) leaves glanded, petioles winged. -

1813.

June

Summit of the Mountain, but not having a trail up there
with us at the time left the route till another opportunity -
No 182 *Clusia* Lich. - seeds and specimens of a plant of the
Clusia *Didymia*, (seemingly bracteate) No 184 seed list - seeds and
specimens of *Rhexia* sp. with large purple flowers. No
231 seed list, on the margin of Brooks.

25th8^{am}

50 Sunday. Morning fine and serene. Took a walk
in the Path leading up the Mountain, collected duplicate seeds
of *Podocarpus* sp. - specimens of a beautiful large-leaved
Gomphia - capsules of a dark pinnated-leaved Tree, the
"Jaleanda do campo" of the Portuguese. No 203 seed list -
capsules and specimens of (*Euclea* sp.) one of the *Contorta*
4 a climber with smooth leaves, glanded petioles (No 237
seed list) specimens of *Solanum* sp. entire leaves, and
white flowers, a slender shrub - seeds and specimens of
Piper sp. knotted stalks, allied to *P. geniculatum*. (No 233
in seed list -

Returned at 2 o'clock P. M. Day continued fine.

25th3^{pm}

54 Monday. Morning very foggy. Day fine. Employed
our time this Day on the Road to Peracabé - collected
seeds and specimens of *Annona* sp. small fruited (No 188
seed list) seeds and specimens of *Melastoma* sp. smallish smooth
leaves (No 195 seed list, seeds of *Buddleia* (perfoliate)
specimens, collected before (No 218 seed list) - seeds and specimens
(of the leaves) of *Rhexia* sp. (echinata) No 219 seed list - seeds &
specimens of *Mimosa* sp. biped ped. in globular heads
allied to *M. strigosa* Persoon No 226 seed list. - specimens
of *Boea* sp. (allied to *B. alba*) leaves glanded, petioles winged. -

32
1815
June 20th
cont.

specimens of *Thlasia* sp. leaves heavy beneath - specimens of
Thlasia sp. dichotomous pinnated, allied to *R. hypericoides*; seeds
of some *Synonymia* plants collected on dry and Camps, and at
the old gold mines in the Neighbourhood of Jaraguá -
No 239 seed list - detected asp. of *Drosera*, on the Camps
which formerly has been dug for Gold, growing in wet stagnant
water places.

These mines have not been worked for some time, it is not
paying the expense. - Returned at 3 o'clock P.M.

27th
3rd
Am

51. Tuesday. Morning foggy. Took an Excursion on the
Mochabius, collected some young plants of *Alcalafoma* sp.
large leaves 5. nerved rusty beneath. - do. sp. with long
attenuated leaves red beneath, also more of this genus, with
upward of twenty other young shrubs, of which we have not been
able to procure seeds, or specimens in flower.

Collected seeds and specimens of *Alcalafoma* sp.
with large ferruginous leaves tinged with red, No 106 seed list -

- seeds and specimens of a plant bearing 4-angled capsules

No 215 seed list - specimens of *Heliconia* sp. (fls

4. Call. 61. rubri) beautiful - seeds and specimens of a small shrubby
plant
flowers in spikes, capsules bursting transversely, showing naked
reniform seeds, No 109 seed list (*Polygonum*) in low wet ground.

Collected some plants of *Ferns*, not seen before - and
cuttings of a sp. of *Begonia* small flowered - adhering to trees
as the *Adiantum* *rubrum*.

All the above grow in humid shaded situations -

Returned at two o'clock P.M. - On the way back collected
specimens of a scarlet flowered climbing plant (allied to *Mandarin*)

In the Afternoon we employed ourselves on the low
lands in the Neighbourhood, collected specimens of a beautiful
climbing plant of the *Clus* *Synonymia* *Polygonum* *Superfl.* -
allied to the genus *Mandarin* (if not of that genus - specimens
of *Cassia* sp. before observed on the 19th April last - specimens

1815.

June
27
cont.

of *Panax* sp. leaves peltate 8-angled. - seeds and fruit
of a *Pentstemon* plant, red cups in very low situation.
Evening fine

28th4th
5th

Wednesday. Morning foggy. Went up early. Took a
Walk early this morning, about a mile, saw nothing new
excepting a plant in seed, capsules not quite ripe of a reddish
appearance of the *Clay* *Dicranium*? Returned at 9 o'clock.

Employed the morning, shipping specimens, and drying
seeds. Took a walk in the afternoon on the Mountains,
in front of the House, collected Orange berries of a sp. of
Zizyphus or *Rhamnus*, call it by the Portuguese "*Lawsonia*."
No 189. Seed list - seeds and specimens of *Smilax* sp. berries of
an Orange colour (No 205 Seed list), specimens of a sp. of *Ruellia*
flava coccinea, before observed on the 20th April last, allied to
R. fulgens, *Sturtia* *Reich.*

Collected young trees of the *Aracaria* (seedlings) from
beneath some large trees of the same; packed them up carefully in boxes.

Near this spot we saw a sp. of *Pinus*, which we were
informed at the House was brought from Portugal, & planted there,
and not indigenous, it appeared to be *Pinus Pinaster*; leaves in pairs.

29th8th
9th

Thursday. Morning somewhat cloudy. Employed the whole of
this Day on the Mountains, ascended the Peak, collected
seeds of the plant of the *Quercus* discovered on the 24th July near
the summit. - on the side of the Mountain in a low situation
collected plants of a sp. of *Desmodium* - duplicate seeds of
Rhexia *Kalmianoides*, No 207 Seed list, before collected on the 23rd -
about - the sides of the hills were covered with this beautiful plant
in full flower, while near the summit of the Mountains, it had
found in many places capsules which were ripe. - On the path
over the Mountains (on the way home) collected seeds of *Bigonia*
sp. *legumen peltate*, No 265 Seed list - another sp. with large

34.
1815.
June 29th
cont.

ovate ciliated legumens, terminated with an acumen (N. 240
seed list) - collected roots of Jatropha sp. - roots of
sp. of Anolis, - gathered in the Wood - seed of a sp. of
Malpighia (N. 203 seed list) drops large of an seed coat.
- duplicate seed of Melastoma sp. articulated leaves, calyx
permanent red N. 200 seed list.

Returned in the Evening. Fine Herons

30th
8 am 56

Friday Morning fine. Employed ourselves this morning on
the Mountains, collected some young plants of which we have
not got either seeds or specimens in flower - some Epidendrum
Fern, and a Cuscuta sp. flaccid leaves attached parasitically
on Trees.

Also maps for packing up the Plants. Returned to
our Head quarters at one o'clock P.M. Packed up all our
collection of plants in boxes, our specimens & seeds in Paper
and left Juazeiro for the City at two o'clock P.M. -

Arrived in the City of St. Paulo at dusk. Afternoon
dark & cloudy threatening rain. - On the Road collected
some trilocular Capsules, from a deciduous tree N. 241 seed
list. and specimens of a shrub of the Class Monandria Monogynia
(flor. lutea) -

July 1st
8 am 59
12 am 60

Saturday. Morning fair but cloudy. Employed ourselves -
the whole of the Day, drying & cleaning seeds, & attending
to specimens, collected some day, part at Juazeiro.

2nd
8 am 59
12 am 60

Sunday. Morning dark and cloudy. Cleared up about
10 o'clock, A.M. Remained within.

3rd
8 am 59
12 am 60

Monday. Morning dark and cloudy. Employed the morning
near St. Paulo, collected young plants of Melastoma sp. small

1875.
July 3rd
faint
glassy leaves, and red stems, of which we could only obtain flowering specimens, viz. on the 3rd June last. - Young Plants of *Andromeda eriophylla*, which we discovered at the same time, growing in a black bog.

Near this spot we collected a considerable quantity of Moss (in a bog) for packing up our plants. Returned - at One O'clock, P.M. While we were out we collected seeds and specimens of asp. of *Melastoma* & several rough leaved (N^o 268 seed list) specimens of *Melastoma* sp. allied to *albicans*, - and specimens of an octandrous shrub, perhaps a sp. of *Cupania*?

Employed the afternoon packing plants in Boxes.
Atmosphere became fine and clear at 11 O'clock, A.M.

4th 3rd 35 Tuesday. Morning foggy, cleared up early. Day fine. -
Am
12 53rd Employed ticketing and examining specimens. Evening serene.
M.

5th 8th 49 Wednesday. Morning very foggy. Fog thickened, till dispersed about 10 O'clock, A.M. cleared up. Day very fine. Collected
Am
12 67 Moss about two miles from the City for packing plants, Employed
M. the Afternoon, examining and ticketing specimens.
Cloudy in the After.

6th 3rd 53 Thursday. Morning very fine. Atmosphere mild. -
Am
12 Collecting (this morning) *Tillandsia*, and other parasitical
M. plants, - specimens of a new *Dendrobium*? flowers in a spike, - seed of a new sp. of *Gouphria*, small leaved, specimen of which were collected before. - N^o 258 seed list.

7th 3rd 60 Friday. Morning dark and misty. This day we went out on
Am
12 the road to St. Amaro, collected plants of *Tillandsia*, *Epiphyllum*,
M. 60 Ferns in dense Wood, and a parasitical sp. of *Pothos* of the

July 15.
July 7th cont.

Habit of a sp. of *Piper*.

Cleaned up at mid. of day, & all. Evening serene.

8th 1st 52 Saturday. Morning very foggy. Out on the road to S^{te} Anna, collected some other species of *Tillandsia*, with some of the *Orchideae*, and a sp. of *Pothos*, with large fleshy petioles, called by the Portug^l on that account "Banana do mate," a Banana of the woods.

Day very fine.

9th 1st 57 Sunday. Much Rain during the last night, continued this morning, till 10 o'clock, & all. Flying Clouds, much Wind. Rain again in the Afternoon.

10th 1st 56 Monday. Morning very fine. Wind cold and bleak. Employed picking specimens, and packing plants in Boxes, 12 60 In the Afternoon took an Excursion to S^{te} Anna, about two Leag^{ues} from the City - Slept there at night - Strong Frost at night.

Wrote this Day to Sir Joseph Banks, & Mr. Aitken

11th Tuesday. Morning frosty. Strong Frost on Plants, the Bananas and Coffee trees suffered much by it.

Out on the Camp and Woods this Day, collected seeds of *Bigonia* sp. which appeared to be the green-flowered, observed at Rio, but of which we could not obtain good seeds, on account of insects. - No 295 seed list. part of another sp. of *Bigonia*, with bipinnate-leaves. No 294 seed list. - saw nothing else, but what is common at S^{te} Paulo.

Returned to the City in the Evening. Rain in the night.

Feb 7

1815
Feb 7th

of a few succulent plants on the Rocks, with the water running continually thro' it and the other (N^o 2) upon the other of a tiny high tree. I observed the parasitical growth of a sp. of *Ficus*, being a young plant, placed on the side of a large tree about 20 ft from the ground, and which I saw was making roots to reach the Earth, so precarious was it of life. — This Mountain is 700 measured feet; above the level of the sea

8th Feb. 84 Wednesday. The specimens collected yesterday, and with which we did not get home till late, found us sufficient employment for this day. Among the specimens were 87^a 90^a sp. of *Lida*, *Colitis* nearly allied to *perkinsi quadrangularis*, mother of the *Apocynum*, *Umbellae* sp. &c.

9th Feb. 85 Thursday. Starting early in the morning. The fastest sail ship a British ship of war, having arrived, (and being under sail) which is in England, makes us anxious to endeavour to secure some good seeds &c. — On the Mountains this afternoon, got a specimen of the Genus *Scutellaria* (then also another *Thymus* not met with before, & a climbing — *Epidendrum*: Leaves N^o 3. — Heat very great this day no wind. Clouds rising at 3 P.M. Distant Thunder. The plants on the neighbouring hills already beginning to flag with drought.

10th Feb. 82 Friday. A very heavy about 5 o'clock, & all day shadowy sun after. Cloudy at 7 o'clock, & all the time most part of the day, went to the Intel General's to try what information we could obtain with respect to the Island travelling. The accounts we received before were unsatisfactory and contradictory. — Collecting specimens in the remaining intervals of the day.

11th Feb. 78 Saturday. Continued this morning to set specimens ready for packing. Morning fine, light clouds. This, and the preceding day were much cooler, than what we had been used to, lately. 12^a 85 4th 86 Made up all the seeds & specimens we had try. In the afternoon got specimens of a *Lida*, a parasitical *Ficus*, two *Trigoniacae* new? with seeds of some others, ^{not} distinctly known. — The clouds here are insupportable, having been over

1815.

July 12th

9

52

Wednesday. Morning fine and mild. Employ'd the morning on the Camp behind the Bon. Jesus. N. E. of the City. -

12

67

Collected some duplicate young plants of the *Aracaria*, - Roots of *Pontederia* sp. with a white flower, - do. sp. with a blue flower, - duplicate plants of a beautiful Fern, fronds palmated, roots of small-fruited Cocos, in a - vegetating state.

Packing the same in the Afternoon.

13th

8

53

Thursday. Morning very foggy. On the Road to Jaraguá, collected plants of *Taxus* sp. before noticed. - specimens of

12

67

Sp. dendroica sp. slender sheath'd. leaves. flowers yellow, plant of a curious reticulated Fern, and duplicate plants of *Orchis* sp. -

Day beautifully fine.

14th

8

58

Friday. Morning somewhat foggy. Day fine. Collected

12

60

on the Road to St. Amaro. Three sp. of *Orchis*, one sp. of *Meibomia*, with some others of the Class *Gymnandria*. & seeds of *Asphodelus* sp. in volucre s. band. No 286 dead link.

15th

8

57

Saturday. Morning fine, in the early part, much Wind.

12

60

Overcast at 9 o'clock, & ill. Atmosphere very dark.

12

65

Picking and packing specimens the whole of this Day.

Afternoon dark and lowering, with appearance of Rain

16th

8

10

Sunday. Morning foggy. Atmosphere fine & clear at

12

60

10 o'clock. Remained at home. Dark and lowering in the Afternoon.

17th

8

57

Monday. Morning cloudy. Rain at 9 o'clock, & ill.

12

57

Showery most part of the Day. Out on the Road to St. Amaro

20/1875
July 17th
Sat.

V

collected seeds of a large seeded *Bignonia* A. 566 seed list -
specimens of a beautiful sp. of *Onocidium*. flowers red, - plant
of *Bignonia* sp. with orange flowers "Flam de St. Jean" of
the Patagonen - specimens of *Myrica* sp. allied to *M.*
gregii. - seeds and specimens of *Solanum* sp. small -
green berries. No 255 seed list - seeds and specimens
of *Vanania* sp. No 269 seed list - specimens of a
Tree of the Cig's Monastery of Rio Jap'a as an *Hibiscus* -
(*Stenopermoides*) No 582 seed list. - In the afternoon
took a walk with a Padre a Priest to see a garden in
the neighbourhood, examined a root of a new sp. of
Amayllis, said to be indigenous, in the woods on the mountain
near St. Rume. we also procured roots of a sp. of
Alstroemeria (allied to *A. alba*) found wild in the woods.

18th
8 am

57

Tuesday

12 am

58

Morning dark, and heavy atmosphere. Rain at 11
O'Clock, it all. Storms near the whole of the Day. -

4 P.M.

59

Employed ourselves this Day, examining and ticketing specimens.

