

Orto Rico 1932

F. S. Miller Jr.

Florida

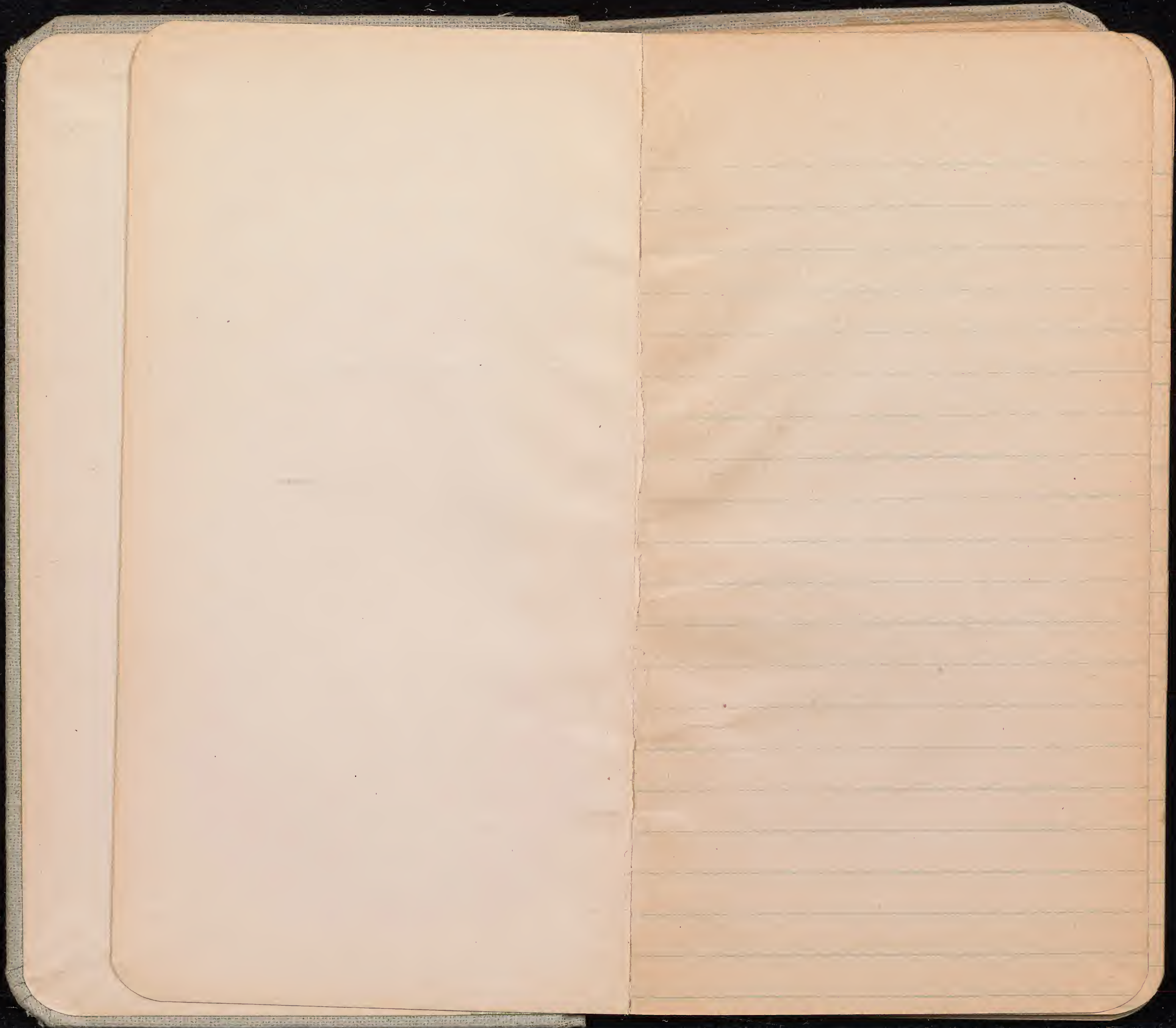
Panama

1601 - 2080

Ferrit S. Miller Jr.
U.S. National Museum
Washington
D.C.



272 1/2



March 15, 1932

Hibiscus tiliaceus L.

1601 Wood sample

Hills south of Bayey

Polto Nicos

1602 *Guazuma ulmifolia* Lam.
do

1603 *Datura suaveolens* H. & B.
do

1604 *Cecropia peltata* L.
do

1605 *Solanum rugosum* Donal
do

1606 *Solanum torvum* Sw.
do

1607 *Lantana aculeata* L.
do

March 15, 1932

1608 Wood sample
Cestrum macrophyllum Vent.

Hills south of Bayey
Puerto Rico

Eugenia jambos L.

