

Orto Rico 1932

F. S. Miller Jr.

Florida

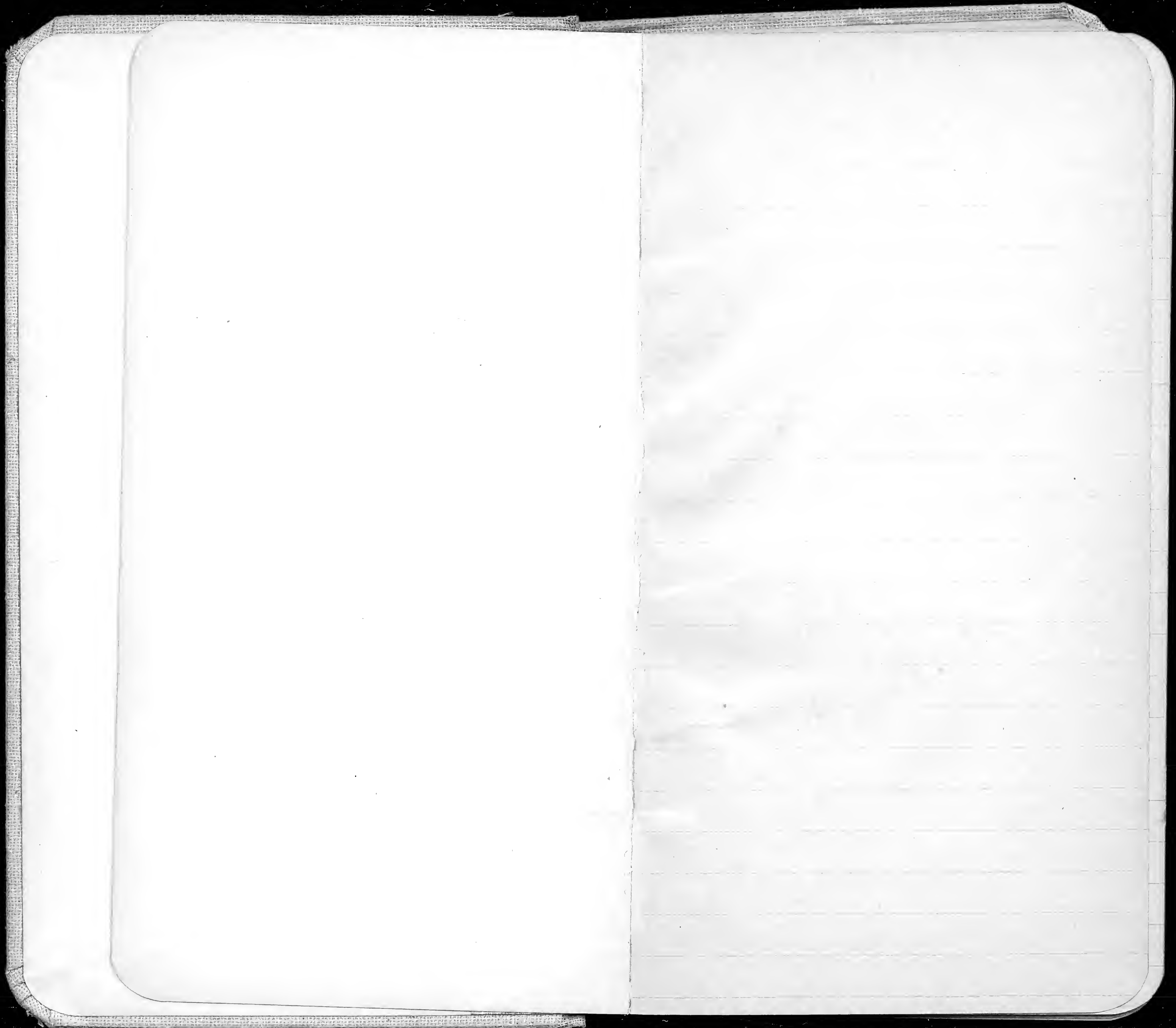
Panama

1601 - 2080

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



272 1/2



March 15 1952

Hibiscus tiliaceus L.

1601

Hills south of Lamy

1602

Quazuma ulmifolia Lam.

1603

Datura suaveolens H. & B.

1604

Cecropia peltata L.

1605

Solanum rugosum Donal

1606

Solanum torvum Sw.

