



Hunt Institute for Botanical Documentation  
5th Floor, Hunt Library  
Carnegie Mellon University  
4909 Frew Street  
Pittsburgh, PA 15213-3890  
Telephone: 412-268-2434  
Email: [huntinst@andrew.cmu.edu](mailto:huntinst@andrew.cmu.edu)  
Web site: [www.huntbotanical.org](http://www.huntbotanical.org)

The Hunt Institute is committed to making its collections accessible for research. We are pleased to offer this digitized item.

#### *Usage guidelines*

We have provided this low-resolution, digitized version for research purposes. To inquire about publishing any images from this item, please contact the Institute.

#### *Statement on harmful and offensive content*

The Hunt Institute Archives contains hundreds of thousands of pages of historical content, writing and images, created by thousands of individuals connected to the botanical sciences. Due to the wide range of time and social context in which these materials were created, some of the collections contain material that reflect outdated, biased, offensive and possibly violent views, opinions and actions. The Hunt Institute for Botanical Documentation does not endorse the views expressed in these materials, which are inconsistent with our dedication to creating an inclusive, accessible and anti-discriminatory research environment. Archival records are historical documents, and the Hunt Institute keeps such records unaltered to maintain their integrity and to foster accountability for the actions and views of the collections' creators.

Many of the historical collections in the Hunt Institute Archives contain personal correspondence, notes, recollections and opinions, which may contain language, ideas or stereotypes that are offensive or harmful to others. These collections are maintained as records of the individuals involved and do not reflect the views or values of the Hunt Institute for Botanical Documentation or those of Carnegie Mellon University.

#### *About the Institute*

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Otto, thanks for keeping me up-to-date  
on your publications.  
Enclosed is a short item I thought you  
might find of interest.

Also, as of sometime this fall, I will  
be transferring to the U. of Washington for  
a new assignment - copy of news release  
enclosed.

aloha, ~~Don~~ [Matthews]



Marien-Apothek  
AUGSBURG-OFENBACH-NEUDENFELD  
MITTLERE MAXIMILIANSTRASSE  
CEGR. 1846

To O. Degener

POSTSHECKKONTO MÜNCHEN 33205  
BANKKONTO STADTSPARKASSE 7447  
BAYER. VEREINSBANK 17311

Blatt 2

AUGSBURG, den

nichts ein, machen im Gegenteil Unkosten. Aber man be-  
hält doch mit der Universität Kontakt. Es sind in München  
grosse Verschiebungen im Lehrkörper. Der Ordinarius  
Renner geht in Pension, der Ordinarius für Forstbotanik  
Huber geht nach Würzburg. Die neuen Herren sind noch  
nicht ausgemacht. Da ist es immer ganz gut, sich durch  
einen guten Vortrag einen Namen zu machen, um die Bibli-  
othek etc. benutzen zu können.

Die neuen fluoreszenzmikroskopischen (fluoroskopi-  
schen) Versuche bringen eine Umwälzung in unseren An-  
sichten von der Wasserleitung der Pflanzen. Davon werden  
auch die Halophyten betroffen. Es gibt bekanntlich  
zweierlei davon a) Xerophyten b) Meso-Hygrophyten. Doch  
davon ein ander Mal. Bei uns hat man nur die letzteren.

Ich will versuchen in Borkum mit dem Auflichtmikroskop  
nach Salzkrusten zu suchen. Diese werden vielleicht bei  
Flut (salicornia) oder Regen abgewaschen. Andere Gewächse  
beseitigen das Excretsalz durch Drüsen (Amaria, Statice  
Samolus Glaux) oder, was selten ist, durch Auswaschen  
durch stomatare Hydathoden. Die Excretion der Salze soll  
auch durch Titration bestimmt werden. In acht Tagen  
muss sich die Richtigkeit meiner Hypothese bei Salicor-  
nia entscheiden. Dadurch komme ich der Lösung des Halophy-  
tenproblems einen Schritt näher.