1609

do

1610

do

Tabebuia heterophylla (DC) Britton

1611

do

Piper aduncum L.

1612

do

Citharexylum fruticosum L.

1613

do

Bauhinia monandra Kurz

1614 *Erythrina glauca* Willd. (1)

Nos. 1614-1666
identified by
Dr. Britton

Near Dorado

March 21, 1932

1615 *Mammea americana* L. (2)

Near Dorado

March 21, 1932

1616 *Montezuma speciosissima* (3)

Sessé & Moq.

do

1617 *Bucida luceras* L. (4)

do

1618 *Calophyllum antillanum* (5)

Britton

do

1619 *Xyca ferrea* (Jacq.) Benth. (6)

do

1620 *Cordia macrophylla* ^{Rob.} = (7)

C. sulcata DC.

do

1621 *Enallagma latifolia* (Mill.) Small (8)

do

1622 *Manilkara (aluba)* (9)

= *Mimusops nitida* Willd. Near Dorado

March 21, 1932

1623 *Phlebotaenia conellii*

Britton

Send down to *Fucillo* by Britton
Near Coamo Springs

March 27, 1932

1624 *Annona muricata* L. (11)

Near San Germán

March 29, 1932

1625 ~~*Bunchosia spicata*~~ (12)

Bunchosia glandulosa (Sw.) DC.

correction in letter
of May 16, 1932.

March 29, 1932

1626 *Pauwolfia tetraphylla* L. (13)

do

March 29, 1932

1627 *Cassia grandis* L.f. (14)

(flowers April 5) do

(only tree known in P.R.)

1628 *Guyacum officinale* L. (15)

Near Parquera

March 29, 1932

1629 *Sideroxylon foetidissimum* (16)
Jacq.
Near Parquera
March 29, 1932

1630 *Xanthoxylum martinicensis* (17)
(Lam.) DC.

do

do

1631 *Bumelia obovata* (Lam.) (18)
a DC.

do

do

1632 *Tourubia fragrans* (19)
(Dum. - Couss.) Standley

do

do

1633 *Capparis portoricensis* (20)
Walt.

do

do

1634 *Cordia nitida* Vahl (21)

do

do

1635 *Inga laurina* (Sw.) Willd. (22)

San Germán

March 30, 1932

1636 *Clusia rosea* Jacq. (23)

San Germán

March 30, 1932

1637 *Aerodielidium salicifolium* (24)

do (Sw.) Griseb.

do

1638 *Hymenaea* Courbaril L. (25)

do

do

1639 Anonaceae? (26)

Margaritaria nobilis in letter May 14, 1932
Secret & Bark L.f. do

Flowers Apr. 8th - in bottle. do

1640 *Anomys grisea* (Kiaerab) Britton (27)

do

Pictetia

do

1641 *Pectia domingensis* Jacq. (28)

do

do

1642 *Myrcia splendens* (Sw.) DC. (29)

do

do

(Vahl) Eichl.
1643 *Buchanania capitata* (30)
San Germán
March 30, 1932

1644 *Tecocrea guianensis* (31)
J. Guadalupensis (Duch.) Britton
do
do

1645 *Chrysophyllum olivaceum* L. (32)
do
do

1646 *Tabebuia haematantha* (Sw.) DC. (33)
do

Leaves ?

1647 "Noble" (Swartz) (34)
Tabebuia heterophylla (Sw.) Britton
Maguay Island

March 31, 1932

1648 *Plumiera alba* L. (35)
do

1649 *Suriana maritima* L. (36)

do

do

1650 *Plizophora mangle* L. (37)
Maquey Island
March 31, 1932

1651 *Parkinsonia aculeata* L. (38)
do

1652 *Malpighia* ^{do} *infestissima* (A. Juss.) Rich. (39)
sp.

do

do

1653 *Erythrina caribbaea* (Jacq.) R+S (40)

Identification will be given by Dr. Britton do

do

1654 *Eugenia* sp. (41)

E. rhombica in letter of May 16, 1932 Berg-Krug & Urb. do

1655 *Canella winterana* (L.) Gaertn. (42)

do

do

1656 *Cupania americana* L. (43)

San German

April 1, 1932

1657 *Miconia prasina* (Sw) DC. (44)

San Germán

April 1, 1932

1658 *Picus laevigata* Vahl. (45)

do

do

1659 *Picus stahlia*? (46)

? duplication will be do

given by Dr. Britton

P. laevigata in letter of do

Vahl. May 16, 1932.