19th
8 am

53

Wednesday

12 am

54

Morning dark and cloudy. Rain in the Afternoon
on this amount, we were prevented from leaving Home.
Examining specimens.

20th
8 am

55

Thursday

12 am

56

Morning dark, atmosphere heavy. Wind S.E. black
and cold.
Remained at Home, ticketing and arranging -
specimens. Frosty at Night.

21st
8 am

57

Friday

Disturbance in the Morning, cloudy, small rain.
Rain at 10 O'Clock, it all. Fair at 12, 10. Out
the Camp, collected some few duplicate seeds; and sent

1815.

of a Tetrandrium plant. Capsules A. laevis; No 273 seed list; no specimens could be procured. the plant being dead to the ground. - On a Bog, collected plants of Eryngium sp. Afternoon cloudy.

July 22nd 3rd 47th Saturday. Morning fine. Overcast at 11 o'clock A.M.
12th 53rd Employed at some packing plants in Boxes. Cold Wind.

23rd 2nd 50th Sunday. Morning very fine. continued so the whole of the Day. Flying clouds. Frosty at night
12th 58th

24th 8th 50th Monday. How cold atmosphere this morning, with a fog. Fine throughout the Day. Employed on the S.W. of the City: collected seeds of a Tree of the Malvaceae, capsules A. laevis, called to Collectia No 275. Seed list - plants of a subaquatic (Eryngioides) 3 several species. - Solanum with white oblong-leaves. Collected a Curious sp. after Archidea. On the bank of a Tree, the plant has leaves - very thick and small like a Crapula - seed of a Symplocaria Climber, No 290 seed list - and specimens of Lycopodium sp. in a Bog. Returned at one o'clock P.M.

25th 8th 50th Tuesday. Morning frosty. Frost from the last night. Fine throughout the Day.
12th 53rd Examining, tickling and packing specimens.

26th 8th 50th Wednesday. Morning foggy. Day fine. On the Road to St. Anns, collected duplicate seeds of Distichlis sp. No 125 list. - Plants of the species of flamm. must be noted, and roots of Orcher sp. with large spatulate leaves.

1815.

July 27th

Thursday. Morning foggy. Made an Excursion Thursday
from the City on the Mountains behind St. Anne, in order
to collect bulbs of an *Amaylla*, said to be found indigenous
in the Woods, a bulb of which we secured from a garden on
the 17th Feb. We could not find the particular spot in
which they were said to grow. Collected seeds of *Malvaceae*
sp. *hippuridica* leaves, not before observed, No 288 seed list
- another of smooth yellowish leaves No 289 seed list
seeds of *Alumina* sp. *glauca* flowered; No 289 seed list
plants of *Malvaceae* - *Alumina* before discovered.
at Jaxona, on the 17th June last. - Collected *Malvaceae*
collected plants of *Alumina* sp. *hastata* leaves. - seeds
of *Crataegus* sp. on the Mountains, the tree was *Alumina*
No 283 seed list - seeds of *Crataegus* sp. No 284
seed list - some *Syringaria* plants No 289, 290
No 283 seed list - plants of *Alumina* sp. *hastata*, herbaceous
and elongated, with specimens in flower.

Returned at dusk, having walked about 24 -
English miles.

Friday Morning foggy. Fine clear day.

Revised specimens, cleaning seeds and packing plants
collected yesterday.

Saturday Morning very foggy. Packing plants in boxes
collected on the Banks of the River Tota, seeds of
Alumina sp. (leaves) No 288 seed list, seeds of a
Syringaria plant No 290 seed list, and duplicate seeds
of *Alumina* sp. before collected.

Beautifully fine the whole of the Day.

Sunday.

Morning very fine. Remained within

1813.

July 31st 5th Monday Morning fine. Employed the Day, collecting plants of *Leguminosae* sp. long narrow entire leaves with horizontal spines on the margins, - plants of *Rhynchospora* sp. with large flowers. Found the *Stylis* of the *Chelydromorpha* and roots of *Orontium* sp. with large broad leaves. Rained at 12 o'clock, and showered soon after. Rain at the close of the afternoon.

Aug 1st 6th Tuesday Morning foggy. Day fine. Employed the Day, and out in the Camp, collected plants of *Humulus* (various), *Urtica* (white-fruited) and some new *Psidium*.

3rd 7th Wednesday Morning cloudy. This day collected plants of *Malastoma* sp. allied to *M. albicans*, - another which is like it, but certainly distinct species, then some *Urtica* growing in the open Camp in exposed situation. Duplicate plants of *Malastoma* sp. smooth round leaves, red-stalks in wet boggy situation - plants of *Psidium* sp. red-fruited. - roots of a shrub of the *Clethra* *pentandra*, with yellow flowers. of which specimens were collected on the 1st of June last. - No 301 was lost. Cloudy most part of the Day.

3rd 8th Thursday & Monday dull and heavy, with violent signs of rain. Employed writing fair lists of the contents of the Box. Staid up at one o'clock, P.M. Fair in after-part of the Day.

4th 9th Friday Morning foggy. Staid up about 10 o'clock, A.M. Collected the Day duplicate seeds of *Linum* sp. allied to *linum* sp. with changeable flowers. No 303 was lost, and of some type

40/1313

day 5.

There are a few *Epilobium* of the Day. - Quite fine the whole of the Day.

3rd 5th Saturday. Morning foggy. Day fine and clear.

12th 6th - Working fine copy of the list of seeds collected at Paulo.

6th 7th Sunday. Morning dull - much wind. Fine clear day. Remained within.

12th 8th Thick fog at night.

7th 9th Monday. Morning fine, distant fogs. Visited upon the Governor the Comte de Palma, in order to inform him.

12th 10th Excellency that it was our intention to leave St. Paulo, in a few days, having collected all the seeds in the neighbourhood of the City, and also to thank the Excellency for his kind assistance, with a View to further our Botanical researches during our stay at St. Paulo. - The Excellency very obliging and in the most pressing time, invited us to dine with him to which we accepted, altho' we had in account of particular circumstances to be excused. - Day fine and clear.

8th 11th Tuesday. Morning foggy. Beautifully fine throughout the Day.

12th 12th Working list of seeds in the Morning. In consequence of the invitation of yesterday, we dined with his Excellency, who showed us every possible degree of respect.

Among the Toasts drank, were "The Prince Regent of England," "The Prince Regent of Brazil," and in a particular manner the toast proposed "The greatest Botanist in England," which was drunk unanimously; His Excellency speaking at the same time, in the most respectful manner of the most eminent services rendered by Sir Joseph to the whole of the scientific world.

1815

Aug 9th

Wednesday. Morning cloudy. Waiting letters to the Capt. Banks, and Mr. Adams, enclosing List of Books sent sent in Boxes.

10th

Thursday. Morning cloudy with appearance of Rain. which commenced at 1 o'clock, P.M. Afternoon clearing.

On consequence of passing invitation from the Ill^{mo} - Colonel General James Smith da Fonseca, to whom a letter stated, we received a letter of Recommendation; we went upon him at two o'clock, P.M. to dine with him, his Excellency the Count de Palma being present. After dinner, his Excellency proposed (among others) the Health of Sir Joseph Banks, which was drunk by all the Portuguese at the Table unanimously. At the same time, his Excellency alluded (as on the 8th) to the important services of Sir Joseph.

His Excellency expressing that we might not experience any difficulty on leaving St. Paulo, very obligingly mentioned that he would grant us a Soldier to accompany us on our way, on the Road, in order to assist us with our Mules.

11th

Friday Morning fair. Finished packing our Boxes & settling all our affairs, in order to leave St. Paulo on Saturday week.

His Excellency sent us this Morning a Passport, by which we were authorized to travel in any part of his Captainship, and it also begs that in recognition of the former Passport, which we received from the Marquis de Aguiar. — — — — — we might not be interrupted in any of our botanical excursions, when out of the jurisdiction of his Captainship, whether we turned aside, ahead the public Road.

Thunder with heavy Rain early in the morning.

1813
Aug 12

12
Saturday Morning fine. Packed up all our Papers & Luggage, and gave directions respecting our Boxes, containing our Collection; which we left in charge to be conveyed to Santos, to be then shipped for Rio de Janeiro, directed to the care of Mr Chamberlain, the British Consul General. Rain in the afternoon, and again at night.

13
Sunday Morning dark and cloudy. Showery in the afternoon. A thick Rain at night, with distant Thunder.

14
Monday Morning dark and cloudy. Showers all the morning. Having packed up all our Luggage & loaded our Mules, we took leave of our Friends, and left the City of St. Paulo, at 10 o'clock, & all arrived at a small Village 2 1/2 leagues distant, some time before we put up for the Day.

The Soldier that was ordered to attend us a few leagues on the Road, was having made his appearance at our lodging, we left the City without him, but he followed us and we met at the Village.

15
Tuesday Dark, cloudy (and disagreeable) Weather. - Morning calm & cold, small misty Rain. Left the Village at eight o'clock, & all arrived at Alagoi das - Cuyas at 3 o'clock in the afternoon, having travelled about 30 English miles.

On the Road, gathered specimens of a large - herbaceous sp. of *Hamamelis*, flowers in spreading panicle. Specimens of a curious plant, rays long & curved white, in short by. - specimens of a small spiny plant, and a shrubby

1815.

Aug 5th
Contd

sp. of Phlox, flowers yellow - This day we passed the
Eucalyptus before observed on the 1st May last; it was now out
of flower and from its general habit appeared to differ little
from the one.

Atmosphere continued dark and cloudy. Fog at night.

Wednesday. Morning foggy. Remained at Moji all the
Day. Took an excursion in the neighbouring woods, collected
seeds and specimens of various sp. - No. 524 collected here - and
and specimens of Malvaceae of a large tree No. 525. 1st and
and a plant of Malvaceae coriarioides, which we found on
the open ground, but which did not survive long, with a very
small part of it. - seeds and specimens of a grass sp. -
leaves ferruginous, No. 526. 1st and 2nd - seeds of *Glycyrrhiza*?
Dioscorea *Decandrea*, a beautiful scarlet flowered shrub, -
specimens of which we sent from St. Paul - seeds of
another sp. of *Dioscorea*, and cupulate seed of *Cymophora*
sp. No. 527. 1st and 2nd.

Dark and cloudy atmosphere. Foggy at night.

At Moji we were informed of the departure of all the Porters (it being
now winter) from Moji rather than, as we had expected, to
return to the Captain's house, and during our stay, requested him to find
us with the same number to the next stop. Our letter had arrived before
we could do so, to prevent them from leaving.

Thursday. Morning rain, cold, and foggy. - Left Moji at
7 o'clock, at 11. and arrived at the Banks of the River
opposite to the little Village of Jacaranda in the evening. On
account of our animals having travelled a considerable distance, &
had become warm, we thought it more prudent to stop within
sight of the River, during the night, than to move them over in the
present state.

Collected on the Banks of the River, seeds of *Erythrina* sp.
No. 528. 1st and 2nd - seeds and specimens of *Albizia* sp. from
No. 529. 1st and 2nd - seeds of *Justicia* sp. purple flowered, No. 530
1st and 2nd - seeds of *Albizia* sp. very long, and angular - seeds
of *Albizia* sp. white flowered No. 531. 1st and 2nd - seeds and specimens
of *Albizia* sp. (No. 532) No. 533. 1st and 2nd - specimens of a

The Capt. Mr. Smith on
the banks of the River.

40/8/5
Sept 17th
cont?

Shrub, flowers ochraceous almost white, with specimens of some
Symplocos plants.

After a diligent search, we collected bushes of
Anacardium sp. discolor (as before stated on the 15th April).

This day we passed the largest Arumaria in Peru, we
have seen in Brazil. - We hired a Conductor to
and look after the Mules on the Road, until we should
arrive at Tiquichy. Night fine and clear.

18th 15 Friday. Morning somewhat foggy. Left the River
this Morning, passed thro the Village of Jucayja, and passed
to a Linda via Lago from Abubato, where we stopped for
the Night leaving 5th P.M. to our left.

This day we passed some large deciduous Trees in
flower, which proved upon examining the flowers (which were
yellow & purple) that had fallen to the Ground, to be two
of Begonia but on account of their great height
could not procure specimens. Saw nothing else particularly
interesting. The Road for the most part being bordered by
Wash, nearly choked by Cane, admitting nothing
to be seen but the sky. Our porters having arrived in
leaving the mules and the River, returned back to the
tender with him the Boat and we by the Capt. m. and
we proceeded with our own Mules.
Evening dark and cloudy.

19th 16 Saturday. Left the River at 10 o'clock, A.M. and
travelled about 24 English Miles, arrived at
Abubato at 3 o'clock, P.M. - The day was very hot the
day.

On the Road collected seeds of Crotalaria of N. 370
and list. specimens of Justicia sp. (scarlet-flowered) specimen
of Adiantum (Goniomacra) from this neighbourhood, of
which we collected seeds before, on the Camp of Abubato Tiquichy.
Abubato (N. 26 seed list).

Evening fine and clear.

1815.

Aug. 20th

(47)

50 Sunday Morning fine. Remained at Atlatla this Day

Took a walk on the Camp near the Village, collected seeds of *Justicia* sp. (N^o 313 seed list) - specimens of *Justicia* sp. long ringent flowers. - seeds of *Abanema* sp. shrubby, leaves soft and woolly, flowers whitish, N^o 400 seed list. - seeds of another common on the Camp, leaves ovate, N^o 383 seed list - duplicate seeds of *Begonia* sp. an old seed. - seeds with an hooked seed. - *Calypso* 3-leaved colored (red) N^o 388 seed list. - seeds beneath the 14th - seeds of sp. of *Psittacina*, N^o 389 seed list - seeds of *Begonia* sp. - seeds long and linear. N^o 389 seed list - collected some seed pods (unknown) in the Woods. (N^o 381) seed list - near the margins of Woods collected seed pods of one of the *Scitamineae*, N^o 356 seed list and seeds of some *Synanthera* plants N^o 399 seed list.

Continued very fine the whole of the Day

21st Aug. 52 Monday Morning fine. Continued this Day at Atlatla

Employed ourselves on the Camp, collected seeds of *Platanus* sp. flowers deep purple (very beautiful) leaves soft and woolly, N^o 370 seed list - *Melastoma* sp. large smooth leaves - with white flowers, specimens, - seeds of *Melastoma* sp. small smooth leaves, N^o 377 seed list - seeds of *Opas* sp. N^o 372 seed list - seeds verticillate - seeds and specimens of *Abanema* sp. flowers yellow, N^o 370 seed list - *Desmodium* squarrosus seeds, leaves ovate, from abundant common on the Camp, N^o 353 seed list - specimens of a new sp. of the same genus as the *Clap* *Synanthera* called to *Melastoma*, flowers of this sp. smaller than the species before collected. The arborescent, with the *Melastoma*, in low wet grounds, almost smothered with *Ruellia* grass. On the open Camp, collected seeds, ~~of a tree~~ of a tree (now without leaves, which we observed, when we passed on the Road to St. Paul; when in leaf it has and

1816

May 21 / cont.

the appearance and habit of a *Podia*, the flowers however are polyandrous - No 368 seed list - Duplicates sent of a shrub of the *Bignoniaceae*, first collected on the 27th April - list - and getting pieces of *Asplenium* sp. very large - No 339 seed list.