1607

Lantana aculeata L.

March 1933

1608 *Cestrum macrophyllum* Vent.
Hills south of ...

1609 *Eugenia jambos* L.

1610 *Tabebuia heterophylla* (De) Britton

1611 *Piper aduncum* L.

1612 *Citharexylum fruticosum* L.

1613 *Bauhinia monandra* Kurz

1614 *Erythrina glauca* Willd. (1)
Nos. 1614-1666 Near Dorado
identified by March 21, 1934
Dr. Britton

1615 *Mammee americana* L. (2)
Near Dorado

March 21, 1932

1616 *Montezuma speciosissima* (3)
do Sessé & Mez.

1617 *Bucida luceras* L. (4)
do

1618 *Calophyllum antillanum* (5)
do Britton

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

1620 *Cordia macrophylla* ^{Rob.} = (7)
do _{C. sulcata DC.}

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

1622 *Manilkara (aluba)* (9)

= *Mimusops nitida* ~~Walt.~~ near Dorado

March 21, 1932

1623 *Phlebotaenia conellii*

Britton

Saint Juan
Puerto Rico
San Juan near ~~San Juan~~ ^{San Juan} March 27, 1932

1624 *Annona muricata* L. (11)

near San Germán

March 29, 1932

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

Bunchosia glandulosa (Cav.) DC.

correction in letter
of May 16, 1932.

March 29, 1932

1626 *Poupartia 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* (L.) Jacq. (16)
Near Parguera
March 29, 1932

1630 *Xanthoxylum martinicensis* (L.) DC. (17)
do
do

1631 *Bumelia obovata* (Lam.) A. DC. (18)
do
do

1632 *Tourubia fragrans* (Dum. - Cours.) Standley (19)
do
do

1633 *Capparis portoricensis* (L.) Wats. (20)
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 *Aerodictyon salicifolium* (24)

(Sw.) Griseb.

do

1638 *Hymenaea courbarilla* (25)

do

do

1639 Anonaceae? (26)

Margaritaria nobilis in letter May 14, 1932
L. f.

Flowers spotted in bottle.

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

do

Pictetia

1641 *Pectia domingensis* Jacq. (28)

do

do

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

do

do

(Vahl) Eichl.

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

1644 *Tournefortia guianensis* (31)
J. guadalupensis (Duch.) Britton
do
do

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

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

1647 "*Tabebuia*" *heterophylla* (DC.) Britton (34)
Maguay Island
March 31, 1932

1648 *Plumiera alba* L. (35)
do
do

1649 *Suriana maritima* L. (36)
do
do

1650 *Muzopora mangla* J. (37)
Maquey Island
March 31, 1932

1651 *Jurkinsonia aculeata* L. (38)
do

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

do

do

1653 *Eyostima caribbeum* (Jacq.) R+S (40)

(Identification by Dr. Britton) do

do

1654 *Eugenia* sp. (41)

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

1655 *Canelia 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 *Ficus laevigata* Vahl. (45)

do

do

1659 *Ficus stuebelii*? (46)

9 authentication will be do

given to Britton

~~*F. laevigata*~~ in letter of do

Vahl. May 16, 1932

1660 *Andira inermis* HBK. (47)

do

B

do

1661 *Vixa orellana* L. (48)

do

do

1662 *Casuaria sylvestris* Sw. (49)

do

do

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

do

do

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

April 1, 1932

1665 *Hemelia patens* Jacq. (52)
= *H. erecta* Jacq. do

do

1666 *Anacardium occidentale* L. (53)

do

do

1667 *Capparis flexuosa* L.

Guamisa Lake

April 1, 1932

1668 Vine

Tournefortia microphylla Bert. do

do

1669 *Phlebotaenia coullii* Britton

Southwest of Guamisa 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 Guavira Bay & Sabana

April 4, 1872

1672 *Colubrina ferruginosa* Brongn.

do

1673 *Psidium auxplexicaule* Pers.

do

1674 *Jatropha hernandifolia* Vent.

do

1675 *Helicteres jamaicensis* Jacq.

do

1676 *Samyda doceandra* Jacq.

do

1677

1678-1680 blank

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

1681. *Gymnanthes 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,

Big Pine Key

12/6/34

2/20/35

2/22

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

1703. *Pseudoplicaria*

1704. *Asclepiodora viridis*

1705. *Brysonima lucida*
(Mill.) Rich

1706. *Ruppia maritima* L.