1660 *Andira inermis* HBK. (47)

do

do

B

1661 *Vixa orellana* L. (48)

do

do

1662 *Casaria*^e *sylvestris* Sw. (49)

do

do

1663 *Inga inga* (L.) Britton (50)

do

do

1664 Psidium guava Griseb. (51)
= P. guajava L.
San Germán

April 1, 1932

1665 ^GHemelia patens Jacq. (52)
= H. erecta Jacq. do

do

1666 Anacardium occidentale L. (53)

do

do

1667 Wood sample

Capparis flexuosa L. Guanica Lake

April 1, 1932

1668 Vine

Tournefortia microphylla Bert. do

do

1669 Phlebotaenia coullii Britton

Southwest of Guanica Lake

April 4, 1932

Ditaxis fasciculata Vahl.

1670 Shrub

In dry scrub. Near Salinas

April 4, 1932

Alectroctonum petiolare Lk. + Gke.

1671 Wood sample

Between Guanica Bay & Sabana

April 4, 1932

1672 *Colubrina ferruginosa* Brongn.

do

1673 *Psidium amplexicaule* Pers.

do

1674 *Jatropha hernandifolia* Vent.

do

1675 *Helicteres jamaicensis* Jacq.

do

1676 *Samyda docteaandra* Jacq.

do

1677

~~1678-1680 blank~~

Florida: Upper Matecumbe
Key. Dec. 31, 1934. (Herb. & Wood
specimens).

1681. *Hymnanthes lucida* Sw.

1682. *Kingiodendron ferrugineum*
(Vahl.) Urb.

1683. *Coccoloba laurifolia*
Jacq.

1684. *Bursera simaruba*
(L.) Sarg.

1685. *Zanthoxylum fagara*
(L.) Sarg.

1686. *Piscidia communis*
(Blake) Harms

1687. *Metopium toxiferum*
(L.) Sw. + Urb.

1688. *Eugenia buxifolia* (Sw.)
Willd.

1689. *Amyris elemifera* L.

1690. *Schaefferia frutescens*
Jacq.

1691. *Drypetes diversifolia*
Kw. + Urb.

1692. *Exostemma caribaeum*
R. S.

1693. *Tournefortia longifolia*
(Hillebrand) Britton

1694. *Coccoloba laurifolia*
Jacq. (form)

1695. *Coccoloba laurifolia* Jacq.

1696. *Pithecolobium unguis-*
cati (L.) Benth.

1697. *Sideroxylon foetidissimum*
Jacq.

1698. *Ximenesia americana*
L.

1699. *Guaiacum sanctum*
L.

1700. *Rhizophora mangle* L.

1701. *Ficus brevifolia*
Nutt.

Coconut Grove,

12/6/34

Big Pine Key

2/20/35

2/22

1702. *Coccoloba uvifera*
(L.) Jacq.

1703. *Pseudophoenix*

1704. *Asclepiodora viridis*

1705. *Brysonima lucida*
(Mill.) Rich

1706. *Ruppia maritima* L.

1707. *Agalinis fasciculata*
(Eel.) Raf.

1708. *Opuntia beyersii* Britton

Big Pine Key

2/22/54

~~1708~~

1709. *Acanthocereus floridanus*
Small

1710. *Opuntia abjecta* Sussp
(type loc.)

1711. = 1709.

1712. *Narrisia simpsonii* Sussp

1713. " "
(photo by Swallen)

1714. *Cephalocereus beyersii*
DOR.

1715. *Acanthocereus floridanus*
Swasee

Coconut Grove, Fla 2/26/35

1716. *Serenoa*

1717. *Coccothrinax*
1 of garden

see next
page

Near Rio Medio

Panama
February 3 -

1718. Tree, 100 ft. ±

New road cutting in heavy
forest, 2 1/2 miles back from shore of
Gatun Lake, opposite Gatun
Feb. 3, 1937.

1719 *Peperomia*

On 1718

1720 Small orchid

On 1718

1721 Tree, 100 ft. ±

Across road from 1718

1722 ? (leaves)

From top of 1721

1723 Fern (slender, entire)

From top of 1721

1724 Fern

From top of 1721

Near Rio Medio

1725 Fern (dactylo)
From top of 1721

1726 Fern (slender, entire no 2)
From top of 1721

1727 Fern (broad, entire, small)
From top of 1721

1728 Fern (slender, entire, ^{long pet.})
From top of 1721

1729 Fern (hanging)
From top of 1721

1730 Fern (erect)
From top of 1721

1731 Fern? not fruiting - 3 ft.
From top of 1721

Near Rio Medio - Feb. 3, 37

1732 Small club-moss? (no fruit)
From Top of 1721

1733 Peperomia (small, in moss)
From Top of 1721 -

1734 Orchid (9 in)
From Top of 1721 -

1735 Peperomia (large-leaves ^{pointed})
From large tree trunk
(photograph)

1736 Peperomia (larger-leaves ^{not pointed})
From another tree, about 40 ft.
limb cut off -

1737 Orchid (slender fruit)
Same tree as 1736

1738 Fern
Same tree as 1736

Nos. 1736 - 1739 Taken from
limb cut off by soldier who
climbed with iron.