Returned back to our Camp quarters in the afternoon. Beautifully fine the whole of the Day.

22nd

May

22

Tuesday. Morning cloudy. Left Ambala at 10 after A.M. and arrived at Villavieja 3rd League from the Villa de Pinda Michingucaba, having travelled about 5th Leagues. Stopped at Villavieja at two o'clock, P.M. - Collected seeds and specimens of *Podia* sp. No 398 seed list - got some uniform Leguminous capsules, from the ground beneath a large deciduous Timber-tree (probably *Dacrydium*) on the Roadside No 399 seed list - some had seeds from another Tree, likewise on the Roadside, but could not procure specimens - specimens of *Alchornea* sp. (uniflora) in a box on the Road near the Villa de Pinda Michingucaba - and seeds of *Asplenium* sp. No 346 seed list

The Sun was hot and scorching the Day. Stopped at the Villavieja for the Night.

23rd

May

23

Wednesday. Morning very foggy. Left the Villavieja, passed the Villa de Guaratiguita, and arrived at Villavieja de Loma, at 4 o'clock, P.M. Collected on the Way seeds of *Bignoniaceae* sp. No 400 seed list - seeds of *Ipomoea* sp. leaves upright and small, with yellow flowers in narrow Valley. No 401 seed list - seeds of *Dolichos* sp. very large seeds - seeds and specimens of a plant with Corolla & 5. lobes in all seed of *Asplenium* very prickly; plants dead to the ground -

N^o 362 seed box - capsule (black & red) of a ^{very} plant common on the Pampas, allied to *(Andropogon)*
N^o 373 seed box

Day very fine

Aug 24th

25th Thursday. Morning very foggy. Rector and others -
the day, remained at the Villa. - Having received a letter
of recommendation from a Priest at St. Paul, to the Vicar
of the Villa, who was requested to show us some Trees,
that grow here - we wanted to wait upon him with the letter,
but being a Saint Day (St. Bartholomew), we thought it
was advisable to postpone our visit till tomorrow.

Left our lodging after the fog had cleared off. -

Employed ourselves drying and sorting our specimens and seeds
which had become rather heated.

26th Friday. Foggy in the early part of the Morning. Fine
and clear at nine o'clock, &c. &c. Went upon the Vicar
with our letter, who having read the contents of it, very
obligingly sent a guide, with us, to show us some valuable
trees, I bearing resin, & condensed Balsam, and the fourth
the dryness of the skin of Bull's - Went with our guide
to the Woods in the neighbourhood of the Villa, who pointed out
to us the Trees, but on account of their great height, we
could not obtain any seed specimens; we collected a piece
of the Resin of two of them, that had oozed out near the base
of their Trunks.

On the way collected the following seeds viz -
Psychotria of ~~the~~ *barbata*, N^o 396 seed box - duplicate seed
of a *Centrosema*? flowered plant, only seed, capsule, N^o 223 seed
box - duplicate seed of *Malvaceae grandifolia* (N^o 19) seed
box - *Psychotria* of *barbata* black, N^o 396 seed box - *Cypripedium*
of *speciosa* seed box, N^o 393 seed box - *Didymopanax*
apocynifolium

50/1815.

Aug. 25th
Cont.

a beautiful small flower. N. 458 last list. — Fruit in
partially a large slender Tree. N. 341 last list. — black
giving a fine Eye — *Caryocarpus* sp. 394 last list. —
of a *Syngonium* plant flowers yellow N. 450 last list. —
of one beautiful speckled capsule with red and
Maritima sp. large seed. N. 392 last list. —
of *Gamphelia stipularia* N. 372 last list.

Returned at 2 O'clock P.M. —
by the Vicar, who was much delighted with the number
of seeds we had collected the Day, & that we could not get
other such specimens of the fine trees above mentioned.
Upon taking his leave of us, he gave us a kind &
friendly invitation to his House in case one or both of us
should return from Rio de Janeiro, for that with other
acts of kindness we thank'd him.

25th — 23rd Saturday Morning (on the preceding foggy. Fine &
clear at 9 o'clock A.M. Hot and sultry throughout
Day. We left the Villa de Leticia, & travelled 16 English
Miles arrived at the Serra at afternoon. Stopped for the Day
the Mules being much fatigued. On the Road collected many
Cecropias of specimens and from St. Paulo, N. 348 last list
— seed and specimens of acrobates, with several seed cones
in the Hedges all the way to Itapicuru in Ceará. N. 391 last
list.

Evening fine. Wind changeable.

27th — 25th Sunday. Morning foggy: atmosphere thick & gloomy
Dry fine and clear. Hot and sultry. Fine and dry
Climate. Took a walk in the neighbouring Woods, collected
seed and specimens of *Psychotria* sp. flowers yellow, being the
first of a handsome shrub (N. 345 last list. — another of
shrub with green berries N. 415 last list. — seed and specimen
of *Blauana* sp. another *Mangia* of Wood. Cassia a berry has

covered with a corky substance. No 390 herb list - and a
specimen of (Laportia?) a Tree of 25 feet exposed in height
on the Camp No 400 herb list - seeds of fresh green
glycyrrhiza (fig-fruit) No 419 herb list - another of white-
-barked No 330 herb list - seeds of one of the L. leucocarpa
(C. leucocarpa) No 356 herb list, with a few others.
- Chrys. shining and hairy Legumes. No 419 herb list

28. 58. Morning foggy & rain with stormy
Clear up about 10 O'clock. A. M. Hot and sultry.

We departed from Miravite and travelled about 4 leagues
put up at a house, about two leagues distant from Solina.

Views of the woods on the Roadside, that had been cut
up for in order to clear the ground for the cultivation of
cassava, a kidney bean, or Indian corn, the ground was
all smoking and in some places the smoke was red hot

Collected on the Roadside Legumes of a climbing plant,
leaves subglobose. No 350 herb list. - Legumes of a
fig. long-petioled from a large tree (cypripedium) No 346 herb
list.

This day we had a specimen of steep hill Rabb.
Evening fine and serene.

29. 1. Tuesday Morning foggy. Day very fine. We were detained at
the little Rancho, the whole of the Day, in consequence of one
of our mules having escaped from us, and was not found, till
too late to resume our journey this Day.

Took a walk, on the side of the Mountains in
the neighbourhood, collected seeds of a sp. of Melastoma with
a very long pendulous bristly hairy leaves 5-lined. No 409 -
herb list - seeds and specimens of Justicia sp. very slender
pink flowers erect. No 410 herb list. Leaves of a sp. of -
(Mentha?) of the glycyrrhiza. Fruit large and black, leaves rough,
No 358 herb list.

23 1875.
Aug 22nd

Dark and Cloudy in the Evening. threatening Rain. Dark and
Some Rain in the Night.

30th Wednesday. Morning dark and Cloudy. Left the River
in the Morning and passed the Foreigner's house, arrived at
Maria Lawrence, put up at this place for the night.

Collected on the Road, seeds and specimens of *Centropogon*
No 322 seed list - specimens of a thorny shrub, with
very small purple flowers (*Centropogon*) and cultivated round
Cape Verde not ripe - Collected some large Capsules from a
tree (see Description) near St. Anna. They had the appearance
of *Albizia*, but proved good Capsules containing ripe seeds.
No 323 seed list - seed of a *Syzygium* Cluster which was
supposed to be a *Strobilanthes*. Also a small one with red fls.
No 324 seed list -

Flying Clouds the whole of the Day. Evening overcast,
leaving for rain.

31st Thursday. Morning fair, but Cloudy. This morning we left
the River, (Lawrence) and travelled about 5-6 leagues, arrived
at a large Rancho, called Formosa, about 10 leagues from the
River. Our studies are completely tired out this day in
account of the steepness of the Road in many places, the
ascent and descent being exceedingly fatiguing.

This day we collected Legumes of a climber
supposed to be a scarlet flowered *Dioscorea* but of course
did not see one today to be sure. No 345 seed list -

On the sides of the Road on the Mountains we collected -
one of a sp. of *Ruellia*, very much allied to *R. peruviana*
but somewhat different. No 346 seed list - gathered the fruit of a *Passiflora*
without spines, from a tree about 20 feet high on the margin
of a wood with large leaves. No 347 seed list - seed of
abundant sp. of *Syzygium*, leaves very large and uncinated.

1815

Aug. 31st
1815

N. 342 Chablis. - etc. fr. a cluster, with undulate
obovate leaves N. 343 seed list - each fr. of
Asclepias, foliolar large and woody. N. 344 Larkspur - leaf
of a Climbing Hawk flower secundrose, Capsule contains one
(or two) seeds N. 373 seed list - specimens of *Allyceia* fr.
leaves from young and peduncles hairy. - & specimens of
Passiflora fr. red-flowered. -

This Day we travelled over a very high, steep and -
mountainous road. Day cool. Evening fine.

Thick and high specimens, which were very damp.

Sept 1st

- Day. Fine. - Clouds on the surrounding
mountains. We left Formosa early this morning, &
proceeded forward over a very steep road. we arrived at
the Freguesia de Bonaval at two o'clock P.M. -

Having a letter for the Vicar, we wrote after
the afternoon, and left a mule that had been put under
our care at St. Paulo, who brought them. This is a
small brick, the Church for St. Paulo, which are situated
outside, at front of the building.

On the Road gathered seeds and specimens of
a white-flowered *Didymia* plant; N. 347 seed list -
Repeated seeds of *Begonia* fr. leaves very large N. 348
seed list - specimens of a parasitic plant like -
Tillandsia, with rigid, undulate leaves; and roots
of *Mollia* fr. red-flowered from dry banks on the road
near Bonaval, in sandy soil. Day fine &
warm. Afternoon overcast dark and cloudy, with -
appearance of Rain.

2nd Sept. Saturday. Day very fine. In forenoon of one of our
Mules having escaped from us, we were detained at this
place. Employed most of the day drying our specimens.

54/1815.

Sept. 2^d
cont

and drying seed.

Entered seed in last list in the N. T. 1800.

3^d Sunday. Morning foggy. Day not yet passed -
we continued at Bananal to day. There we collected
some specimens. Took a walk in the woods of neighbouring
Mts. 1st. a collected seed & specimens of a sp. of Melastoma
with ferny, narrow serrated leaves, and very small white flowers
- 420 seed list. - seed of - shrub with dichotomous
capitate leaves observed at St. Paulo, but from different
tree seeds - 425 seed list - seed of a tree with
a capsule extremely crooked. No 429 seed list

The day continued fine throughout

4th Monday. Morning foggy. Clear up. Day turned out
very fine. Detained this day at Bananal, on account
of our mule, which had things wrong, not being found -
till too late to proceed on our journey. - Shifting
specimens, drying seeds and packing others.

On the Neighbouring Mts, we collected specimens
of Sigesbeckia for glass purposes, - another sp. with yellow
flowers, and long attenuated ternate leaves - and a root
with sp. of Palo? without leaves, inflorescence. -

Packed up all our specimens and seeds, with a
determination to proceed early in the morning, as on Friday

5th Tuesday. Morning fine. Day sultry hot. This morning
we proceeded on our journey, left Bananal, passed the
Rio de Pedras, a river of stones, and at the close of
the afternoon, reached a house, called the Fazenda dos
Santos, having travelled about 20 English miles, put up here

1815.

Sept 4

and

for the night. — On the Road we collected fruit
of asp. of *Passiflora*, green, with a purple tint at its
open. No 313 See list — seeds of *Solanum* of large
smooth-leaves, and white flowers (No 310 See list) another
sp. flowers in globular heads. white — No 313 See list —
duplicate seed of *Passiflora* sp. 319 See list — duplicate
seed of *Didymopanax* plant, of which we gathered specimens on
the 1st inst. — specimens of a new sp. of *Peltandra*. —
an erect shrub in a dry exposed situation on the
Roadside near the little Verde, where we put up, where
we were on the Road to St. Paulo on the 1st April last.

6th - 58 Wednesday. Morning foggy. Day sultry. Continued our
Journey, early this morning. We left the Fazenda, traversed
a very mountainous, rough, stony Road, descending the
whole part over the Mountains. At the close of the Afternoon
we stop'd for the night at a very small Rancho in a valley,
called Barra, about 3¹/₂ of a league from Olinda. —

Collected duplicate fruit of *Passiflora* sp. No 318
See list, gathered yesterday — duplicate seeds of a climbing
Begonia. No 313 See list. — seeds of a large fruit
of *Passiflora*. No 319 See list. Legumes of a sp.
of *Passiflora* before observed.

Evening fine.

7th - Thursday. Morning cloudy. We left the little Verde
early, left Olinda, leaving the Villa de St. Joao Paulo
to our right. Ascended the Mountains of S. Joao and in
the Evening, arrived at a little Rancho, on the Mountain
about half a league from the Fe da Barra, a part of
the Mountains.

This day we found the River Paraty, without

15.
Sat. 3rd
cont.

Bigonia sp. frs very long and cylindrical, seeds very thick. No 433 seed list - some Orange berries, 4 locules from ashue. No 436 seed list. - capsules 3-lobed; seed cloathd with a woolly substance (*Monodelphous*) No 470 seed list - seeds of a tree (capsules 2-lobed) of the *Cabie* of Goyllow. No 464 seed list.

The *Feirad* at *Steca* formed by the heavy rain from the Mountains, which detained us, when on the Road to *St. Paulo* (Eight Days); was now quite dried up. Road very sandy and heavy. Rendering the travelling fatiguing.

Thyng clouds, threatening Rain. *Luna* at midnight accompanied by *Thunder*.

Sat. 4th *Wednesday*. Morning fair. Day very fine. Shifting our specimens: many of them, that has been collected on the *Road*, were in bad Condition. it being impossible to give the necessary attention to them, that they require while we were travelling.

At on the Camp collected fruit of a sp. of *Goupa* now deciduous. No 456 seed list, pulp eaten when ripe by the Portuguese who call it *Gempapperi* - fruit and specimens of *Gardenia* sp. corolla tubular, very long and sweet-scented. No 458 seed list - another sp. of *Gardenia* thorny, large sweet-scented flowers, oval fruit. No 452 seed list - 3rd species with small flowers, & round fruit. No 453 seed list - All these *Gardenia* grow on the Camp, that is overflowed with water, during the heavy rains, but now dry. - Beyond the River (tho' which we had to wade); on a very sandy Road thro' the Woods, collected specimens of a sp. of *Bigonia*, very large yellow flowers, terminal, leaves ternate very large. Shrub erect - seeds and specimens of *Portella* sp. on the margins of Woods. No 454 seed list - seeds of *fruticosa* sp. large clusters, on

56/
1915.

being obliged to unload the Mules, being shallow at this time.
We also passed (near St. João Marcos) another River. without
any difficulty, the stream, being very small and shallow.

V
Near the River Pirahy, on the roadside, collected
semi-angled green capsules from a tree, No. 428 seed list -
seed of yellow flowered *Polygonum* climbed of the habit
of *edibertia*. No. 429 seed list. - near Ollaria on
a sloping bank, collected seeds of a beautiful scarlet-
flowered *Labellia*, a slender herbaceous plant, No. 430 seed
list - seed of a sp. of *Sida*, flowers brown. No. 443 seed
list - specimens of a *Didynamis* scarlet-flowered plant
(parasitical) - a new sp. of the same genus, that was -
collected at St. Paulo & called by the Portuguese *P. da
Cobra* - - *Colanum* sp. Black berries & soft woolly
leaves. No. 506 seed list - seed of *Veronica* sp. at
a small distance from the Villa de St. João Marcos, No.
445 seed list.