1707. *Agalinia fasciculata*
(Ehrh.) Raf.

1708. *Opuntia beyersii* Britton

Big Pine Key

2/22/54

~~1708~~

1709. *Acaanthocereus floridanus*
Small

1710. *Opuntia adjecta* Suss.
(type loc.)

1711. = 1709.

1712. *Harrisia simpsonii* Suss.

1713. " "
(photo by Swaine)

1714. *Cephalocereus beyersii*
DOR.

1715. *Acanthocereus floridanus*
Swasee

Coconut Grove, Fla 2/26/35

1716. *Sesuvia*

1717. *Coccoloba*
1 of garden

see next
page

Near Rio Mucio

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 ? (fern)

From top of 1721

1723 Fern (slender, entire)

From top of 1721

1724 Fern

From top of 1721

Near Rio Medio

1725 Fern (dactyle)
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} 3 ft.)
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 Mesio - Feb. 3, 37

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

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

1734 Orchid (7 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 (tender fruit)
Same tree as 1736

1738 Fern
Same tree as 1736

Nos. 1736-1738 Taken from
limb cut off by soldier who
climbed with iron -

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

1739 *Terna* (same as 1725?)
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 east to first
branches)

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

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

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

San José, Costa Rica, Feb. 11, 1937.

1746 Orchid (fruit)
Branchlet of 1742

1747 Orchid (flower 6 mm, in some
leaves)
Branchlet of 1742

1748 Orchid (flower 2 mm)
Branchlet of 1742

1749 Orchid (fruit 6 mm)
Branchlet of 1742

1750 Orchid (Heliconia-like inflorescence)
Branchlet of 1742

1751 Orchid (very small but
apparently different
from 1748)
Branchlet of 1742

1752 Orchid (flower 12 mm, fruit 20 mm)
Branchlet of 1742
= Mastivallia?

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

1753 *Aspid. luciflora* (fruit)
Branches
of 1742.



1754 Bromeliad (Leaves 150 mm ±
Stalk 200 mm ±
90 mm fruit)
Branches of 1742

1755 Bromeliad (small - no fruit)
(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 *Lactuca* (no per. or put.)
Branches of 1755

1761 Fern? (not fruiting)
Branches of 1755

1762 Fern (frond 350mm)
Branches of 1755

1763 *Aspid.* (leaves ^{10-24?} same as)
Branches of 1755

1764 *Aspid.* (leaf blades 190x55)
Branches of 1755

1765 *Aspid.* (leaf blades 190x12)
Branches of 1755

1766 *Piper*
Edge of newly cut road
in heavy forest.

Near Rio Hondo, E. Z.
February 11, 1937.

Edge of mountain - in heavy forest -

1767 Shrub (fruit)
Edge of mountain - in heavy forest -

1768 Piper
Battery 46 Hill - February 14, 1937

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

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

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

1772 Piper (leaves 60 x 150 mm)
Battery 46 Hill
February 14, 1937

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

Second growth near Macra River
February 17, 1937.

1774 Peperomia sp.

along the Hill

February 14, 1937.

1775 Peperomia (small & delicate,
9 mm - found mat on trunk of tree
(tree) - many specimens - thin etc.)

1776 Peperomia (long spikes -
up to 2.10 mm)

1777 Peperomia sp.

fruit

1778 Peperomia - looks same as
#1775, but leaves seem to be
more fleshy, and leaves pointed

1779 Shrub - red fruit

1780 Shrub - red flowers

Second growth near Brown Point
February 9, 1937.

1781 Shrub - twisted fruit.

1782 Shrub - very dark, salmon
like flowers.

1783 Shrub - small flowers in
dense bunches.

1784 Small tree - waxy leaves.

1785 Small tree - large, shiny
leaves.

1786 Trailing vine.

1787 Verbena?

1788 Piper

Foot of Corozal Hill (southern side)

February 18, 1937

1789 Piper

Barro 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, Myrsine?

Near Bejuco, 10 miles SW of G. Z.

February 21, 1937

1793 Vine - large flowers

Near Bejuco

February 21, 1937

1794 Hippomane

Fruit: Gorgona Beach (Isla Gorgona)

also in 50 miles SW of G. Z.