Near Rio Medio, B. G.
Feb. 3, 1937

1739 *Teran* (same as 1723?)
Same tree as 1736

Near Rio Medio, Feb. 11, 1937

1740 *Peperomia* (large leaf)
On small tree near ground

1741 *Peperomia* (small leaf)
On small tree near ground
No fruit

1742 Tree about 120 ft high
(Trunk faced 90 ft to first
branches)

1743 *Peperomia* (medium leaf)
On branches of 1742

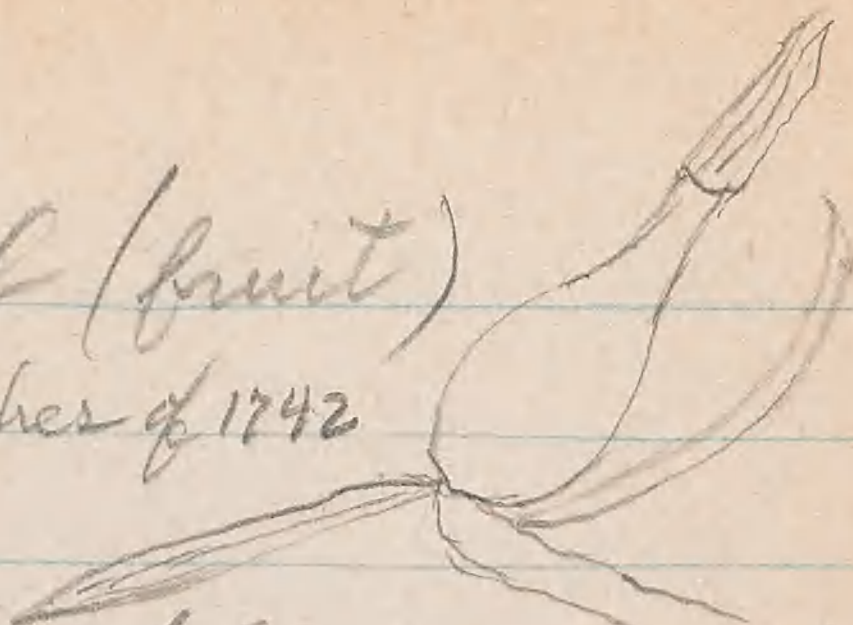
1744 *Peperomia* (small leaf)
On branches of 1742

1745 *Pepr. habit* - flower 1 inch ±
On branches of 1742

Near Rio Medio, Feb. 11, 1937.

1746 Orchid (fruit)

Branches of 1742



1747 Orchid (flower 6 mm, in form of a calyx)

Branches of 1742

1748 Orchid (flower 2 mm)

Branches of 1742

1749 Orchid (fruit 6 mm)

Branches of 1742

1750 Orchid (Heliconia-like inflorescence)

Branches of 1742

1751 Orchid (very small but apparently different from 1748)

Branches of 1742

1752 Orchid (flower 12 mm, fruit 20 mm)

Branches of 1742

= *Mastivallia*?

Near Rio Medio, C.Z.
February 11, 1937.

1753 Orchid (no flowers or fruit)
Branches of 1742.



1754 Bromeliad (Leaves 100 mm ±
Stalk 220 mm ±
700 fruit)
Branches of 1742.

1755 Bromeliad (small - no flowers)
(or fruit)
Branches of 1742.

1756 Fern - (sori in 2 rows)
Branches of 1742.

1757 Fern - (sori in several irregular rows)
Branches of 1742.

1758 Picus sp. (About 100 ft. high)
(Not faced)

1759 Vine - Leathery leaves -
Branches of 1758.

Near Rio Medio, C. Z.
February 11, 1937

1760 Cactus (no fl. or frt.)
Branches of 1758

1761 Fern? (Not fruiting)
Branches of 1758

1762 Fern (Frond 350 mm)
Branches of 1758

1763 Orchid (probably same as ^{no 1749})
Branches of 1758

1764roid (leaf blades 190x55)
Branches of 1758

1765roid (leaf blades 190x12)
Branches of 1758

1766 Piper
Edge of newly cut road
in heavy forest.

Near Rio Medio, C.Z.
February 11, 1937.

Edge of recently cut road
through heavy forest.