Cloudy throughout the Day, threatening Rain.

Encamped in forest at night, under the Kaia, under which
we passed the night being badly roofed. - we found ourselves
wet with Dew in the Morning.

Sept 9th

Friday. Morning fine, after the clouds were dispersed. -
Left the Place, and descended the Mountains, arrived at
the Venca at Jacuhy, but the Englishman (our former host,
was in the City, and the Venca was left to the charge of
Portuguese. As we intend this House, is to be our head
quarters for some days, in order to collect many seeds &
specimens that are to be met with, on the Camp &c -,
we put up here.

Employed ourselves in the afternoon unpacking our
luggage, drying our specimens, and drying our seeds. On
the Sunday road from the P. de Serra, collected seeds of -

58/1815
Sept 9th
arrived

ovoid flowers, common on the Road, but we were not
able to procure seeds, till this time, in a damp shaded situation
of No 441 Seed list - seeds and specimens of a shrub of
the Clap Monadelphica, Capsules 3 lobed, seeds cloated in a
ferruginous coat. No 457 Seed list. - Collected & estimated
capsules from a tree, 1-2 seeded, red; before observed at
St. Louis. No 425 Seed list. - - seed of Erythrina sp. with
acutate, more deciduous, on low ground, frequently overflowed
with water. No 442 Seed list seeds and specimens of
Cordia a Varietia of large scabrous leaves. No 451 Seed
list - Leguminous of a simple hastate leaved plant, -
petioles alated. a Climber No 450 Seed list - seeds of
Bignonia sp. pods long and flat. No 448 Seed list -
specimens of a singular Polyadelphous Shrub, flowering on
the branch as we observed, in the Camp in place -
overflowed with water - and specimens of another sp.
with smaller leaves, in a similar situation.

Evening fine

10th Sunday Morning fine Day cloudy. Remained within
the whole of the Day.

11th Monday. Morning cloudy, with a few drops of Rain,
cleared up at 11 O'clock, at M. became very fine. No.
12th Bowie left me this Morning, in order to proceed to the City,
to receive Letters that we expected from Sir Joseph Banks
and Mr. Aiton) resting in the hands of Mr. Chamberlain,
the British Consul General for us. - We considered this measure
necessary, viz that one of us should proceed immediately
to Rio de Janeiro, in order to be informed of any new
discovery, the Letters might contain, that would govern
as to our present & future Labours, and also with respect to

1815.

Sept
11
Wed.

our Beaks, all of whom, we intend to put to pasture here
(at Taguig) being much better and cheaper than nearer the
city.

Employed myself in the Morning, shifting specimens
drying and clearing seeds, collected at different periods on the
road, which were very damp. In the afternoon
I collected seeds of *Banisteria* (convolvulifolia Cav.) No.
487 seed list - fruit and specimens of a *Pentandrous* -
shrub, the flower and fruit axillary on the stem; flowers red,
and ovate single-seeded, in light sand, sandy soil. No.
484 seed list - *Orange Legume*, 2. 4 seeds; from a shrub
bearing pinnated-leaves 3' to 5', petioles glabrous, No. 486
seed list - and roots of one of the *Ericaceae*, leaves
plicate in a damp leafy wood.

Evening fine and clear.

12th9th

Tuesday. Morning fine Day cloudy, overcast at 11
O'clock, at 12. with intermitting showers. - Shifting specimens
drying and papering seeds in the early part of the Morning.

Afterwards employed myself on the Campo de Bani
collected seeds and specimens of *Banisteria* sp. (aculeata) a
suberulent shrub, stem aculeated, No. 444 seed list -
specimens of two sp. of *Inga*, legumens of one, smooth and
shining, the other bearded - seeds and specimens of
Melastoma sp. with large 5-nerved-leaves, whitish-ferruginous
beneath, No. 510 seed list - seeds and specimens of a shrub,
of the *Convolv.*, with fillicles moniliform, seeds plumose, No. 524
seed list - seeds and specimens of a shrub, with ovate-
acuminate leaves, pods with seeds clothed in wool, No. 702
seed list. - collected some large fringed round fruits from
a slender Tree, margins of woods, I have not seen any -

VV

60/1915.
Sept. 12th
cont

flowers, but probably it will form anew leaves. when ripe
the pulp which surrounds the seeds, has the scent of a
fine ripe ellulod, No 460 Seed list. - Seed and specimen
of *Strophanthos* sp. large fruited a climbing shrub, No 578
Seed list - duplicate seed of *Amilax* sp. Orange berries
before collected - duplicate seed and specimens of
4 *Hibiscus* sp. 572 Seed list and specimens of a tubicord
flowered *Dioscorea* tree.

Returned at 9 o'clock P.M. when the thermometer
stood at 72 in the shade. Heavy Rain in the evening
with much Thunder and Lightning.

13th *Monday* Morning fair. Breeze from S.W. but cloudy -
After I had attended to my specimens, I walked on
the Road to the C. de Barra, - collected seed & specimen
of *Bignonia* sp. long subcylindrical pod, a climbing shrub
with square stem. No 505 Seed list - seed and spec.
of *Echites* sp. large yellow flowers. No 616 Seed list -
specimens of *Heliconia* sp. *ramiflora* Swartz? with small
white flowers on the stem forming a large shrub, growing in low
damp situations, - specimens of a green fruit, containing
a hard nut, No 519 Seed list - seed and specimens
of a shrub bearing a one-seeded Orange Legume, No 513
Seed list - duplicate seed of a sp. of *Bignonia*, with
dark flat pods, before collected on the Road, No 367 Seed
list - specimens of *Cinchona* sp. flowers whitish brown
on the margins of Woods - seed and specimens of *Psychotria*
sp. orange berries, No 539 Seed list - duplicate seed of
P. habacra, (No 546 Seed list) with the preceding in
leafy moist woods; - seed of *Psychotria* sp. with -

1815
Sept. 13th
Cont.

✓

white berries, in close shaded situations. No 490 seed list.
— the berries of an opposite leaved climber, flower tubular,
scarlet, calyx 2-leaved Didynamium Angiospermum fruit a
Drupa 1-seeded — seeds and specimens of Banisteria sp. —
No 522 seed list very common in coppices on the
Roadside. — gathered from the ground in damp thickets some
tupaceous nuts. No 543 seed list. — seeds of *Sparganium*
sp. large white flower very common. No 556 seed list
and seeds with specimens of *Polygala* sp. leaves imbricate, No
431 seed list.

Afternoon dark and cloudy. Rain in the Evening.

14th 1st 69 Thursday. Morning dark and cloudy. Employed myself
shifting specimens and drying seeds, most of the Day. —
12th 73 Heavy Rain at one o'clock. 2 M. — which prevented me
from going out. till late in the Afternoon.

Afternoon dark and cloudy. Heavy atmosphere.

5th 74 In the Evening collected seeds and specimens of *Jupiperia*
angustifolia. 493 seed list, near the Roadside, a ground, on
the side of a Ditch. Drizzle home, by a heavy shower
of Rain, which continued till late at night.

15th 8th 68 Friday. Morning fair. Day cloudy. Out with the Camp
de Harri all the Day, collected seeds and specimens of
Banisteria sp. with very small leaves. No 435 seed list
— seeds of *abundant*, with a *Legumin* 1-seeded, No 519 seed
list. (*Decandria*?) — seeds and specimens of a climber
with bladder capsules. No 520 seed list with bladder
capsules. No 522 seed list — duplicate seeds and specimens
of *Abies* sp. very small and beautiful in shaded situations,
No 477 seed list — berries of *Frax* sp. No 500 — seeds and
— duplicate seeds of *Banisteria* sp. (a climber) before collected
No 444 seed list — seeds of *Abies* sp. leaves thick

62/1915.
Sept. 15.
Contd.

and slightly ^{not} curved, - seed of a beautiful shrub, with
changeable flowers, *Didymaria Angiopernia*, No. 494 seed list
seeds and specimens of a very succulent flowering shrub, No. 511
seed list - duplicate seed of a shrub (*Alchornea*?) bearing
a capsule 3-lobed, seeds clustered in a ferny mass (No. 457 seed
list) - seeds of a sp. of *Guarea* a small tree, on the
margin of woods in sandy soil, No. 523 seed list - seeds
and specimens of a shrub bearing white berries (*Myrtaceae*)? No.
517 seed list - seeds and specimens of a tree with
3-lobed capsules, leaves entire winged (*Cecropia*?) on the sandy
parts of the forest. No. 491 seed list - duplicate seed of
a *Heliconia* sp. with large leaves which beneath on the margins
of woods. - *Eugenia* sp. large black fruited (seed &
specimens) No. 543 seed list - seeds and specimens of a shrub
of small white flowers and black berries, margin of woods, same
situation, No. 497 seed list - seeds and specimens of a shrub sp.
on the wayside near the Bullock road, forming a handsome tree,
bearing small black berries, No. 550 seed list - seeds &
specimens of *Bignonia* sp. an upright tree, leaves quinate,
long rounded ped. No. 432 seed list - collected also duplicate
of the pumpo fruit, before discovered on the 12th Inst., near
fine and ripe, pulp round the seeds Melon-seeded & sweet -
1-lobed.

This day I discovered a sp. of *Syntherisma*, allied
to *S. Lottii*, very fine in a low bog, water with stagnant
rain-water. at a small distance from the bullock-road.

Heavy Rain at night

10th Jan. by Saturday. Morning fine. Examining and shipping skins
and drying seeds, most of the morning. Collected on the Camp
de Paré (in sandy Road) seeds and specimens of *Conocarpus*
sp. capsules linear, a large shrub, No. 492 seed list - seed &
sp. of *Nitella* sp. yellow fruited, No. 504 seed list - capsule
of one of the *Centropogon*, follicles linear, slender, branching at the

1815.

Sept 11th
Cont.

side, co. seed, flowers sweet-scented, leaves shining underneath
a Tree of Considerable Height. No 495 Seed list - seeds of
a Herb, supposed (Desand?) Legume 1. seed (579 Seed list) -
duplicate seeds of Laurus sp. before collected. - seeds and fruit
of a Pentandrous Shrub, with small yellow flowers and long pedicels
and jointed Capsules, No 498 Seed list -

Returned at 3 o'clock P. M. - This afternoon -
Mr. Bowie, returned home from the City, with letters from Mr.
Joseph Banks, and Mr. Pittman.

14th Sunday Morning cloudy. Rain at 12 o'clock. M.
Afternoon dark and cloudy.

Backed a few more seeds, and stopped specimens.

15th Monday. Morning fine, but Cloudy. After we had again
shifted our specimens, employed ourselves in the Camp at Home,
and Bullark Road towards the Foot of the Mountain. Collected
seeds of Lageria sp. arbore, with always black fruit, No 544 Seed
list - fruit of a sp. of Gardenia, from a small Tree (roundwood),
No 555 Seed list - seeds of a sp. of Galadima (aristata) 553
Seed list, parasitical on Trees - seeds of a sp. of Banisteria
with aromatic Capsule, similar to the species, at the back of
the Crude, where we lodged; No 521 Seed list - seeds and
specimens of a Tree (allied to Miconia) with an orbiculate
Capsule 4-valved, 1. 2. seeds, No 486 Seed list - seeds and
specimens of Dioscorea sp. which we had seen before, and -
considered as Asparagus - No 488 Seed list - Capsules -
of a sp. of Bombac, a large tree in the Camp (roundwood),
No 546 Seed list - detected a small flowering Shrub, bearing
a very large fruit, No 539 Seed list. of which seeds we have
before collected another fruit of the same kind, viz 546 Seed list
- seeds of Heliconia sp. (perhaps the same kind as before), No
535 Seed list - collected a few seeds of a curious seed

64/ 1815
 Sept 18th
 contd

insolent parents (*Didymia Angiofermia*) flowers small white,
 it has much the habit of the smaller *Spier*, on a large tree in
 the Bushy road. No 540 seed list - fruit of a sp. of *Hyphom*
orange-fruited No 539 seed list. - on the side of the sandy
 road Camp de Pave, gathered seeds and specimens of a shrub,
 with a permanent calyx (coloured) 1-seeded, perhaps *Coccoloba* sp.
 No 553 seed list

Returned at two o'clock P.M. Sorting & preparing
 seeds, and drying specimens in the afternoon. Strong wind
 during the night.

19th Tuesday. Morning fine much wind. beautifully fine
 and throughout the day. Employed ourselves shifting specimens,
 drying, and packing seeds. This day, ^(including) those dried & packed
 our seed list amounts to 510. - In the afternoon
 we went out on the Camp, collected specimens (in capsule)
 of *Bixa* sp. called by the Patagonians *Wren*; & perhaps distinct
 from *B. oratoria* (see Willd. Enumer. where another sp. is named)
 without growing on the Camp, which in the rainy season is
 covered with water - Capsules of a beautiful *Peucedan* like
 crimson flowers. No 490 seed list. - Capsules of *Canna* sp.
 flowers yellow, in low humid situations. 511 seed list. Dried
 seeds of a climber, capsules blackish. 520 seed list. - seeds
 of a sp. of *Eugenia* large green fruited on the Camp, - seeds
 exposed situation. - seed of *Inga* sp. a large tree with
 yellow ligaments. No 537 seed list. - & gathered from beneath
 a lofty tree, some *Passiflora* 3-seeded. No 540 seed list.

Returned at dusk. Evening fine.

20th Wednesday. Rain the morning at six o'clock, P.M. -
 cleared up at 10 o'clock. Employed drying seeds, packing
 others to the number of 544, and shifting specimens.
 Pack is up seeds and specimens that were dry in the
 afternoon.

1815.

Sat. 21.

Thursday. Rain most of the last night, and continued most of the Day, which prevented us from going out of doors.

Shipping our specimens. Rain in the Evening.

22.

Friday. Morning dark and Cloudy. Rain throughout the last night. - This day (altho' wet and disagreeable) we collected specimens of *Arctostaphylos* sp. large fruited; fruit collected on the 12th Inst. - seeds of *Senecio* sp. capsule large. No 564 seed list - seeds of *Eugenia* sp. large brown fruited No 565 do. - duplicate seeds of *Guarea* sp. round capsule. No 521 seed list, duplicate seeds and specimens of *Chilostoma* sp. leaves 5-nerved, bristly, flowers small, white. No 527 seed list - duplicate seeds of a climber, with bladder capsules. No 520 seed list - seeds and specimens of *Psychotria* sp. orange berries in pendulous racemes, No 565 seed list; specimens of *Smilax* sp. with small leaves.

In account of the Rain, obliged to remain at home. Showery. Rain at night.

25.

Saturday. Morning fine. Having repaired our specimens, took a walk on the Road to the Parísta on Guard. collected seeds and specimens of (*Bauhinia*?) *legumina* 1-seeded, No 570 seed list - seeds and specimens of *Strobilium* sp. before noticed - No 571 seed list - In low wet places, gathered seeds of *Symptlocarpos* sp. different from the sp. collected at St. Paulo. No 569 seed list - specimens of *Gomphia* (*Stipoloma*) of which we had collected seeds at the Villa de Linares, No 512 seed list; - specimens of *Alnus* sp. in the Ditches and stagnant Waters and duplicate seeds of *Psychotria* sp. orange berries, collected yesterday. - parts of one of the *Centotheca*, not observed before.