Ich muss alles selber von meinem Einkommen zahlen;  
denn die reine Wissenschaft hat noch nie etwas einge-

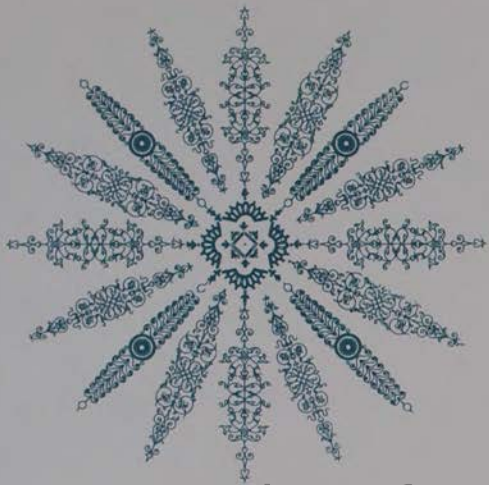
tragen!

Doch nun muss ich meinen während der Nachtdienst-  
arbeit geschriebenen Brief schliessen und Rechnungen  
zahlen und Buchabschluss machen, wie sich das für einen  
anständigen Apotheker gehört.

Mit den besten Grüßen auch von Dr. Buchegger

Ihr ergebener

Hiezenzger



Hunt Institute for Botanical Documentation

we are  
delighted to have  
your note of last  
fall and the  
flurry of correspondence  
on the article this  
fall. We could  
you know, get  
together again some  
of these days -  
it would be a

Design by Kenneth Kingrey for The Victorian Visitors  
published by the University of Hawaii Press

→ Happier New Year  
CH

SEASON'S GREETINGS

Mary & M. Long  
D. Long

[Faint signature]

Hunt Institute for Botanical Documentation

With the season's greetings

*E. J. W. W. W.*  
*Colum*

*N. S. C.*

Pores of *Daedaleopsis confragosa*  
(Bolt. ex Fr.) Schroet.







*Best Wishes  
for  
A Merry Christmas  
and  
A Happy New Year*

*Noriwo Takaki*

Victoria University College  
P.O. Box 196  
Wellington

Dear D<sup>rs</sup> Otto & Isa Degener,

Your beautiful  
Book 5 of The Hawaiian Flora  
arrived today and I hasten  
to Thank you very much  
indeed for your generosity in  
giving it to me. I am  
most grateful. I think both  
text, illustrations and production  
are models and I congratulate  
you.

I have moved here from  
The Cawthron Institute to be  
nearer to The Dominion Physical  
Laboratory which has been  
assisting me with my work  
on nitrogen fixation.

With very kind regards  
Greta Stevenson Cone



恭 SEASON'S GREETINGS  
賀 MEILLEURS VOEUX  
新 FELICES FIESTAS  
禧 С НОВЫМ ГОДОМ

*Rudolf & Olga Schuster*

*[Botanist]*

Designed by Anthony Payne e Gordon Fraser, Bedford  
PRINTED IN ENGLAND  
10 GF 7220  
R3



*Merry Christmas  
and  
Happy New Year*

*from  
Jim Scaaman*

*[New Guinea  
botanist]*





Frohe Weihnachten  
und ein gutes neues Jahr  
entbieten  
Wanda v. Jacow *W. Jacow*

[Klement Lichen  
specialist who  
published with Spegazzini  
& others]



Dr. & Mrs. Otto Sequev.

Here's hoping  
you have  
a very  
Merry  
Christmas  
and New Year.

From: Dewan & Mrs. Molindar Nath,  
Head of Botany Department,  
The University of Zambia,  
P.O. Box 2379, Lusaka,  
ZAMBIA



Purple Emperor and White Admiral Butterflies  
by Denys Ovenden

Two of our most striking butterflies, the purple emperor and white admiral, inhabit the oak and beechwoods of the southern counties. The purple emperor, shown on its food plant the willow, flies typically among the tree tops although it may sometimes be seen on sap from tree wounds or on carrion. The white admiral is easier to observe on honeysuckle and other flowers of the woodland ride. Both species are declining with the loss of suitable habitat but are still to be found in several County Trusts' reserves which are managed to retain suitable conditions for them.