1767 Shrub (fruit)
Edge of newly cut road
in heavy forest.

1768 Piper
Madden Lane Road, near
Battery 46 Hill - February 14, 1937

1769 Piper (thick fruit)
Battery 46 Hill
February 14, 1937

1770 Piper (burned fruit)
Battery 46 Hill
February 14, 1937

1771 Piper (slender fruit)
Battery 46 Hill
February 14, 1937.

1772 Piper (leaves 260 x 150 mm)
Battery 46 Hill
February 14, 1937.

1773 Piper (leaves 80 x 65 - long ^{tapering})
Battery 46 Hill
February 14, 1937

Second growth near Pacora River
February 17, 1937.

1774 Pothomorphe

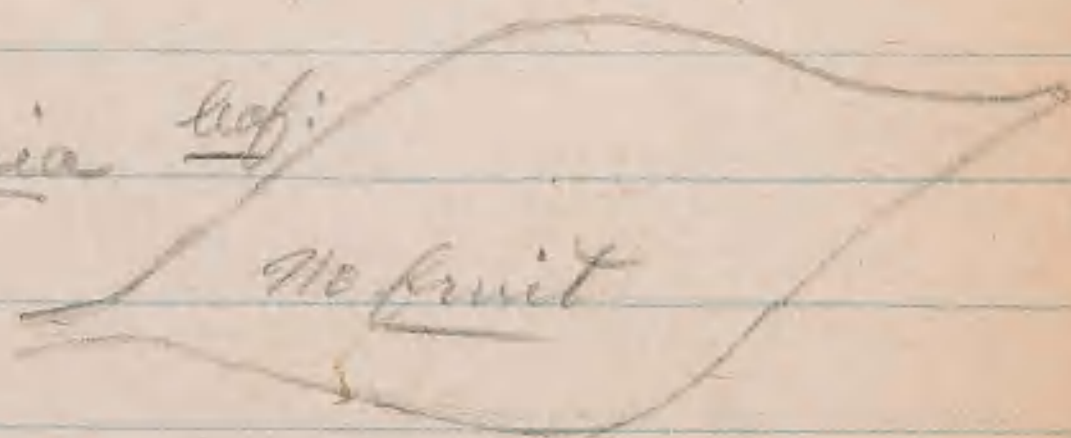
Battery 46 Hill

February 14, 1937.

1775 Peperomia (leaves orbicular,
9mm - dense mat on trunk of large
tree) unusually succulent - spin. sec.

1776 Peperomia (long spikes -
up to 2.0 mm)

1777 Peperomia leaf:



1778 Peperomia Perhaps same as
no 1775, but leaves seem to be ^{smaller}
more fleshy, and longer pointed.

1779 Shrub - red fruit

1780 Shrub - red flowers

Second growth near Pecora River
February 17, 1937.

1781 Shrub - twisted fruit.

1782 Shrub - very small, solanum-
like flowers.

1783 Shrub - small flowers in
dense bunches.

1784 Small tree - velvety leaves.

1785 Small tree - large, shiny
leaves.

1786 Trailing vine.

1787 Verbena?

1788 Piper

Foot of Corozal Hill (southeast side)

February 18, 1937.

1789 Piper

Barrio Colorado (near laboratory)

February 19, 1937.

1790 Piper (glabrous)

Foot of Corozal Hill (south side)

February 20, 1937

1791 Piper (velvety)

Foot of Corozal Hill (south side)

February 20, 1937.

1792 Small tree, very brittle wood

Near Bejuco, 40 miles \approx W of G.Z.

February 21, 1937

1793 Vine - large flowers

Near Bejuco

February 21, 1937

1794 Hippomane

Gorgona Beach (Isla Gorgona)

fruit in 50 miles SW of G.Z.

all. February 21, 1937.

Leaves seem smaller than in U.S.

1795 Small tree (twisted pods)
Gorgona Beach (Isla Gorgona)
50 miles SW of G.Z.
February 21, 1937 -

1796 Dense shrub - glossy leaves
Gorgona Beach
February 21, 1937

1797 Small tree - small, fragrant
flowers.

Gorgona Beach Feb. 21, 1937

1798 Small tree (burred pods)
Gorgona Beach

1799 Vine (Milweed-like pods in
alc. - No leaves at this date)
Gorgona Beach Feb. 21, 1937

1800 *Piper milacifolium*? (leaves ²⁶⁰x200)
(shrub, 15ft) Govt. post reverse on
Madden Davis Rd, G.Z. Feb. 22, 1937 -

1801 *Piper* (erect spike, velvety green
leaf, shrub 15ft)

Same loc & date as 1800

1802 Piper (rough leaf)

same loc & date as 1700.