February 21, 1937

Lower than smaller than in G. Z.

1795 Small Tree (Twisted pods)
Gorgona Beach (near Gorgona)
50 miles S.W. of G.
February 21, 1937

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

1797 Small tree - small, fragrant
Gorgona Beach
February 21, 1937

1798 Small tree (twisted pods)
Gorgona Beach

1799 Vine (Mikania-like leaves)
Gorgona Beach Feb. 21, 1937

1800 Piper (small tree, ²⁴⁸²⁰⁰)
(shrub-like) fruit, reddish
Hadden Dam Rd. S. of G. Feb. 22, 1937

1801 Piper (erect spike, velvety green
leaf, shrub 15 ft.)
Same loc & date as 1800

1802 Viper (bush-like)
Same loc & date as 1700.

1803 Viper (bush-like; grows
taller than the others - up to 30 ft ±
Same loc & date as 1700.

1804 Tree (more flowers in spikes)
Sajales 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, 1933

(Always in pairs, and some

slightly more numerous)

1809 *Piper* (narrow leaf, hairless)

El Valle - Feb. 23, 1933

1810

Piper (narrow leaf, hairless)
El Valle - February 23, 1933

1811 *Piper* (narrow leaf)

1812 *Piper* sanjoseanense?

(See No 1848)

1813 *Piper* (narrow leaf, hairless,
tendency to grow in pairs)

1814 *Piper* (narrow leaf, not hairless,
very glossy, not tending to
grow in pairs)

1815 *Piper* (leaves rather narrow,
larger than 1814 - up to 183 x 55 mm)

El Valle, February 23, 1937

1816 Piper (Leaves large and
narrow, thin in 15' - up to 220x80)

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

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

1819 Piper (Be like 1818 -
same 1818)

1820 Piper (Near 1818 + 1819 - The
two appear to be different
from each other when growing)

1821 Utricularia ? (Flowers yellow)
In wet sand

1822 ?
With 1821 - flowers pink

Et note, February 23, 1823

1823

7
with ...

1824

... (...)

1825

Tree ...

1826

...

1827

Composite

1828

Composite No 2

1829

Composite No 3

El Estero, February 23, 1937

1830 *Quercus agrifolia* (No. 3)

1831 *Quercus agrifolia* - in acorn

1832 *Quercus agrifolia*

1833 *Quercus agrifolia* (No. 1)

1834 *Quercus agrifolia*

1835 *Quercus agrifolia* (small fruit)

1836 Tree (small fruit, close set along branches)

Tahiti, Nov. 27, 1837.

1837 Shrub - (Fruit terminal,
few).

1838 Shrub - (Fruit terminal,
many)

1839 Shrub - (Long flowers)

1840 Shrub (White flowers)

1841 Small Tree (Willow-like
leaves)

1842 Tree ^{or woody vine,} (Poison-nunach-like
leaves)

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

Taboga Island, February 1911

Trailside

1844 Shrub (Hairy leaves)

1845 Piper (Mexican sized leaf, minutely rough)

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

1847 Piper (Leaves like 1846 but dull green)

1848 Piper sanjoseanum? (like 1842 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)

Faboua Island, February 27, 1937.

1851 Melicope

1852 ? 3 ft high - fl. pink.

1853 ? Gentian-like

1854 No grass - daisy-like flowers
- all yellow - damp ground.

1855 Melicope - flowers yellow,
inflorescence small.

1856 ? (Daisy-like)

1857 Purple flowers - damp ground

1853 Composite No 7.

Tahiti Island, Feb. 27, 1937.

1854 Composite No 8.

Tahiti Island, Feb. 27, 1937.

1855 Composite No 3.

Tahiti Island, Feb. 27, 1937.

1861 Viper sanjoseanum?

Empire, C.Z., March 5, 1937

(Lies on spring)

1862 Viper sanjoseanum?

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

(In very shallow)

1863 Viper (leaves most shiny green ^{leaves}
stem fibrous, not leafy, branching
habit unusually tree like, up to 3m)

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

1864 Viper (shiny leaf)

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

is interesting, unusually soft
habitually different from all other species
I've seen.

1855 Piper (Smooth leaf, all green)
Empire, C.Z. (In ruins of hospital)
March 5, 1937.

1856 Piper (Hairy twigs)

March 7, 1937.