Sold for the benefit of the  
Surrey Naturalists' Trust

The Trust protects the wild-life of the County, maintains nature reserves, arranges nature trails and meetings and advises local authorities and others on the management of open spaces. Membership details are available from the Surrey Naturalists' Trust, Juniper Hall Field Centre, Dorking.

Published by  
The Society for the Promotion of Nature Reserves  
the Association of Nature Conservation Trusts,  
The Manor House, Aford, Lincolnshire

With  
Christmas Greetings  
and all good Wishes  
for the New Year  
from

Oliver + Edgar  
Finch-Pendleton

Parkers, 43 Bear St., Mayland,  
Essex.





To,

Dr. and Mrs. Degner.

Here's hoping that this Christmas brings  
Each thing you're hoping for  
So that you'll feel so happy  
You just couldn't wish for more!

From: Professor and Mrs. D.M. Nath Nani,  
Professor and Head of Botany,  
The University of Zambia,  
P.O. Box 2379, Lusaka, Zambia.

The Mackinac Bridge — "The Mighty Mac" —, a modern engineering feat, has been called the 8th wonder of the world. This beautiful bridge, which links the two Michigan peninsulas, offers a breathtaking panorama of land, sky and water throughout its 5 mile length. This view of the magnificent bridge, taken at dusk, provides graphic evidence of the beauty of Michigan, of which her people are so enthusiastically proud.



THE MACKINAC BRIDGE  
MICHIGAN

Xmas Greetings  
to our excellent friends  
the Degeners.  
from Earl & Fern  
Sheriff



M. Kawanishi del.

1) エチゴキジムシロ *Potentilla fragarioides* LINN. var. *togashii* (OHWI) OHWI et SATOMI stat. nov. — *P. togashii* OHWI in Bull. Nat. Sci. Mus. 4: 401. (1959)

エチゴキジムシロ (A) に当る、北陸産の多くの標本を検討してみると、キジムシロ (B) との中間的なものがあり、その両者は全くつながる。

When many specimens of *Potentilla togashii* OHWI from Hokuriku district were examined, the author recognized a successive series of intermediate forms. ((*P. togashii* (A) and *P. fragarioides* var. *major* (B))



PEACOCK BRAND  
MADE IN JAPAN  
H 若 6-10



*Best Wishes  
for  
A Merry Christmas  
and  
A Happy New Year*

*Nobuo Satomi*  
星見徳生





Christmas greetings and best wishes  
for a Happy New Year.

Betty, Bob, Steve & Laura Gunn

[Published our drift seeds etc.]



Liebe Legeners!

Alle guten Wünsche

für schöne Weihnachtstage und ein glückliches gesundes neues Jahr,

Verleihen den mit beglückten Früchten  
sendet Ihnen

Herzliche Grüße  
H. A. Pottal.

[Bücher - Zahlen - apostroph etc.]

Dear Otto and Ira: - I have been much involved with company from Ill. & another upset stomach since they left and it seems my time is taken up with a large lawn to manage weeds, to pull out of my rose area which is beautiful just now. <sup>I have a little regarding the</sup> I have had 3 trees taken down much to my sorrow. One an English Hawthorn which has been perfectly beautiful in shape & the blossoms were just beautiful but it had 2 diseases one in the bark & one on the outside. Branches started to look like skeletons. No treatments could have cured it. I know Earl would have said "I couldn't have taken a thousand dollars for that tree". I enjoyed it so much out of <sup>one of</sup> my kitchen windows. Well I have been looking for pictures of Earl. - We never had our pictures taken together aside from a snap taken in Alpina after being at Douglas Lake where Earl was chairman of the Botanical group. We had several pictures taken with others. Douglas Lake has a Summer Session there for students which is owned by the University of <sup>Michigan</sup> ~~Michigan~~ <sup>at</sup> ~~Ann Arbor~~ <sup>Ann Arbor</sup>. We had a wonderful time there. We have turtles here some grow quite large & I read of a family who make a business of getting them & love to eat them. The camp ground at Gun Lake is large & I heard that about the large number there during the holidays over the radio. It is beautiful Lake & many people have beautiful summer homes there. I had dinner with my company at Gull Harbor Inn near Kalamazoo. It is a