1803 Piper (burred spike; grows
taller than the others - up to 30 ft ±

same loc & date as 1700.

1804 Tree (yellow flowers in spikes)

Sajalesas River at Nat. Highway

February 23, 1937.

1805 Shrub

Near Bejuco

February 23, 1937.

1806 Vine

Near Bejuco

February 23, 1937.

1807 Vine (long pod - in alc.)

Near Bejuco

February 23, 1937

1808 Vine (Millweed-like pods in alc.)

Near Bejuco

February 23, 1937.

El Valle - February 23, 1937

(Valley floor, and lower
slopes, along highway)

1809 Vine (small fl & fr)

Near Pejuco - Feb, 23, 1937.

1810 Shrub (Purple fl.)

El Valle - February 23, 1937

1811 Vine (Purple fl.)

1812 Piper sanjoseanum?

(See No 1848)

1813 Piper (Narrow leaf, // veined,
tending to grow in pairs.)

1814 Piper (Narrow leaf, not // veined,
very glossy, not tending to
grow in pairs)

1815 Piper (Leaves rather narrow,
larger than 13 & 14 - up to 195 X 55 mm)

El Valle, February 23, 1937

1816 Piper (Leaves larger and
less narrow than in 15 - up to 220x80)

1817 Piper (Large, broad leaf, up
to 210x115 mm)

1818 Piper (Leaves small, up to 80x30,
velvety above)

1819 Piper (Perhaps not different
from 1818)

1820 Piper (Near 1818 & 1819. The
three appeared to be different
from each other when growing)

1821 Utricularia ? Flowers yellow
In wet sand

1822 ?
With 1821 Flowers pink

El Valle, February 23, 1937

1823

?

Flowers pink

With 1821 and 1822

1824 Shrub (Piper-like spikes)

1825 Tree (gray bark - small white fls)

1826 yellow flower

1827 Composite

1828 Composite No 2

1829 Composite No 3

El Valle, February 23, 1937

1830 Composite No 4 (= No 1?)

1831 Peperomia (large - in alc.)

1832 Pea No 1. (Fl. only)

1833 Pea No 2. (Fl. only)

1834 Polygonum

1835 Solan. (small frt.)

1836 Tree (small frt. close-set
along branches)

Taboga Island, Feb. 27, 1935.

1837 Shrub - (fruit terminal,
few).

1838 Shrub - (fruit terminal,
many)

1839 Shrub - (long flowers)

1840 Shrub (Whitish flowers)

1841 Small tree (Willow-shaped
leaves)

or woolly vine)

1842 Tree (Poison-munch-like
leaves)

1843 Shrub (Small flowers,
slender-pointed, stony leaves)

Taboga Island, February 27, 1933

Trailing)

1844 Shrub (Hairy leaves)

1845 Piper (Medium sized leaf,
moderately rough)

1846 Piper (Rather large ^{bright green} leaf, up to
210 x 100 mm, very unequally lobed)

1847 Piper (Leaves like 1846 but
narrower, dull green)

1848 Piper sanjoseanum? (Like 1812
but leaves with veins narrower and
veins more prominent) ^{No fruit on}
_{202 plants}

1849 Vine (Fruit and morning-glory
like leaves)

1850 Vine (Small white flowers)

Taboga Island, February 27, 1937.

1851 Meliconia

1852 ? 3ft high - fl. pink.

1853 ? Gentian-like

1854 No guess - buds and flowers
dull yellow - damp ground.

1855 Heliconia - flowers yellow,
inflorescence small.

1856 ? (damp ground)

1857 Purple flower - damp ground

1858 Composite No 1.

Taboga Island, Feb. 27, 1937.

1859 Composite No 2.

Taboga Island, Feb. 27, 1937.

1860 Composite No 3.

Taboga Island, Feb. 27, 1937.

1861 Piper sanjoseanum?

Empire, C.Z., March 5, 1937

(Lobes overlapping)

1862 Piper sanjoseanum?

Empire, C.Z. March 5, 37 (In ruins of hospital)

(Sinus very shallow)

1863 Piper (conspicuous shiny green ^{leaves}
stem fibrous, not easily breaking
Habit unusually tree like, up to 3m)

Empire, C.Z. (In ruins of hospital)

1864 Piper (Velvety leaf)

Empire, C.Z. (In ruins of hospital)

Leaves withering unusually rapidly.
Conspicuously different from all other species
yet seen.

1865 Piper (smooth leaf, dull green)
Empire, C. Z. (In ruins of hospital)
March 5, 1937.

1866 Piper (Hairy twigs)

March 7, 1937.