1857 Piper melacifolium?

March 7, 1937.

1858 Piper (Nearly smooth twigs)

March 7, 1937.

1859 Piper (Slender velvety leaf)

March 7, 1937.

1870 Piper

Trafalgar?, Pearl Is.

March 15, 1937

1871 Shrub

Trafalgar?, Pearl Is.

(Conspicuous fruit)

Trapezoid 2 off Pedro Gonzalez 2, Pearl Island, Panama, March 14-15, 1937.

1872 Pointed heads

1873 *Parasitica*

1874 "umbrella"

Wood sample 1

1875 "Mamajita"

" " 2

1876 "Higueron"

" " 3

1877 "joto"

" " 4

1878 "Cerezo"

" " 5

Pearl Islands

Tranche 7. March 14-15, 1927

1879 "Horanijito"

Wood sample 6

1880 "conejo"

" " 7

1881 "Hombre Grande"

" " 8

1882 No exact name

" " 9

1883 Smilax

1884 Vine (samburite)

1885 - ?

Islet (Island)

Tropic 1, 14-15, 1937

1886 Tree

1887 ^{tree} in (dry to ^{rocks})

1888 ^{tree} (small tree)

1889 Tree

1890 ^{tree} (Hollow stem ^{of ants})

1891 Tree

1892 Small plant on rocks
(dry)

Round Island

Geophila 2, March 14-15, 1937

1893 *Geophila* small yellowish

1894 *Geophila* flat feet

1895 ?

1896 *Geophila*

1897 *Geophila*

1898 *Geophila*

1899 *Geophila* (large, brown) *Geophila*

Sand Islands

Tropics 2, March 14-15, 1937

1900 Tree (Fruit white etc.)

1901 Tree (short thick fruit)

1902 Tree (fruit terminal)

1903 Tree (Panicum-like inflorescence)

1904 Tree (same as 1891?)

1905 Tree (Fruit)

1906 Epiphyte (on trees near
salt water)

Peart Islands.

Trafalgar I., March 14-15, 1937

20

San José I. March 16, 1937

1907

1908

1909

1910 Tree (oil)

1911 ?

1912

1913 Shrub - slender leaves

Pearl Islands

San Jose I., March 16, 1937

1914 Shrub

1915 Tree

1916 Shrub

1917 Shrub - common on
west side of beach.

1918 Shrub

1919 Tree

1920 Tree large variegated
leaves

Seal Islands

San Jose I., March 16, 1937

1921 Shrub 1/2 m tall
40' - 50' tall tree

1922 —

1923 Tree

1924 Tree (upholsterer-like fruit)

1925 Shrub or small tree

1926 Tree

1927 Vine

Pearl Harbor

San Jose Is. March 16, 1927

1928 Fern

1929 Fern - low rocks at edge of lagoon

1930 ? - low rocks - with (1927)

1931 Fern - in camp woods

1932 Shrub (fruit ?)

1933 Large vine - fruit in air

1934 Fern - from up to 15 ft

5m 30s to 10 11 12 13 14

3: 4-10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1935 (Tree fern)

1936 Climbing fern

1937 Vine (Node 140 x 24 mm)

1938 "

1939 " (Winged seeds)

1940 " (Erectly prostrate)

1941 " (Woody tendrils)

Saboga 2, Hancock Islands
March 17, 1937

1942 Pine (Stem - like pods
270 mm)

1943 " (Stem with flowers)

1944 " (Side of under side of leaf)

1945 " (Stem " ")

1946 " (Stem " ")

1947 " (Yellow flowers)

1948 "

1949 " (Sea pods - 65 mm)

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

1950 Piper Trees & shrubs
(Leaves dull green,
not shiny)

1951 Piper (rather small leaf,
spiky margins)

1952 Piper (rather narrow leaf,
long tip)

1953 Piper nanjocanum
(leaf very broad)

1954 Tree (white flowers)

1955 " (small flowers)

1956 "

Silaga 2, Paul 74, Panam
March 17, 1937

Herbaceous

Trees & shrubs

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

(one)

(small?)

Calycophyllum ? (one) ^{white calyx tube}

Arceuthobium ?
leaves seen both sides

? (leaves only?)