Drying and cleaning seeds in the afternoon. Evening fine.

66/1815-2
Sept. 24th

Sunday. Morning fine. overcast at 9 O'clock. A. M.
Rain in the Forenoon. Cleared up at One o'clock. P. M.
Afternoon fine. Rain again at night with Thunder and
Lightning.

25th **Monday.** Morning fine: Shifting and packing up
specimens this morning; and collecting plants of the Aqueduct
that grow in the Water in the neighbourhood viz. —
Cacti of *Nymphaea* sp. large white flowers —
a *Menyanthes* of small scented white-flower —
an aquatic of the Clap *Polyandra* *Heptagynia* —
small *Epilob*?, yellow, a new form. — and a
sp. of *Helianthus*, specimen in flower was started on the
23rd 24th. Fine in the afternoon.

26th **Tuesday.** Morning very fine. Shifting our specimens, and
packing up our Luggage, this day: in order to send them
by the Launch by water to Rio de Janeiro, and preparing
to leave Taguikby, for the City tomorrow Morning.
Evening fine.

27th **Wednesday.** Morning fine. Having settled all our affairs
and given directions respecting our Collection, we proceeded from
the City, and arrived at Caroba at 2 O'clock P. M. —
where we stopped for the Day.

In the road collected seeds of *Rhexia*, sp. Square
stalked and purple-flowered, a very handsome species, No.
385. Seed like with some duplicate seeds.
Evening fine.

28th **Thursday.** Left the Caroba early this morning, which was
very fine, and after stopping on the Road to take breakfast, and
at Rio de Janeiro in the Afternoon. Very hot and sultry
the Day. On the Road collected seeds of a sp. of *Thunbergia*

1813.

Sept 28

Flowers white. No 579 Seed list - seeds and specimens of
 sp. of *Varrovia*, with smaller flowers. No 580 Seed list - seeds
 and specimens of *Echites* sp. yellow. seeds scented 578 Seed list
 - seeds of *Eugenia* sp. ^{frumosa} very common on the roadside. fruit eaten
 sold in the Markets called *Petanga*. No 583, - seeds of
 a shrub, bearing a Capsule bursting at the point red. seeds, No
 581 Seed list - seeds of a tall shrub, *Chromolaena*.
Thespermoides, Capsule 2 lobed, seeds winged. No 582 Seed list
 Rain at night.

29

Friday. Morning very fine day warm.

Shifting and drying specimens and seeds. - the Day.

30

Saturday. Morning fine, but cloudy. Visited upon
 Mr. W. Chamberlain, upon our return from St. Paula, and
 gave him some interesting particulars respecting our journey.

Returned about one o'clock P.M. Rain about
 this time, with Thunder and Lightning.

Oct 1st

Sunday.

Morning fine warm atmosphere the Day

Remained within.

2nd

Monday. Morning fine, but cloudy; day sultry

Visited (at the Consul Office) upon Mr. Chamberlain, in
 order to draw some Money, as well as a Bill by Mr. L. was
 particularly busy, and could not be seen at the Office.

Returned at one o'clock P.M.

Afternoon stormy. Heavy rain at night.

64
1815.
Oct 5th

2nd 75 Tuesday. Morning showery, atmosphere clear. Waited upon Mr Chamberlain at the Customs Office, with a View to obtain some Money and draw a Bill, in order to discharge our remaining Expenses, incurred in our late Journey.

After waiting a considerable time at the Office, saw Mr Chamberlain, from whom we obtained £440 p 000.

Returned at 3 o'clock, P.M. Showery the whole of the Afternoon.

3rd 76 Wednesday. Morning fine. Intermitting Showers the Day.

Went in search of a small House, at about distance from the City. Found one, at the Matto Cavalho, conveniently situated near the Mountains, (where we shall employ ourselves some time) - At the Rent of £4 p Week.

Went to Tuguehij for our Luggage, containing our Collection &c. in such a manner as might have as little time as possible.

4th 77 Thursday. Morning fine. Forenoon showery, dark and cloudy.

Took a walk in the Afternoon up the Aqueduct, many of the plants and shrubs were beginning to shoot, indicating the return of Spring. - Saw also many things now in flower.

Gathered seeds of Festuca sp. black berry giving a fine dark blue Dye. No 587 Seed like seeds of Sparganium or Infusorian plant, No 588 Seed like and Leguminous of Mimosa sp. No 589 1. like. Returned at dusk.

5th 78 Friday. Morning very fine. Day hot and sultry.

Left Brazil at 12 o'clock. M. This morning we were making Enquiries at the Beach, respecting our Boxes from Santos, but before they had yet arrived.

Afternoon, Employed looking over, which was amount to 587.

1815

Oct 7th

72 Saturday. Morning fine. Breeze at noon. Atmosphere
 fine and calm.

11th

82 Making further Enquiries respecting our Boats from
 Santos, but could hear no tidings respecting them, nor of any
 vessel having arrived.

Falling sick paper in the afternoon. Much
 Rain with Thunder & Lightning.

8th

Sunday. Morning fine, but cloudy.

12th

Atmosphere clear & fine throughout the Day. Remained within

12th9th

Monday. Morning dark. Small Rain commenced at

12th

7 o'clock, & it was our Intention this Morning to

12th

Remove our Boxes and Chests to our new Habitation, but

12th

was prevented on account of the Rain. Ceased raining at 12

o'clock. Afternoon dark and cloudy, threatening more Rain.

10th

Tuesday. Morning beautifully fine. Day warm, with fine

12th

breeze. Employed ourselves this Day, removing our Boxes and

12th

Chests to our little House at Matto Cavacha.

11th

Wednesday. Rain fell during the last night. Morning fine.

12th

Employed this Day at our House, drying our Paper which

12th

had become very damp and moulded.

12th

Cloudy threatening Rain, at 7 o'clock, it rained, but cleared

12th

up. Day fine.

12th

Thursday. Morning fine, continued so the whole of the

12th

day. Drying our Paper at our House.

12th

7/1815.

Oct. 13th

Friday Morning Cloudy with a few drops of Rain.
Day fine. Continued drying our boxes and Carriage -
Paper.

Afternoon, making further inquiry respecting
our Boxes, containing our Collections, but no Reply, had arrived
from Santa.

Saturday Morning fine. As the Packet will tomorrow
leave, we wrote letters to Mr. Joseph Banks, and Mr.
Wilson, informing them of our safe arrival from St. Paul.
and also acquainting them of other particulars.
Continued fine the whole of the day.

Sunday Morning fine, somewhat cloudy. Showery at
9 o'clock, cleared up & became fine in the forenoon.
Afternoon dark and cloudy, threatening Rain.

Monday Morning fine. Finishing our letter with --
copies, in order to furnish our new Habitation Day -
hot and dry. Cloudy in the Evening.
Began entering Notes and Memorandums of Journal.

Tuesday Morning beautifully fine. Continued writing
the Day.
Afternoon dark and cloudy. Heavy Rain (which
continued till late at night) accompanied by Thunder and
Lightning.

Wednesday Morning fine, but cloudy. Cleared up at 9
o'clock, A. M. Day fine. Employed the whole of the Day
entering Notes and Memorandums in order to form Journal.

1815.

Oct 19th

Thursday. Morning cloudy, threatening Rain. Clear up.
day fine.

Continued entering Notes, and forming Journal this Day,
and making further Enquiries respecting our Boats, containing a
Collection, but no Report has yet arrived from Santos.

20th

Friday. Morning fine

Employ'd the whole of the day, working upon Journal.
Continued fine throughout the Day.

21st

Saturday. Morning fine. Continued, employed writing

Journal all the Day.

22^d

Sunday. Morning fine. Much wind in the Afternoon

Remained at Home.

23^d

Monday. Morning very fine. This Morning went
to the Rio, a Beach, in order to know whether any Ship had
arrived from Santos, but none had come in from that Port.

Continued writing Journal in the Afternoon.

24th

Tuesday. Morning very fine atmosphere hot and sultry.

Employ'd writing, continuation of Journal all the Morning.

In the Afternoon, out on the Equadunk Mountains, collected
acids of *Spentata*, capsules *moniliform*, N^o 603 had list
of the same genus as N^o 224 but larger capsules and seed. -
seeds and specimens of *Chelastoma* sp. large smooth 3-nerved
leaves, small white flowers and blue berries. N^o 594 had list
specimens of a climber (*Gouania*) Capsules 3-angled
N^o 539 had list. - specimens of a climbing sp. of *Securidaca*
flowers purple. Oblige to return home, on account of the

74815

Oct. 24th
Sat.

The Rain, that came suddenly, with Thunder and Lightning.

25th

Wednesday: Morning fair, but Cloudy. After we had shifted our specimens, employed writing forward Journal all the Morning.

12th

Oct.

25th

Oct.

On the Mountains in the Afternoon, collected seeds of *Bignonia* sp. leaves ternate pods long and flat, No 592 seed list. seeds and specimens of a climbing shrub, with ternate leaves, leguminous, No 595 seed list. duplicate seeds of *Melastoma* sp. collected yesterday - seeds and specimens of *Turnera* sp. allied to *viduoides* Persoon, No 625 seed list - seeds and specimens of a shrub, capsule 1-seeded (*Rondeletia*) - No 600 seed list. common in light dry woods on the Mountains - specimens of *Salicaria* sp. leaves entire glossy undulate, white - several ventral flowers, anthers yellow - specimen of *Piper* sp. - specimens of *Lapparia* sp. allied to *linearis* Persoon. - specimens of *Salicaria* sp. peruviana, and duplicate seeds of *Cestrum* sp.

Overcast towards the close of the Afternoon - Distant Thunder, Rain in the Evening, with Thunder and Lightning, which continued most of the Night.

26th

Thursday. Morning cloudy, showery most part of the Day.

12th

Oct.

26th

Oct.

Remained at home, shifting specimens, drying seeds and writing continuation of Journal.

27th

Friday. Morning fair, but cloudy. Drying and cleaning seeds, shifting specimens, & writing continuation of Journal in the Forenoon.

12th

Oct.

27th

Oct.

On the Afternoon on the Mountains of the Aguada collected capsules and specimens of *Galipea bipectata*, No 596

1815

Oct. 27
and

Had list - sent and specimens of about a dozen
tricolored S. horrid. No 591 had list - specimens of about
of about 50 specimens, many found most recent - many
seeds of *Argemone* sp. *terrestris* - leaves smooth, roots glaucous
beneath, roots flat 3 inches long. No 592 had list - seeds
and specimens of a herb, with a 3-lobed *Opuntia* (Monarda)
hexandra No 605 had list - of which we have collected
two other species Nos 487 and 490 had list. - and collected
in a ferruginous Wood.

Afternoon cloudy. Returned at Dusk.

28th
Oct.
1815

Tuesday. Drying specimens and seeds this morning.

In the afternoon making inquiries respecting our Boats,
but no vessel has yet arrived from Albany, but the Launch has
arrived from Saginaw, with our collection on the Road from
St. Paul, and at Saginaw. Went on board, but could
not get our things on shore, until morning next.

Morning fine, continued, throughout the day.

29th
Oct.
1815

Wednesday.

Morning fine. Day cloudy. Remained at Home

30th
Oct.
1815

Thursday. Morning fine. Shifting specimens and preparing
seeds in the morning. Went on board the Launch, but could
not get our luggage on shore, the captain of the vessel, intending
to unlade in the course of the day, and promised us our
things tomorrow morning. - In the afternoon on the Mountain
collected seeds and specimens of *Thalictrum venicosa*, species still
and many narrow, silky leaves, with purple flowers. No 606 had
list - specimens of one of the *Myrtaceae*. No 593 had list
a large tree, fruit sold in the market, under the name of
Lythrum, Drupe 1-2 inches - specimens of *Andromeda*
sp. - specimens of a shrub of the *Ericaceae*, called

Cont

28

1875

Oct
30
Cont.

(Bignoniaceae) corolla tubular scarlet - specimen of *Delonix*
 sp. allied to *D. tiliaefolia* - gathered specimen of a Tree -
 having the habit of *Albizia* with purple red fruit (*Phanera*
magnocha?) leaves thick and succulent; doubtful whether
 it will dry, - and specimens of slender monocotyledonous tree
 and berry.

Continued fine the whole of the Day.

31st

31st Tuesday Morning fine. After a bundling our specimens, went
 on board the Launch, and got our Collection on shore.

12th Hired a cart to convey them to our House. In the
 afternoon unpacking and examining our seeds and specimens,
 found it necessary to repaper most of the seeds.

Day fine throughout.

Nov 1st

Nov 1st Wednesday Morning fine Employed ourselves the whole
 of the Day, shifting our specimens, examining, repapering &
 cleaning seeds, that had been collected on the Road from Sta
 Pauls, and at Taguig, many of which had become damp
 and their papers decayed.

Afternoon cloudy, Rain at 3 o'clock, P.M. with
 Thunder, which continued till late at night.

2nd

2nd Thursday Morning fair. Continued drying & repapering
 seeds this day, shifting specimens &c. Afternoon cloudy,
 with strong Wind. Evening dark with appearance of rain.

3rd

3rd Friday Morning fair, but cloudy. Turned out early.
 Fine day Employed ourselves shifting specimens, and continued

1815

(25)

Nov. 4th

by Saturday. Morning cloudy; rain in the early part, but
 rain again at 8 o'clock, etc. etc. Clear up. Forenoon fine.
 Employed ourselves this morning drying and preparing seeds.

In the Afternoon out on the Mountains of the Andes,
 collected seeds and specimens of Cordia ? sp. rough-leaved, No.
 457 seed list - specimens, with seeds, of Solanum sp. Thorny
 climber. No. 614 seed list - seeds and specimens of
 Papilion sp. scarlet-flowered, leaves 3-lobed. No. 600 seed list

We have found it exceedingly difficult to procure seeds of
 this sp. although watched them attentively till near ripe, then
 taken by Birds &c. - Collected seeds of another sp. of
 Papilion, fruit from the ground. No. 501 seed list - -
 specimens and duplicate seeds of a shrub of the Apocynaceae
 folden Pappus.

Afternoon cloudy. Commenced raining at night.

5thNov. 5th

by Sunday. Morning fine.

At home the whole of this day.

6thNov. 6th

by Monday. Morning fine. Shifting specimens, and
 making out an account of Disbursements for the last
 nine months, during our journey to and from St. Paulo, to
 the present time.

Afternoon fine, rather cloudy.

7thNov. 7th

by Tuesday. Morning very fine. Day hot and sultry.

This morning my fellow traveller Sat. Bowie, left
 the City for Taguichij, in order to procure seeds, that were
 expected, would be ripe about this time (which we noticed while
 there, several weeks since;) and also to collect the
 Novettias.

Employed myself this Forenoon shifting specimens.

18/5.

Mon 7th
Oct.

papering and looking seeds. On the Mountains, collected seeds of
specimens of *Melastoma* sp. of flower, with leaflets and stem, glabrous
leaves, and small white flowers. No 507 Seed list - specimen of
Melastoma sp. leaves & nerves, red beneath, on the margins of
Wood - specimen of a shrub of the Clap Mountain Ficus
capitate red, crown with antipathetic stigmas, - specimen of
Mimosa sp. thorny, common in light woods. Overcast -
about 3 o'clock P.M. Obliged to return home. On the way
back, collected specimens of *Myrtus* sp. allied to *M. acris*
- and much of a shrub, leaves red up to round the branch
No 596 Seed list.