1867 Piper milacifolium?

March 7, 1937.

1868 Piper (nearly smooth twigs)

March 7, 1937.

1869 Piper (slender velvety leaf)

March 7, 1937.

1870 Fern

Trapeche?, Pearl Is.

March 15, 1937

1871 Shrub

Trapeche?, Pearl Is.

(conspicuous fruit)

See only fern seen

Trafalco I, off Pedro González,
Zuley I, Pearl Islands,
Panama, March 14-15, 1937.

1872 Pointed pods

1873 Bombay

1874 "Mumbillo"

Wood sample 1

1875 "Mameyita"

" " 2

1876 "Higueron"

" " 3

1877 "Jobo"

" " 4

1878 "Cerezo"

" " 5

Pearl Islands

Trapeche I. March 14-15, 1937

1879 "Naranjito"

Wood sample 6

1880 "Conejo"

" " 7

1881 "Hombre Grande"

" " 8

1882 No local name

" " 9

1883 Smilax

1884 Vine (composite)

1885 ?

Pearl Islands.

Trafalgar I., March 14-15, 1937.

1886 Tree

1887 Vine (Very long ^{flat} pods)

1888 Conocarpus

1889 Tree

1890 Orchid

(Hollow stem full of ants)

1891 Tree

1892 Small plant on rocks
(dry)

Pearl Islands

Trapezoid I., March 14-15, 1937

1893 *Passiflora* - small yellowish
flowers

1894 *Solanum* fl. 7 ft.

1895 ?

1896 Black palm

1897 Sedge

1898 Tree

1899 Vine (large ^{tree} pods)

Bear Islands

Trapezoid I, March 14-15, 1937

1900 Tree (small white fl.)

1901 Tree (short thick pods)

1902 Tree (fruit terminal)

1903 Tree (Peltate-like inflorescence)

1904 Tree (same as 1891?)

1905 Tree (big)

1906 Epiphyte (on trees near
salt water)

Pearl Islands.

Trapeche I., March 14-15, 1937

do

San José I., March 16, 1937

1907 *Piper sanjoseanum*

1908 *Piper* sp.

1909 Orchid

1910 Tree (fig)

1911 ?

1912 Orchid

1913 Shrub - slender leaves

Pearl Islands

San José I., March 16, 1937

1914 Shrub

1915 Vine

1916 Hippomane

1917 Orchid - Common on
rocks near the beach.

1918 Shrub

1919 Tree

1920 Tree large coriaceous
leaves

Pearl Islands

San José I., March 16, 1937

1921 Shrub (Malvaceae)
No flowers here - see
No

1922 Tree

1923 Tree

1924 Tree (Nymphaea-like fl.)

1925 Shrub or small tree

1926 Tree

1927 Vine

Pearl Islands

San José I., March 16, 1937

1928 Tree

1929 Fern (On rocks at ^{edge}
of beach)

1930 ? - (On rocks with
No 1929)

1931 Fern (In damp woods)

1932 Shrub (fruit?)

1933 Large vine (to 15-25 ft)
fruit in alc.

1934 Ferns - fronds up to 15 ft

San José I. March 16, 1937

Saboga I. Pearl Islands
March 17, 1937

1935 Tree (fruit)

1936 Climbing fern

1937 Vine (pods 140 x 24 mm)

1938 "

1939 " (Winged seeds)

1940 " (Briely pods)

1941 " (Woody tendrils)

Saboga?, Pearl Islands
March 17, 1937

1942 Vine (Mucyrum like pods
270 mm)

1943 " (Morning glory)

1944 " (Silky under side of leaf)

1945 " (Hairy ")

1946 " (Glabrous ")

1947 " (yellow flowers)

1948 "

1949 " (Pea pods - 65 mm)

Saboga I., Pearl Is., Panama
March 17, 1937

Trees & shrubs

1950 Piper (Leaves dull green,
not shiny)

1951 Piper (rather broad leaf,
rapidly narrowing)

1952 Piper (rather narrow leaf,
long tip)

1953 Piper sanjoseanum
(Leaf very broad)

1954 Tree (White flowers)

1955 " (small flowers)

1956 "

Saboga I, Pearl Is., Panama
March 17, 1937.

Herbaceous

Trees & shrubs

1957

1958

1959

1960 Malvaceae (large)

1961 " (small)

1962 Calycophyllum ? (one) ^{white calyx lobes}

1963 Avicennia bicolor ?

Leaves green both sides.