rich man's land & a gorgeous lake. I know  
 it would be interesting to live with a fami-  
 ly of Fijians, but would it be sanitary?  
 We have a picture of that last who helped you.  
 We have a lot of perennial pees in blossom now.  
 white, pink & orchid colors. Had friends go on  
 the Matson Line to Australia, New Zealand,  
 & the South, Fiji included also Hawaii. They  
 flew back from Hawaii because they wished  
 to stay longer there. Well I'll write more later  
 going to Dr. Rapido tomorrow. They will be here  
 at 9:30 A.M. for me. I know people who  
 have had interesting flue here this summer.  
 I had 13 the design on this card was drawn by Ann Adams I gave  
 5 to Mary, a polio patient, who prior to her illness, was an  
 with us for a long time. She has been  
 The hospital here is a beautiful building. I hope the  
 risk I didn't wish to eat more as my stomach  
 was sick. They were delicious & so fresh. They  
 just likes to catch them but doesn't care to  
 eat them. They were still alive in water but time  
 I got ready to clean them they were dead. Of  
 course I don't like to clean them, but I  
 like to eat them. They were very fresh. I  
 have had some blue gills given me several  
 times. They are delicious & no one is allowed to  
 sell them. I have the photo of this print of Carl  
 & if this is unsatisfactory I can send you the  
 picture itself. Friends took me to go to the  
 Co. day Aug. 13th. They said it was my day  
 & wouldn't allow me to pay for the dinner  
 or anything. Bought a hat & a few things  
 I need. I'll have to go to the bank at 2:30  
 I'm for a birthday letter. I should send for the  
 letter. Thank you for the money.