Commenced raining at 4 o'clock P.M. - Very
heavy Rain, continued all the Evening with Thunder.

8th Wednesday. Morning very fine after the heavy Rain of
last night. Employed the Morning shifting specimens -
cleaning and papering seeds. - In the Afternoon, collected
seeds and specimen of a sp. of *Bignonia* (flower white, capitate
ligament ferruginous tomentose), leaves in fruit. No 597 Seed
list - seeds of *Sida* sp. flowers white, specimens sent before.
No 609 Seed list - duplicate seeds of *Bignonia* sp. leaves
conjugate, long, slender, & flat. No 598 Seed list - specimen
of *Solanum* sp. smooth entire leaves, flowers small, white.
- specimens of *Arum* (lingulate), both parasitical on trees
and found in deep shade, probably fallen down from the light
beneath which I gathered the specimens.

Evening fine.

9th Thursday. Morning fine, but cloudy. After shifting my
specimens, employed myself the whole of the Day, on the Mountain
above the Aqueduct, at an Elevation of 1000 feet above the
level of the sea.

1815

Nov 9th
Sat

Collected (in dense damp woods, seeds and specimens of
shrub, with Pombandras white flowers cytated. capsule leguminous
one-seeded. No 608 seed list - specimens of *Dioscorea* sp.
leaves sagittate (as in *arifolia*) receptacle linear bifid, on the
margin of arising stem, beneath the drip of Rocks -
specimens of another sp. leaves y. lobed, receptacle linear &
bifid. found in the same situation as the preceding sp. --
seeds and specimen of *Psychotria* sp. calyx (narrowing the berry)
very large, No 610 seed list. - at the entrance of stream
collected seeds and specimens of a shrub, with appendicular
racemes of orange berries, leaves alternately pinnated, No
609 seed list - seeds and specimens of a Tree bearing
green berries, in clusters, No 611 seed list - three fruits
of *Passiflora* sp. leaves entire, ovate, fruit oblong peduncles,
No 602 seed list - specimens of *Carya* sp. orange smooth
pods - specimen of a small plant of the Solanaceae
Carya sp. - On the ground below a lofty tree, collected
ovate-oblong nuts, No 612 seed list. - On the same hill
collected seeds of a deciduous shrub, leguminous twisted, containing
white seeds, black speckled. No 613 seed list.

Day cloudy. Continues fair. returned at 3 o'clock P.M.

10th Friday. Morning fair. Day beautifully fine. Atmosphere
sultry. Employ'd myself shifting specimens, drying and
cleaning seeds in the morning.

Being informed by Mr. Chamberlain the British Consul
General, that our Boxes, (to whose care they were consigned) had
arrived, and were now lodged in the Custom House; went there,
but the Judge would not allow them to pass, until he had
received a Certificate from the British Consul, stating that
the Boxes contained only plants, seeds and specimens.

Waited upon Mr. Chamberlain, and obtained the Certificate,
but it being now past the time of Business in the Custom House,

Nov 10th
Contd.

was obliged to postpone it till tomorrow

Returned home at six O'clock, P.M.

11th *Saturday*. Morning (in the early part) cloudy, lowering about 7 o'clock. A.M. - Cleared up. Day fine. Atmosphere hot and close. Attended at the Customhouse, with Certificates signed by the British Consul, and after being detained the whole of the morning, got the Boxes passed by the Judge. Hired a Cart to convey them to our House. - Turning glass and papering such the remaining part of the afternoon.

Evening cloudy with a few drops of Rain.

12th *Sunday*. Morning fine. Day hot and close.

Remained at home. Evening fine.

13th *Monday*. Morning fine. Close and sultry. Picking up seeds that were dry, entering others in seed list, that now amounts to 113, and attending to specimens. - In the afternoon on the Ridge of the first mountain above Aguadon collected *Laguncularia* of *chaga* sp. leaves woolly & glandular at base of seed list - specimens of *Guarea* sp. fruit large angular - seeds and specimens of *Lacuna* sp. fruit large like an Acorn. 573 seed list - specimens of a shrub, from mountainous *Tricocca*. - seeds of *Solanum* sp. stem - subscandent aculeated, large blue flowers, and large fruit. 575 seed list - and specimens of *Agiphiola* sp. flowers strawberry. variegated.

Obliged to return, overcast, atmosphere dark & cloudy distant Thunder. Small rain at 5 O'clock, P.M.

14th *Tuesday*. Morning cloudy. Day fine. Evening - specimens, seedling, and drying seeds this morning, examining &

1815.

Nov. 14
out?

and collecting specimens (in the afternoon) collected
in the Road from St. Paul de. Hot and Close
at Midday. - Evening cloudy.

15. ¹¹ Wednesday. Much Rain fell during the last night. -
Morning cloudy, small midday Rain at 7 o'clock A.M.
Continued most part of the Forenoon. Fair for a short
period at Midday. - Rain again at 2 o'clock
P.M. continued the whole of the Afternoon.

Shifting specimens, papering seeds, twisting &
packing specimens all day.

16. ¹¹ Thursday. Rain most of the last night. Morning wet, rain
continued. Fair weather at 11 o'clock, A.M. atmosphere
cloudy. - Rain again at 3 o'clock, P.M. Examining, twisting
and packing specimens the whole of this Day.

17. ¹¹ Friday. Morning fair, overcast about 11 o'clock, A.M.
showery most part of the Day. Shifting specimens, in the
Forenoon. - Out on the Mountains in the Afternoon,
collected specimens of *Myrica* sp. leaves small obovate. - seeds
and specimens of ashnut, small fig-fruited, in close bunches
round the stem. No 595 seed list. - duplicate seed of
Metastoma sp. No 594 seed list. - seeds of one of the
Mimosa, shrub scandent many, leaves 2-3-jointed, dense
in opposite. No 517 seed list. - specimens of a climber
of the Convolv. (*Cynanchum*) seeds very long. - Returned on
account of the Rain. Evening dark and Cloudy.

18. ¹¹ Saturday. Morning cloudy. Small Rain at 10 o'clock
A.M. Forenoon showery. - Shifting specimens, drying
and cleaning seeds, and writing Continuation of Journal.

1815
Nov.
18th
Sat.

Employed myself in the Afternoon on the Mountain, -
collected specimens, with green fruit of *Rhus* sp. leaves
2-lobed. - specimens of *Malastoma* sp. in flower (white) in
panicles, leaves 3-nerved. - specimens of *Banisteria* sp. -
leaves ovate glossy (pres'd as *Malpighia*) - specimen of
a slender shrub of the *Myrtaceae*, flowers dark brown - seeds
and specimens of *Lithium* sp. ovate-leaves, leafy. No 621.
seed list. - seeds of *Scorpea palmata* No 700 seed list -
seeds from the ground, beneath a lofty timber tree. Capsules
3-lobed - 3-seeded, seeds black and shining (of the *Lepidob*)
No 623 seed list - specimens of *Piper* sp. allied to *P.*
aquale, Labl. on the margin of wood - and duplicate
seeds of a shrub, in the class *Synonymia*. *Polyg. Siphon*.
(Golden Pappus) 623 seed list.

Evening fine.

19th
Sun.

Tuesday. Morning fine. Atmosphere hot and sultry. -
throughout the Day. Night breeze at 12 O'clock. etc.

In consequence of the invitation of a Friend, who was
going soon to his friends, went with him, being impressed
with the idea, that I might collect some new specimens
and seeds, not having been there for a considerable time.

In the sandy Roads near the Beach, collected seeds &
specimens of *Aristolochia* sp. leaves 3-lobed, lobes of the Corolla
very long and linear, (allied to *A. trilobata*) No 620 seed list.
seeds and specimens of *Tetralonia* sp. leaves obovate, woolly
beneath, No 627 seed list - seeds and specimens of *Siphon* sp.
(allied to *S. occidentalis*) No 621 seed list - seeds and specimens
of *Hedyotis* sp. leaves ternate silky. No 622 seed list -
specimens of a climber, *Moussieria* *Tricocca*, caespitose, pedicels
like a *Dioscorea* - specimens of a shrub with aggregated
flowers (green) in *Thyris* and *Opuntia* - seeds of *Leguminosae*.

1815

Nov 15th
Cont

5 large red-fruited. No. 622 seed list. - and specimens of
 75 *Sieriana* sp. triangular - stalks large-fruited.
 Evening very fine.

20th

8 am 74

12 am 74

5 pm 74

Monday. Morning fine. Overcast about 9 o'clock -
 A.M. - succeeded by showers. Cleared up at 11 o'clock, A.M.

Sorting and shifting specimens, and cleaning seeds. Went
 upon the Vice Consul in order to enquire when a British
 Vessel, would sail for England, having two boxes of specimens
 and seeds ready; was informed that the Iris, Capt. Greathead
 would leave this Port on Thursday next.

Heavy Rain in the afternoon. Evening dark and cloudy.

21st

8 am 75

12 am 75

5 pm 75

Tuesday. Morning fine rather cloudy. Day sultry.

Shifting specimens, papering and entering seeds, and -
 writing forward Journal most of the day. Towards the
 close of the Afternoon, collected specimens of a shrub, allied
 to the genus *Cinchona*, some of the corolla yellow stigmas
 bifid, and specimens of *Solanum* sp. flowers purple.

Returned in consequence of the Rain. Overcast at
 6 o'clock, P.M. - Rain continued till late at night.

22nd

8 am 76

12 am 76

5 pm 76

Wednesday. Morning very fine. Examining and shifting!
 specimens, that were dry, shifting others. - In the Afternoon
 took two boxes aboard the Iris, and received a certificate
 of their receipt from Capt. Greathead. - Hot and sultry
 most of the Day.

Evening cloudy with appearance of Rain. Very

heavy Rain at dusk, with Thunder and Lightning.

23rd

8 am 77

Thursday. Morning cloudy; showers about 9 o'clock, A.M.
 cleared up at 10 o'clock, A.M. Forenoon fine. Shifting specimens

specimens, and writing letters to Sir Joseph Banks, and Mr. Norton, informing them of the arrival of our Boxes from Santos, and shipping two of them, (containing seed and specimens for England) on board the Iris.

Atmosphere cloudy in the afternoon, with heavy
writing Journal:

Friday. Morning very fine. Attending to specimens
and writing forward Journal. Day close and hot. - In
the Afternoon upon the Mountains, collected seeds and
specimens of *Turneria* sp. (allied to *T. viduaria* Preson but
shrubby) No. 625 seed lib. - specimens of *Piper* sp. with
large leaves. in habit situations, and margin of Woods

In damp leafy woods collected specimens of a *Tridax* plant, flowers blue, hexandrous, (*Tridax coccinea* fr.) specimens of a shrub, flowers pentandrous white, in spikes, petals long gibbous; — specimens of *Celtis* fr. — beneath a large *Pinus* tree gathered from the ground, a small yellow fruit of a disagreeable bitter taste, and said to act as an emetic: (B. virens) at Old Fort Leno — specimens of a shrub with pentandrous flowers, leaves short glossy, (*Psychotria viridis*) —

From the ground, collected some fruit 1-seeded red,
at 6 ft. and 10 ft. — and plants of *Kampferia* leaves
very large velvety-purple beneath.

Returned at 5 o'clock, P. M.

25. ⁶ Saturday. Morning fine. Having shifted my position
employed myself all the day. upon the heights above the
aqueduct, collected (on the margins of the Waterfall) for
a Heron tree, a large fruit & lousier 2-4. and 2. -

1815

Nov. 25th
Cont'd

(83)

calyx superior, (Myrtaceae) N° 632 seed list. - seeds and specimens of Solanum sp. subcaulescens, flowers white, N° 631 seed list - duplicate seeds and specimens of a shrub with a pendulous racemus of Orange berries, collected on the J. Trail N° 634 - seed list. - specimen of Polygala sp. - specimens of Oncidium sp. on the bare rocks, leaves ovate carinate thick, flowers brown variegated - specimen of Halimolobos sp. small - seeds of a sp. of Eriogonum, smooth oval cordate leaves, slender shrub, N° 626 seed list. - specimen of a shrub called by the Portuguese "Limon bravo" 471 seed list with a few duplicate seeds - collected from the ground, capsules 3-ccous very large. N° 630 seed list.

All the above were collected in shaded damp situations, in wet leafy Woods, and on the margin of the Waterfall above mention'd, growing in a shallow decay'd vegetable soil. -

In an open exposed Situation, collected shrubs of Anacardium ornata (var.) common in gardens in the city. and on the way back gathered fruit of a sp. of Ficus. N° 629 seed list.

Very hot and sultry all the Day. fine breeze at one o'clock, P.M. on the Heights. - Saw many green snakes, basking in the Sun on the bare Rocks, from 3 to 5 feet long. Returned home at 4 o'clock, P.M.

Evening serene and clear

20.

3

a

12

a

4

P.M.

Sunday. Morning very fine. Atmosphere sultry

Continued fine the whole of the Day.

1845
Nov. 27th

Monday. Morning fine. Forenoon hot and sultry.
Fine breeze at 1 O'clock, P.M. shifting specimens, cleaning
and writing forward Journal in the morning. — On
the Mountains in the Afternoon, collected seeds and
specimens of *Laurus* sp. drupe globular, fruit from a
mistletoe sized Tree, No. 539 Seed list — specimens of
Psychotria sp. flowers blue. — specimens of a Tree, leaves
winged coriaceous, fruit ovate in a spike terminal one-seed
— seeds and specimens of *Solanum* sp. (oleaginous) No.
534 Seed list — with some duplicate seeds of *Melastoma*.

Overcast at 3 O'clock, P.M. threatening Rain
downy at 4 O'clock, P.M. obliged to return.
Distant Thunder.

Nov. 28th
Tue. 8
Am 78
12 85
4 82

Tuesday. Morning cloudy, a few drops of Rain at
7 O'clock, A.M. cleared up. Day hot and sultry.
Shifting specimens drying and looking seeds all the Morning.
On the Afternoon on the Aqueduct Mountain
collected the following. specimens of *Alnus* of the
Clap *Monadelphica* *Holandra*, allied to *Dombeya* *Cav.* *ice*
No. 515 Seed list. — duplicate seeds and specimens
of *Solanum* sp. leaves silvery beneath entire. No. 534 Seed
List. — specimens of *Tetrastemon* sp. leaves obovate, silky
beneath, petioles 2-glanded, — seeds and specimens of
Loranthus sp. - 530 Seed list. — specimens of *Mimosa* sp.
and gathered from the ground, some Capsules 3-2-leaved
of the same genus, as those collected on the 25th Inst.
but smaller, No. 533 Seed list.

Evening fine.

1815

Nov 29.

Wednesday. Morning cloudy, clearing at 7 o'clock
 A. M. cleared up at 10 o'clock, - overcast at midday.
 Weather variable. - Shifting specimens and writing
 Continuation of Journal the whole of the Forenoon.

Employed on the Mountains in the Afternoon, collected
 specimens of a shrub of the Melastoma - 12 androus, calyx
 double, stamens 11-12, flowers white terminal, growing on
 the ridge of the Mountain above Aqueduct - seeds &
 specimens of Inga sp. a large tree, fruit cylindrical.
 No 697 seed list - and specimen of Cassipouira frondosa
 Jacquin.