1964 ? (Leaves only)

1965 (1)

1966 (2)

Saloga 7, Pearl Is., Panama
March 17, 1837

Herbaceous

1967 (3)

1968 (4)

1969 (5)

1970 (6) Verbena

1971 (7)

1972 (8)

1973 (9)

1974 (10)

1975 (11)

1976 Composite (Large heads
yellow flowers)

Saloga I, Pearl Is., Panama
March 17, 1937.

1977 Composite (small whitish
heads)

1978 " (smaller whitish
heads)

1979 Sedge

1980 Grass

1981 "

1982 "

Taboguilla Island, March 30, 1937

1983 Tree, edge of beach

1984 Shrub " " "

1985 - Vine " " "

1986 Shrub " " "

Taboguilla Island, March 30, 1937.

1987 Coarse weed.

1988 Morning glory (fruit)

1989 Vine (Winged fruit)

1990 Vine (Fern)

1991 Velvety leaf

1992 Small tree

1993 Shrub (Vine?) Leaves in pairs
Very common - 2 vines at base of petiole
not noticed elsewhere

1994 Vine Leaves deeply 2-lobed with
protrusion between lobes -
Very flat pods.

1995 Vine (Prickly - Small flowers)

1996 Vine (Aclepias?)

Taboguilla Island, Mch 30, 1937

1997 Yellow flowers

At highest point of island.

1998 Tree - (Long leaf - large
flowers in clusters)

1999 Tree - (Small fruit - Rich
green -)

2000 Vine (clustered fruit)

2001 Tree nettle

2002 Tree (Long spikes of small fl.)

2003 Piper

2004 Peperomia on rocks
in alc.

2005 Shrub (White fl.)

2006 Weed - At edge of clearing

Taboguilla Island, Mar 30, 1937

April 6, 1937

2007 Weed - At edge of clearing

2008 Composite - Large dull yellow
flower - trailing in thicket.

2009 " - Very small flowers

2010 Morning glory (small flowers)

2011 Passiflora (fruit)

2012 Sand creeper

2013 Shrub

2014 Shrub

2015 Shrub

2016 Shrub

Taboguilla Island April 1, 1937.

do

Taboga Island, April 4, 1937.

217 Shrub (leaves varying
in outline)

218 Tree

2019 Sedge? Along tree line

2020 do? do

2021 Orchid do

2022 Clitoria (erect) do

2023 do (vine) do

2024 ? do

2025 Same as 2024? do

2026 Poa (silvery underside
of leaves)

Taboga Island Panama
April 4, 1937

Near top of island at head of small
wooded ravine that runs up from
Pacific side

2027 Shrub (Vaccinium-like) Above tree line

2028 do do

2029 Composite do

2030 Small tree do

2031 ? do

2032 ? do

2033 Tree (yellow flowers) do

2034 Shrub (white fl.) do

2035 Shrub do

2036 Tree (white fl.) do

Taloga I., Panama, April 4, 1937.
Head of camp ravine

On Treelers summit -

Flichet near hotel
April 5, 1937

" "

"

"

"

Indio, Madden Lake, Apr. 13-15-

2037 Fern (Maidenhair)

2038 do (climbing)

2039 Sedge

2040 Pea ?

2041 Pifer Shiny green leaves
Upright habit

2042 Vine Leaves like morning glory
Flowers & fruit very different

2043 Smilax

2044 Moss On rock in
pineapple patch.

2045 Grass

2046 Tree

India, Madras State, Apr 13-15, 1937

2047 Tree (small fruit)

2048 Tree

2049 Tree (Long fruiting spikes)

2050 Tree (Narrow leaves)
= Piper ²⁰⁶⁵? with injured fruit?

2051 Tree (Small flowers)

2052 Shrub

2053 Shrub

2054 Shrub

2055 Shrub (On lime rocks)

2056 Small tree - cherry like
fruit
(On lime rocks)

India, Madras Lake, Apr 15-17, 37

2057 shrub

2058 shrub

2059 Tree

2060 Piper Narrow ^{thin} leaf, hanging spikes

2061 "

2062 "

2063 " Rather broad ^{subcordate} leaf

2064 " Hat-Tongue leaf

2065 " Narrow ^{thick} leaf, hanging fruit
near 2050 "

2066 Rather large leaf, long point

Indio, Madden Lake, Apr 13-15

2067 Vine

2068

(yellow flowers)

2069 Fern

2070 "

2071 "

Barro Colorado, April 17, 1937

2072 Piper? (hanging spikes)

2073 Piper (long slender erect spikes)

2074 " (tapering leaves)

2075 " milacifolium

Madden Lake, March 24, 1937

2076

Madden Lake, March 24, 1937

India

2077 *Piper sanjoseanum* ?

2078 " (lattery leaf)

2079 " (small, hanging spikes)

2080