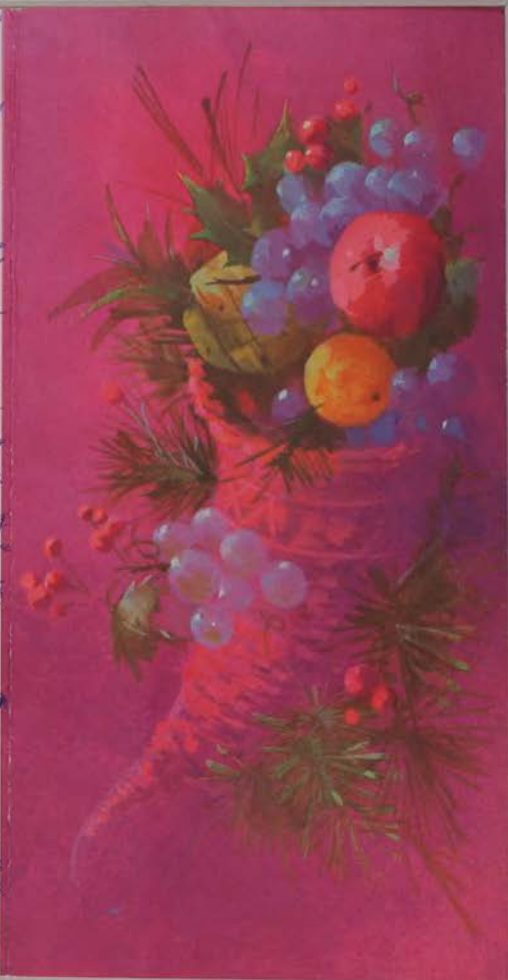


Ann





Dear Friends: I haven't heard from you  
 some time & I sincerely hope you are  
 both in good health. I'm just 20, 80.  
 Dr. Fuller in Gr. Rapids found I had  
 water on my lungs and took, which  
 gave me a severe attack & I haven't  
 feeling a bit well. He gave me a  
 med. to help counteract the malady.  
 It is strong & makes me feel very  
 badly back to day I have felt bet-  
 ter. I had a nice trip in my car  
 in Oct. up to the Northland. Floor  
 to go up there. Went as far as Noun-  
 lona in a great fishing & fishing country.  
 Was there with friends to dinner & out-  
 1894. The trip to the Sacilee Santa  
 Prairie & Marquette was interesting  
 as always. We went to see the beds  
 of coloring up there. The coloring  
 among the green pines was just opposite.  
 The woods are so dense & of course  
 Lake Superior & Lake Mich. & the small  
 streams were lovely. Don't get the travel  
 much since my dear Carl is no more.  
 I'm getting too old along I will be 54 the  
 27th of Jan. The early part I had lots of  
 company and after I got back from  
 the N. I was tired much of my time to  
 play my piano but in my home.  
 I'm not regimented as I usually was  
 at home or in the city. Have comfort here  
 300 - Going to Centerville 60 miles from here  
 to a beautiful old home for the first time  
 9 to a home near Gr. Rapids for 10 days  
 for a man who is fine to attend to the plants  
 & lawn. My very best wishes,  
 A woman helps at times. Fred,



*Dear Friends:-*

Merry Christmas to you  
and a Happy New Year

*from*  
*Fern T. Sherff-*

Dear Dr. Eichler:

We have your May 23 letter. We realize it is difficult to keep up with correspondence. I guess the best method is to answer a letter, even if not completely, when it arrives and so I am doing just that now.

It is wonderful that You and Mrs. Eichler will be at beautiful Kew. You should find duplicates of many of my Hawaiian plants there, and a few at the British Museum, Cromwell Road, London. Perhaps you will find my naturalized "*R. repens*". If you do, please rush me your expert identification. You may also see the *R. muricatus* that I collected locally many years ago. You should have good hunting.

It is time-consuming for me to send you Polynesian *R.* references not in your ms., as it would mean assorting them to find out what is & what is not needed. The best thing for me to do is to copy everything *de novo*. I guess you do not need it right away.

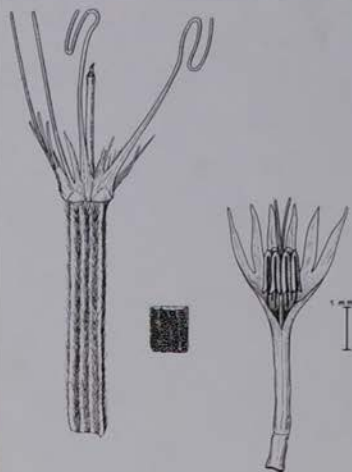
Now that Mrs. Degener & I have printed *R. hawaiiensis* A.Gray in our *Flora Hawaiiensis* April 7, 1960, we no longer need our herbarium specimens of that species. Please keep them a reasonable length of time and then distribute them to leading bot. institutions. Of course, keep a set for yourself.

If you can print any other Haw. species jointly with me and Mrs. Degener as coauthors in our *Flora Hawaiiensis*, we will not need such specimens either and you could then keep them. But if you cannot do so, please return the material by Jan. 1, 1962 so Mrs. Degener and I can go ahead and print alone. I am over 60 years old and can't afford to wait too long in my publishing.

In going through our herbarium cases once again, we find another sheet or two of *R.*, that may interest you. I am mailing it to you with plants for Kew. Please pass the latter on to the proper department for mounting.

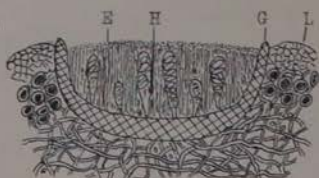
Mrs. Degener & I are disappointed that you are not traveling from Adelaide to Kew via the Hawaiian Islands so that we could do a little botanizing together.

Aloha,



Legenda: Open floret, achene and section of achene showing sessile glands in the grooves between the hairy ridges.