Atmosphere cloudy, overcast, returned home, -
 rain coming suddenly, which continued all the evening.
 Distant Thunder.

30th 8th 73. Thursday. Morning fair, but cloudy. Employed myself
 in the Forenoon, repapering specimens and working upon
 Journal.

In the Afternoon on the Mountains, collected
 the following, viz. specimens in flower of a bushy plant
 Tree, fruit gathered at Taguichy, many-seeded, with
 greenish 5. petals 2. Monoclea Trandria? No 544
 seed list - specimens of Rosier sp. leaves -
 ovate thick, - specimens of Banisteria sp. leaves broad
 ovate, branches horizontal - specimens of Gomphia sp.
 flowers pale and large. No 463. seed list - specimens of
 Bigonia sp. flowers flesh-colored. leaves linear - seed of
 Psychotria sp. large-seeded, No 574 seed list - preserved
 from a garden, specimens in flower of Eugenia brasiliensis
 Persoon. fruit sold in the Market under the name of
 Guaiacum, very much 1. & 2. seeds, No 638 seed list

10. 1815
Dec 30
Overcast in the Evening. Very heavy Rain, with lightning, which continued most of the Night.

Dec 1st - 3
am 7¹⁵
12 82
Friday. Morning very fine. Day sultry hot. -
Shifting specimens, cleaning seeds, and writing forward Journal in the Forenoon.

On the Mountains of the Aguadent in the Afternoon, collected specimens of a Tree, with Polyandrous flowers, corolla 4-petal'd. Stigma 4-cleft (Clusioides) - seeds and specimens of Viola sp. a shrub in shaded leafy woods. No 675 Seed list. - specimens of Guarea sp. - specimens of Loranthus sp. with long scarlet fls. leaves subobovate, growing on asp. of Eugenia (Jambos?) - and some small fruit of Ficus sp. a low shrub No 676 Seed list.

Rain early in the Afternoon, returned at 5 o'clock. P.M. Evening cloudy.

Dec 8
am 8
12 81
Saturday. Morning fine. Shifting, examining and re-taking specimens, and writing Journal all the Day.

In the Evening being invited by some Friends, accompanied them to their House on an Island in the Harbour, called Isle de St. Andre.

Continued fine throughout the Day.

Dec 9
Sunday. Morning fine. Day hot and sultry. Took a walk on the Island, collected the following.

Seeds and specimens of a shrub (of the Sapindi) probably Ornithoche, leaves ternate. Capsules 2, one stationary, Calyx 4-lobed. No 678 Seed list. - seeds and specimens of

1815
Dec 30
Cont.

of Melastoma sp. leaves glossy - above ferruginous - white beneath, in coppices on the sides of the Hills. No 674 seed list - seeds and specimens of an annual plant (Benth. Didymaria Angiospermia, No 673 seed list - specimens of a small tree, flowers minute in panicles (Decandrea) margins of woods, - and some bulbs of Amaryllis sp. common on the slopes of the Mountain in the neighbourhood in shaded situations.

This Afternoon my fellow Traveller Mr. Bosc, returned to the City from Jaguichy, with his collection. Evening fine.

4th Monday. Morning fine, in the early part. Overcast about 8 o'clock, &c. &c. Returned to the City, from the Island, with the specimens, seeds and bulbs - collected there.

Shifting specimens, examining and ticketing those that were dry, all the Day.

5th Tuesday. Morning Cloudy. Employ'd ourselves all this day, drying specimens, examining and ticketing others, Cleaning and papering seeds.

Forenoon showery. Afternoon cloudy.

6th Wednesday. Morning cloudy with appearance of rain. Rain in Forenoon. - Shifting specimens, ticketing those that were dry, and opening our Boxes from Santos, examining the plants that had been packed up, for export at St. Paulo; found some alive, others just dead.

35/1816

Dec 6

Had they been forwarded to Rio, immediately upon their arrival at Santos, and not have been detained there, such a length of time, waiting for the sailing of the Portuguese Vessel, doubtless the whole of the plants would have survived the Voyage to England.

7th Thursday. Morning cloudy. Employed examining and ticketing specimens, and commenced writing fair Copy of Journal.
 7^{am} 76
 12^{noon} 76
 4^{pm} 76
 Rain in the Evening.

8th Friday
 Morning cloudy. Day very fine. Hot and sultry.
 7^{am} 76
 12^{noon} 81
 4^{pm} 85
 at Midday. Shifting specimens and writing fair Copy of Journal.

9th Saturday. Morning fine. Day hot and close.
 Continued writing fair Copy of Journal, the whole of the day.
 7^{am} 78
 12^{noon} 86
 4^{pm} 82
 Atmosphere very hot in Afternoon.

10th Sunday. Morning fine. Fine breeze in Forenoon.
 Cloudy in the Afternoon with Showers.
 Distant Thunder in the Evening.
 7^{am} 77
 12^{noon} 82
 4^{pm} 80

11th Monday. Morning fine in the early part, came out at 7 o'clock. At 11. Small Rain about this time.
 Heavy showers all the Forenoon. Cleared up at Midday.
 Continued writing fair Copy of Journal.
 Heavy Rain at 3 o'clock. P.M. - continued all the afternoon.
 7^{am} 76
 12^{noon} 78
 4^{pm} 77

58
1846

Dec: 6th

Had they been forwarded to Rio, immediately upon their arrival at Santos, and not have been detained there, such a length of time, waiting for the sailing of the Portuguese Vessel, doubtless the whole of the plants would have arrived the Voyage to England.

7th Thursday. Morning cloudy. Employed examining and sketching specimens, and commenced writing fair copy of Journal.
Rain in the Evening.

8th Friday
Morning cloudy. Day very fine. Hot and sultry at midday. Skiffing specimens and writing fair copy of Journal.

9th Saturday. Morning fine. Day hot and close. Continued writing fair copy of Journal, the whole of the day.
Atmosphere very hot in afternoon.

10th Sunday. Morning fine. Fine breeze in forenoon. Cloudy in the afternoon with showers. Distant thunder in the evening.

11th Monday. Morning fine in the early part, overcast at 7 o'clock. A. M. small Rain about this time. Heavy showers all the forenoon. Cleared up at midday. Continued writing fair copy of Journal. Heavy Rain at 3 o'clock, P. M. - continued all the afternoon.

1815

Dec: 12

8
am 78
12
78
4
79

Tuesday. Morning fine, but Cloudy. Rain
a.m. Atmosphere cleared up at 3 o'clock. Forenoon fine
Employed writing fair Copy of Journal the whole of
the Day.

13th
8
am 78
12
79
4
79

Wednesday. Morning cloudy. Day fine. In the City
all the Forenoon, making Enquiries respecting Vessels bound
for England, heard that the Weymouth has arrived from
St. Helena, but would not sail for England for some
time.

Continued writing Copy of Journal in the Afternoon

14th
8
am 78
12
79
4
80

Thursday. Morning fine and Clear. Rain about
one o'clock. P.M.
Employed bookbinding and papering desks all the Day.
Our Seed list, now amounts to 704. Afternoon cloudy

15th
8
am 78
12
79
4
81

Friday. Morning fine, rather Cloudy.
Papering and packing seeds throughout the Day.
Overcast in Evening threatening Rain. Thunder at
a distance.

16th
8
am 78

Saturday. Morning fine. Day hot and sultry.
Waited upon Mr. Chamberlain, gave him our Bills for
Job received of him at different periods. Made Enquiry
at the Consuls Office, respecting shipping, was informed that
the Dolphin (Star Ship) Captain Alcock, would sail in a
Week - by which consequence we intend to send some
Boxes of specimens and seeds. Afternoon hazy with

30/1815
Dec 15
out

Thursday; - packing specimens in Boxes.
Much Rain at night.

17th 74 Sunday. Morning fine. after the Rain of the
last night.
12 78. Showery in the Forenoon. Fine at one o'clock
1 78. P.M. which continued all the Afternoon

18th 76 Monday. Morning fine. Writing Journal all the
Forenoon. On the Mountains in the afternoon, collected seeds
12 78. and specimens of a Tree, with Capsules tri-cocuous on long
peduncles, tomentose, No 710 Seed list - a fruit with
ripe seeds of a Tree, of the (habit of) *Alseis* (*Polyandria*
nat. order *Magnolia*) 709 Seed list - seeds of
Melastoma sp. slender shrub, with leaves 3-nerved, tinged
with red, No 708 Seed list - seeds of one of the
Lapindi, capsules 1-seeded of a deep Orange Colour, No 702
Seed list - specimens of a shrub with strong spines on
the stem, flowers axillary (of the *Rhamnus*?) and
duplicate seeds of *Melastoma* sp. large smooth-leaved
No 594 Seed list.

Afternoon dark and cloudy, threatening Rain.

19th 79 Tuesday. Morning fine. Shifting specimens and sowing
seeds. Writing continuation of fair Copy of Journal
12 79. all the Day.
1 80. Cloudy in the Evening.

20th 79 Wednesday. Morning fine. Reparing specimens and
writing fair Copy of Journal.
12 79. Day very fine throughout.

1815.

Dec 21st

Thursday. Morning very fine.

12th 794th 79

Writing fair Copies of our Expenses for the last nine Months, in order to send them by the Packet, which sails on Sunday next.

Continued fine throughout the Day.

22nd8th 7912th 794th 79

Friday. Morning fine. Day warm, fine breeze about midday, rather cloudy in the Afternoon - Writing Letters to Sir Joseph Banks, and Mr Aiton, informing them, that it was our Intention to send 5 Boxes of specimens & seeds by the Dolphin, Capt Black. - Enclosed accounts of our Disbursements, Seed list, and List of specimens.

23rd8th 7912th 795th 79

Saturday Morning cloudy. Rain in the early part.

Employed ourselves in the Forenoon packing Boxes: - On the Mountains in the Afternoon, collected the following.

- 1 Bignonias sp. (latifolia, River) flowers yellow, calyx large (specimen)
- 2 Spathodea sp. a Tree, leaves quinate, corolla white-striped pubescent within, pods long cylindrical. No 432 seed list.
- 3 Bignonias sp. flowers purpurea, calyx albus integerr. (specimen)
- 4 Male flowers of fringed fruit (Phygadeuon?) before collected, No 460 seed list.
- 5 Cyrtantherum grandiflorum 1 apod of it, flowers sent before.
- 6 Ocymum sp. annual seed. No 8 3rd seed list.
- 7 Pisonia sp.? berries red (specimens)
- 8 A Tree with long tubular much-ventured flowers (Pentandria?)
- 9 Annona? slender Tree with angular red drupe aggregate 1 seed. (seed and specimen) No 25. 3rd seed list.

Showery most part of the Afternoon
Lightning in the Evening.

1815

Dec 25

8. 78
am
12. 85
pm

Sunday. Morning cloudy. some few drops of Rain at 7 o'clock. A. M.
Mr. Chamberlain sent for us this Afternoon, having received some specimens collected by Mr. Sells for Sir Joseph Banks, and after we had looked them over, Sir J. wishing to forward them, requested of us to enclose them in one of our Boxes.
Very fine throughout the Day.

25

8. 81
am
12. 86
pm

Monday (Christmas day) Morning cloudy, hoary - soon after six o'clock, A. M. - Cleared up. Day fine
Atmosphere hot and close. Finally packed and closed our Boxes this day, in order to ship them on board the Dolphin tomorrow for England.

26

9. 79
am
12. 85
pm

Tuesday. Much Rain fell at midnight, and continued till two o'clock this morning. Fair at 6 o'clock A. M. but cloudy. Day fine. Atmosphere sultry.
Writing Letters to Sir Joseph Banks, and Mr. Aiton informing them, that we had shipped some Boxes containing the whole of our specimens and seeds, including duplicates, on board the Dolphin.

After we had shipped them, proceeded down the Harbour to the Isle of St. Andrew, intending to spend two or three days, examining the Botanical productions of the Islands, and collecting new seeds and specimens.

27

9. 83
am
12. 85
pm

Wednesday. Morning fair, some small rain, but soon cleared up. Day sultry. Took a walk to the highest Mountain on the Island, collected specimens of *Rhexia* sp. purple-flowered, leaves 3-nerved. - *Rhexia* sp. 5-nerved, leaves

1815

Dec. 27

Cant.

Capsule 5-lobular. — specimens of *Gomphia* sp. leaves ovate-lanceolate (oblong-lanceolate) — specimens of *Trichelia* sp. slender shrub, peduncles pedunculate, — specimens of *Psychotria* sp. flowers white (allied to *Pueraria*) — seed and specimens of seeds sp. caulescent, allied to *A. Plumieri* No. 20. 3rd List — seeds and specimens of *Turnera* sp. leaves ovate serrate, petioles 2-glanded herbaceous No. 20 3rd List — specimens of *Capparis cyathophora*. — *Dioscorea* rigid shrub, long spines, leaves 3-lobed 3-veined on the sandy beach of the Island.

Travelling over the Water in a canoe, to the Main Land. — collected on the Roadside — specimens of *Aristolochia ringens*? *Willd.* — seeds sent before No. 23 2nd List. — seeds and specimens of one of the *Sapindi* (Scutellaria). Capsules 1-seeded red, leaves pinnate. No. 30 3rd List. — seeds and specimens of a shrub with long (pentand?) flowers yellow. *Gardenia* sp. leaves woolly No. 21. 3rd List — and seeds of a Climber Capsule ventricose 3-lobular seeds winged 32, 3rd List.

Overcast in the Evening. Rain all night.

28th

Nov

Monday

Thursday Morning dark and Cloudy. Cleared up. Collected this morning seeds of *Ornithoglossum* sp. berries red 1-seeded, No. 10 3rd List. specimens of *Bigonia* sp. flowers very small (*B. pilulifera* Richd?) No. 703 2nd List. — specimens of seeds green capsules of *Rhexia* sp. collected yesterday — specimens of *Malpighia* sp. leaves ovate ferruginous beneath, a small tree. — seeds and specimens of *Psychotria urens* No. 11 in 3rd List. — specimens of flower and green fruit of a (Dioecious) shrub, flowers very small — seeds and specimens of *Jussiaea* sp. leaves lanceolate flowers yellow, No. 13 3rd List. — seeds and specimens of a shrub with small flowers.

90

1815

Dec.

28th
Cont.

near sp. growing on the slopes of the Hills in a
sandy loamy soil

29th

Friday. Morning fine, but cloudy. Day sultry
hot.

Packed up our specimens, and returned to the City
shifting them in the afternoon. Rain at the close
of the afternoon.

30th

Saturday. Morning fine. Shifting specimens and
writing forward the Journal in the Forenoon.

Employ'd on the Mountains (in the afternoon) collected
duplicate seeds and specimens of a slender tree of the *Amorpha*
drupae angular pod, aggregate, first collected on the 23rd Inst.
- fruit of a tree, collected specimens on the 27th Nov.
leaves pinnate, many pairs, ferruginous; spike terminal,
scape brown 1-seeded, No. 35 3rd Seed list - duplicate
specimens of *Bignonia* sp. flowers purple Calyx white -
entire. - specimens of *Melastoma* sp. allied to *M. alpinum*
Swartz - specimens of *Melastoma* sp. smooth 3-seeded
leaves, white-flower and blue berry - No. 39 2nd Seed list
- and one ripe black fruit of a slender, supposed to be
Malpighia sp.