(1)

(2)

Salween 7, Khamti, Burma
March 17, 1937

Herbarium

1967 (3)

1968 (4)

1969 (1)

1970 (6)

1971 (7)

1972 (5)

1973 (9)

1974 (10)

1975 (11)

1976 Composite (large heads
yellow flowers)

Salsaca I., P. (Isla) Panama
March 17, 1937

Taboquilla Island, March 30, 1937

1977 composite (small white
leaves)

1978 " (smaller white
leaves)

1979 Sedge

1980 Grass

1981 "

1982 "

1983 Tree, edge of bush

1984 Shrub " " "

1985 - Vine " " "

1986 Shrub " " "

Taboguilla Island, March 30, 1939.

1987 Low bush

1988 (Mossy forest fruit)

1989 Vine (Mossy forest fruit)

1990 Vine (Fern)

1991 (Mossy forest)

1992 Small tree

1993 Shrub (leaves in pairs, very common - not in mossy forest)

1994 Vine (leaves in pairs, 2-lobed, very common)

1995 Vine (Bribery - small flowers)

1996 Vine (Atelepias?)

Taboguilla Island, Mexico 30.11.1997

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

Shrub - ...

Tree - low bush - large
fruit ...

Tree - ... (rub.)

Tree ... (fruit)

Tree ...

Tree (long stem & small fl.)

Pilar

Peperomia ...
in alc.

Shrub (White fl.)

Ward - At edge of clearing

Tahiti Island, Feb 30, 1937

Feb 6, 1937

2007 Fern - Stage of flowering

2008 Composite - Large with yellow
flowers - trailing in this bed.

2009 " - Very small specimen

2010 " - small specimen (small specimen)

2011 Passiflora ⁱⁿ (fruit)

2012 Small specimen

2013 Shrub

2014 Shrub

2015 Shrub

2016 Shrub

Taboguilla Island April 1, 1937.

do

Taboga Island, April 4, 1937.

217 *do* (same as 216)

218 *do*

2019 *do* ? same tree line

2020 *do* ?

2021 *do* ?

2022 *do* (same)

2023 *do* (same)

2024 ?

2025 Same as 2024 ?

2026 *do* (same as 2024)

Taloga Island Nihoa
 Hilo (4.1937)

2022 Shrub (Panicum-like) do

2027 do

2029 do

2030 do

2031 ? do

2032 ? do

near top of Kanu at base of small
 wooded ravine that runs up from
 Pacific side

2033 Tree (yellowish var.) do

2034 Shrub (white fl.) do

2035 Shrub do

2036 Tree (white fl.) do

Tahara, Kama, April 4, 1937 -
Peak of mountain

On Tachibana summit -

Thicket near lake -
April 5, 1937

" "
"
"

Tadico, Morden Lake Apr, 13-15-

2037 Fern (similar to 2036)

2038 do (similar to 2037)

2039 Sedge

2040 Fern

2041 Pifer Shiny green leaves
Upright habit

2042 Fern Leaves like ferns in Japan
Habit like ferns in Japan

2043 Smilax

2044 Moss On rock in
shaded place

2045 Grass

2046 Tree

Quindío, Medellín, Llanos, Aug 13-15, 1923

2047 Tree (small fruit)

2048 Tree

2049 Tree (low fruiting, yellow)

2050 Tree (yellow leaves)
= ²⁰⁴⁵ Pithecellobium ^{fruit} injured?

2051 Tree (small flowers)

2052 Shrub

2053 Shrub

2054 Shrub

2055 Shrub (on lime rocks)

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

Dubin, Mad. Lake, Apr 15-17, 27

2057 Shrub

2058 Shrub

2059 Tree

2060 *Piper* ^{thin} Narrow leaf, hanging fruit

2061 "

2062 "

2063 " ^{subcordate} Notched leaf

2064 " ^{wide} Tongue leaf

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

2066 *Notan* large leaf, long point

Zudco, Madden Lake, Apr 13-15

2007 Vine

2008

(yellow flowers)

2009 Fern

2020 "

2021 "

Narrow Escarpment, April 17, 1937

2022 Piper?

(leaves in fruit)

2023 Piper

long narrow leaves

2024

" (leaves in fruit)

2025

" *amilacifolium*

Madden Lake, March 24, 1937

2026

Madden Lake March 24, 1933;

Ensis

2077 *Piper sarmentosum* ?

2078 " (leathery leaf)

2079 " (small, long, thin spikes)

2080