Evening cloudy.

31st

Sunday. Morning cloudy. Day fine.

Thunder in the Afternoon.

1815. Monday. Morning cloudy, a few drops of rain falling
11th Sep. about 7. A.M.

It having been agreed on, for the sake of convenience to ourselves, and for the welfare of our Mules, and likewise to receive any letters that might be waiting for us, that I should proceed to Rio de Janeiro first. I started this morning, leaving Mr. Cunningham at this interesting spot. (Taguichy.) I noticed two of the Cordia in flower on the Peak Sides, and gathered seeds &c. 500. of a Tree, which I had often tried in vain to procure. Specimens in flower was sent from St. Pauli, and appeared to be Dicoica, upon biting the seeds they burnt my lips and for two days I felt its effects. I arrived safely at Rio about 8 P.M. in time to escape a thunder storm which soon after, fell.

12th Tuesday. Cloudy but fine. This morning I waited upon the Consul, and received from him letters of Date, 10th June. From Sir Joseph Banks, & from Mr. Aiton. Mr. Cunningham also showed me a letter from Sir Joseph Banks to himself, and gave it into my hands to read, which I declined. Mr. C. told me that now there was a chance, to go to the C. B. I. by the Floratic Frigate, who was bound to China & the Indies, but this vessel was to sail on Friday next. It would have been impossible to have got ready by such a short time even if we had both been at Rio. And it must be remarked, that the vessel touching at the Cape was not known to the Officers and Crew. Among other things I learnt with regret, that our Boats had not arrived from Santos, no vessel being from that Port. although the wind had been fair for some time.

13th Wednesday. Morning cloudy, threatening rain. The Blucher Packet being ready for sailing on Friday I took the opportunity to write letters to Sir Joseph Banks, and to Mr. Aiton. Intending to return to Taguichy tomorrow morning.

14th Thursday. Rain nearly the whole day, by which I was detained at Rio.

15th Friday. Morning cloudy, & rain in brisk showers. about 7 A.M. I set out from Rio noticing a little past St. Christy's, a Nymphaea in flower, in standing water. about 2 P.M. I reached St. Gonz. where I was induced to stop. My chaise being knocked up.

16th Saturday. Morning fine, in passing Campo Grande I saw the Nymphaea, in the ditch in flower arrived about noon at Taguichy. Ther 12. 75.

Noted a fine Begonilla in fl.
about orange colour.

1847.

Continuation of Journal

H.

March 1st 8 67. Saturday. Dull Cloudy Weather. Prevented from leaving at 4 o'clock. Small misting Rain. most part of the Day.
Evening fair, light Clouds.

2nd Sunday. Showery with early part of the Morning. Fine & clear at 9 o'clock. Continued so the whole of the Day.

3rd Monday. Morning very fine. Went on board the Brig: Kangaroo. Spoke with Capt. Jefferys, who informed me, that he could not sail before the 10 to 12th Inst. - Returned on shore; and for company of an Invitation, dined with His Excellency, in the afternoon. Fine weather throughout the Day. Strong sea breeze.

4th Tuesday. - This Day was occupied on the Botany Bay Road. Gathered on the Road sides, duplicate seeds of *Lobelia* sp. - *Phyllanthus* sp. leaves small ovate cuneiform. Duple. (at the damp sandy Camp) gathered spec^s of *Bankesia* - oblongifolia; and seeds of *Pteropoda pulchella* in similar form. 81. also seeds of a *Sporoxis* Plant, *Bellis* sp.; resembles 2-ovate. 80. In dry forest land near the Bay, gathered spec^s of a new sp. of *Docton* (cuneate) a small shrub. Observed in the Deep water near the Road, an Aquatic plant in flower, perhaps *Actinocarpus* of Brown's prod. Cor 3-foliate (white) Anthers and Styles yellow. Dark lowering weather. a few drops of Rain fell at midday. Returned to Sydney at dusk.

5th 8 67 Wednesday. Forenoon showery. Repairing my gun and spec^s - Purchased some Canvas for Cases for the Protection of my papers from wet weather. - Given directions for a portable specimen Press; and otherwise occupied in matters relating to the intended long Journey. Afternoon fine. Light flying Clouds.

4th 9th by Thursday. Fair weather, but cloudy. Took up my seed & specimens, and returned to Paramatta, at 2 o'clock P.M. Employed all the afternoon.
Rain at night.

5th 9th by Friday. Dark cloudy morning. Heavy Rain commenced at 10 o'clock. Employed at home looking seeds, writing journal & so on.
Fair at noon. Showery in the afternoon.

6th 9th by Saturday. Fine clear morning. Fickering and packing the remaining of my spec^{ies} in. Having visited the Bath Rocks near Parramatta, but since I had been in at P. M. and desirous of augmenting my seed list, I made an excursion to them at 12 o'clock. - gathered seeds of *Ceratophyllum demersum* (32 seed list) - seeds of an Umbellifer plant, Caps 2-3 - seeds of the *Asperifolia*? seeds 93 list. - Aster of very slender herbaceous plant, leaves 3-lobed, lower 3-fid, petals white, and some of *Linaria* 84 list. Duplicate seeds of *Panax* sp. often before observed. With some ferns, among which is a singular *Acrostichum*. - on my return gathered spec^{ies} of *Gracilis* sp. (new) flowers very large white, also duplicate seeds of *Trachymene incisa* - 62 list

Overcast about 2 o'clock. Thunder from the Westward, with strong S.W. wind. Showery at 3 o'clock. Obed to return home. Heavy Rain at 4. when Therm stood so low as 65°.
At 6 o'clock it was fair. Cloud breaking S.W. & log fire

7th 9th by Sunday. Showery most part of the forenoon. Fair at one o'clock. Fine and clear sky in the afternoon. Strong gust of Wind in the eve.

8th 9th by Monday. Heavy Clouded atmosphere early this morning, succeeded by a thick mist. Cleared up at 8 o'clock. With view of adding to my Collection of spec^{ies} and seeds, I made an excursion (early this morning) to the Pennant Hills, about 8 miles from Parramatta. - In rocky Valley at the base of these Hills, gathered seed of a handsome shrub of the genus *Eucarpus*, and perhaps the sp. discovered by Labillardiere in Van Diemen's Land in 1793, and called by him *E. expansa*, much the habit of *Taxus*, receptacle of the fruit larger than *C. angustifolia*.

947
 var. 10th
 contd
 cupressiformis, (and of a deep purple colour. 83" low but
 On damp rocks gathered seeds of *Leptospermum* sp. said to
 L. Hoveaensis 86. S. lat. and in a similar situation, *Hydrocotyle*
 sp. leaves reniform, and crenated on the margins - 87. S. lat.
 - *Panax* sp. cleft into seeds. 56" low but. - with
 the following specimens: *Persea pinnifolia* - Tree about 20
 feet: - *Excoecarpus cupressiformis* spec. in flower, and
Backea densifolia, abundant on damp rocks. - Returned to
 my Head 9th at Castle Hill about 9 o'clock A.M. At 5 o'clock
 a small Rain commenced, which increased at night. Heavy Thunder Lightning.

11th 8 50 Tuesday. Rain most of the preceding night. Continued without
 12 56 interruption, most part of the Day - Damp chilling atmosphere.
 Prevented from stirring out of Doors. Heavy Rain at night.

12th 3 67 Wednesday. Weather as yesterday. Frequent heavy Showers.
 Fair, for a short period in afternoon which enabled me to return
 4 66 home to Parramatta, with the few seeds and spec. in good condition,
 being unable to make any further excursions, while the wet
 weather continues.
 Rain with Thunder and Lightning at night.

13th 7 50 Thursday. Morning fair but Cloudy. Repacking my specimens
 seeds in. Having heard of the arrival of the *Tane* and the 10th
 6 68 *Bensley* Convict Ships from London, and desirous of ascertaining whether
 they had brought any Letters for me, I went down to Sydney,
 but found none had arrived.
 Small misting Rain in the After.

14th 5 67 Friday. Small Showers most part of the Forenoon. Returned to
 4 71 Parramatta in the Afternoon, having previously been informed that
 the *Kangaroo* Brig. could not sail for Sea before the 25th -
 Inst. by which conveyance, I intend to forward to England.
 the Collection now forming - Evening Showery. Wind from midnight.

15th 8 70 Saturday. Morning fine, light Clouds. Breezing, brisk and fresh
 12 70 specimens: drying seeds in. overcast Showery in the After. of the fine in
 the Evening.

16th 7 72 Sunday. Showers dark and heavy. Small Rain fell at 10 o'clock
 12 72 Showery at intervals all the Afternoon.
 Rain at Midnight.

4/1877

allan 17

37, Monday. Morning foggy. Fine clear Day. Littery. The whole of this Day was employ^d in an immense track of land, beyond the Camp of Parramatta, but met with but little success. - The late heavy Rain had destroyed nearly the whole of the - seeds that were ripe; ~~as well as~~ ^{as well as} flowering spec^s.

470 Taken seed of *Plasocarpus cyanus*, a small tree on the Banks of the north creek & in low damp soil. - seeds 90-100 - also seeds of *Goodenia* sp. allied to *G. halimifolia* - 80 do with some Duplicates viz. *Lesatopetalum guineense*. Evening Cloudy.

18th 372 Tuesday. Morning fair. Cloudy. Showery in the evening part. Occupied packing the few specimens dry, writing seed and spec^s. 470 Light & Heavy Rain at 2 o'clock. Showery most part of the afternoon. Lightning at night.

19th - Wednesday. a Morning very fine and Clear. Employ^d within 87, doors, folding seed papers &c. Outcast at 12 o'clock when a few Drops of Rain fell. - Afternoon fine. Took a walk 1276 a short distance in the Camp; gathered seeds of *Pattersonia stricta* 95 - *Monucia Monadelphica* (Crotch.) a dwarf suffrutescent plant - *Triandra* *Monay*. Shrub. Cal. entire. ~~Cor. 3 petals~~ ^{seeds 1 spec^s 88} 2 of them larger & bifid. Nectar 5-cleft ciliated. Droplets 1-specimen in very rocky shallow soils. - *Goodenia* a small lobed plant. Cor. 1-petala carulea; Caps. 1-lamellar 8-valvis: *Gymnanthera* and a sp. of *Hypoxis*, a small lilaceous plant, found among grass. Evening very fine.

20th Thursday. Fine Day throughout. - Drying seeds, packing spec^s 538 Slight frost ^{in the} the last night. - An opportunity offering for Look Horse, going up to Bathurst. I sent forward a specimen 867 Prep and some Paper, to remain at the Depot, till my arrival. 1269 Evening cloudy. Distant Thunder in the Evening. Showy at night 6473

21st 56 Friday Morning particularly fine and clear. I occupied myself throughout this day, examining the Botanical Productions of rocky Creeks, in the Environs of Bathurst Hills about 5 miles from Parramatta. Collected seeds of the following plants 1 *Jasminoides*; a twining pet shrub, not unlike *Jasminum gracile* A.R.

1817
16th 21st
Contd

but the berry is many seeds.

2. Veronica sp. small creeping rock plant; flowers blue - 91. 92 day
3. Cypripedium sp. leaves quinate leaflets, ovate-oblong, glaucous beneath, a twisting stem. 93 day

4. Beckia ~~densa~~ sp. allied to B. densifolia; a low decumbent shrub 94 day
Continued fine, but sultry all the day. damp. 94 day

5
ad 72

It being far advanced in the afternoon, before I could return to Ballin
Hills, having gone along the margins of the Creek several miles;
I passed the evening & night at the little farming establishment of a Friend.

22nd 8
am 7

Saturday. Morning as yesterday. Clear and slightly atmospheric.

Returned to Parramatta this morning. Drying seeds &
Writing forward seed lists, &c. - Light clouds in Aftn

12 74

23rd

8
by

Sunday. Fine but cloudy. - Clear sky at 10 o'clock.

12 76

Contd fine all the day.

24th 8
am 74

Monday. - This day I finally packed Trunks and spec in the box, and closed it. - Writing Letters to the Right Honble Sir Joseph Banks, and W. J. Aiton, Esq. informing them (among other matters) of the shipping at 10 o'clock and send aboard H. M. S. armed Brig, Kangaroo, bound for England direct. - Enclosing specimen & seed lists, Copy of Journal from Sept. 1st to the end of the last Month, together with an list of my Disbursements.

Morning fine. Overcast at 11 o'clock. Strong gusts of wind from the S.W. - Afternoon Cloudy. Blue confined atmosphere: at 5 o'clock a heavy storm of wind & rain commenced, which continued but a short period. Evening Cloudy.

4 80
ad 80

6 76

25th 7
am 74

Tuesday. Morning cloudy but fair. Having placed my Box aboard the Daily Express-boat, in order to be forwarded to Sydney Cove. I went down myself by Land.

11 77

12 78

Later afternoon, ship'd my Collection aboard the Kangaroo Brig, which is expected to sail in a few days.

30

Day sultry. Sea breeze freshen'd. Night fine & clear.

26th

Wednesday. Bright clear day. Heat moderate. Afternoon cloudy towards the close.

27th

Thursday. Dark heavy storming. Fine about 10 o'clock. Clear sky. This day (with the preceding) were employed

9, 1817 in affair relative rather intended distant journey. - Waited 'till 26th
Mar. 27th on the 26th, but could not see him; Mr. Exceley being much engaged at the
period, forming his Dispatches for England. - This Day 27th I was
requested by the Surveyor Genl. to prepare myself for my Journey,
as it was hoped we should commence our ~~journey~~ route, on or about
the 1st of April next.

28th 9/17 Friday. Morning fine, after the rain which fell at midnight.
Returned to Parramatta at nine o'clock this morning.
Packing up my remaining part of baggage & and otherwise
occupied within doors.
Night particularly bright and clear.

29th 4/6 Saturday. Morning foggy. Day fine. Clear sky. - Employed
packing, and securing down my government chest, and Post
box, and otherwise disposing of those things, that I intend
to deposit in the Government Store House till my
return from the mountains.
One and a half in the afternoon.
Lightning from the S. West. overcast about 9 o'clock
with appearance of Rain. - Violent gusts of Wind.

30th 8/ Sunday. Morning very wet and disagreeable. Showery
thro' out the Day. Cont. at night

31st Monday. Much rain fell the last night. - Dark and
heavy weather. Showery at intervals ~~thru~~ the Day. -
This Day I recd a Letter from the Depy. Surveyor, stating
that next Thursday has been fixed for, as the Day in which the
remaining Persons, composing the Expedition should proceed
forward from Parramatta, and begg me to hold myself
in a state of readiness, to join them, on that Day.

April 1st 3/03 Tuesday. The Weather continued much the same as yesterday.
The Rain that fell during the preceding night, was very
considerable. Fair weather & showery, alternately. Brightened up
at midday, with apparent signs of a clear weather.
A small misty rain in the Evening. Remained within doors
all the Day. - - Writing forward Journal

1817

April 22^d 53^d Monday Rained early this Morning. Fine Weather at 8 o'clock
- snowed small snows fell about 10. - Afternoon fine, light
Clouds. This day I conveyed my Chest and Boxes, to the Govt.
Store House; and placed them under the Care of the Store keeper,
until my return from the intended Journey.