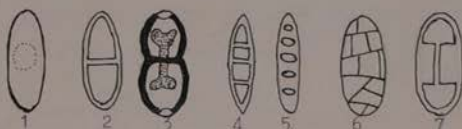


### 1. Perithecium

I Involucrum  
P Mündungspore  
Pe Periphysen  
G Gehäuse(Excipulum)  
H Hymenium m. Schläuchen  
A Algenschicht  
M Markschicht(Medulla)

### 2. Apothecium

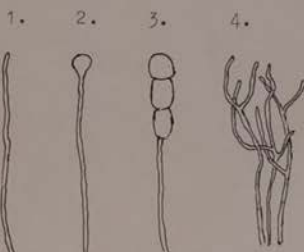
E Epithecium L Lagerrand  
H Hymenium m. Paraphysen und  
Schläuchen  
G Gehäuse m. Lagerrand  
R Rindenschicht  
A Algenschicht  
M Markschicht(Medulla)



### 3. Sporenformen

1. Einzellig  
4. u. 5. Parallel  
mehrzellig

2. u. 3. Zweizellig  
6. Mauerförmig  
7. Polar-Zweizellig

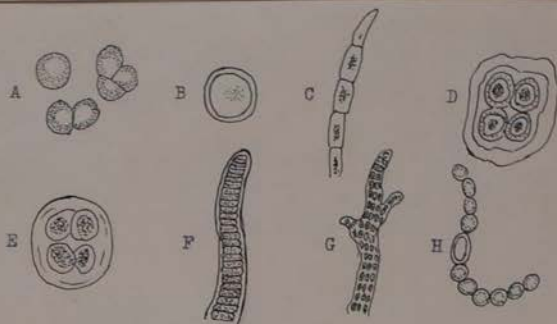


### 4. Paraphysen-Formen(Saftfäden)

1. Einfach  
2. Kopfig

3. Kopfig-Gegliedert  
4. Verzweigt





5. Algen-Typen (Gonidien) - Schematisch.

A Pleurococcus

C Trentepohlia

E Chroococcus

G Stigonema

B Chlorococcus

D Gloeocapsa

F Scytonema

H Nostoc

Family : 344  
Genus : Filago  
Species : Gallica

COMPOSITAE  
COMPOSITE FAMILY

FILAGO L. Sp. Pl. 2:927, 1199. 1753.  
(Including *Evax* Gaertn.)

More or less arachnoid to tomentose small to minute annual or very rarely perennial herbs with non-alate stems. Leaves alternate, entire. Heads discoid, small, mostly sessile, numerous and crowded or very seldom single, with many florets, white or nearly so, usually of three series of florets: outer florets pistillate, fertile, filiform-tubular, in several series of which peripheral ones lack pappus but are partly to almost completely enclosed by concave to boat-shaped bracts; while the inner usually perfect florets lack bracts but are furnished usually with capillary pappus bristles; the mostly 2-5 innermost florets are perfect or pistillate or sterile, are bractless, bear capillary pappus bristles or are rarely wanting. The European *F. minima* (Sm.) Pers., is noteworthy for smallness and bearing heads with but 2-3 florets. Receptacle flat to obconic or cylindric, chaffy. Involucre small, of 15-25 imbricate caudate to acuminate or rarely rounded scarious bracts, in fruit appressed to loosely spreading. Anthers sagittate, at base shortly caudate. Style branches without terminal appendages. Achenes small, more or less terete to obovoid, not ribbed, with often longitudinally flattened sides and sometimes papillose, usually with pappus bristles or in some heads some achenes with and some without bristles or very rarely all achenes without bristles, all similar or of somewhat different shapes.

Name, derived from the Latin *filum*, or "thread," was taken over by Linnaeus from Tournefort (1656-1708), who either referred to the hairiness of the plant or to the slenderness of its corollas.

Type Species: *Filago pyramidalis* L.

A member of the Tribe *Inulaeae*, this genus comprises perhaps 50 species scattered in dry, temperate to hot regions of Eurasia, North Africa and America. Plants sometimes are confused with a *Gnaphalium*. The former, however, bears a chaffy receptacle; the latter, never. Thus far only the following naturalized weed occurs in our archipelago:

FILAGO GALLICA L.  
FRENCH FLUFFWEED

*Filago gallicum* [sic] L. Sp. Pl. 2: Addenda after Index. 1753. (We consider Linnaeus' spelling an oversight for *gallica*. He likewise misspelled "*Gnaphalium galium*" in the Addenda for his "*Gnaphalium gallicum*" on page 857.)  
*Gnaphalium gallicum* Allioni, Fl. Pedem. 1:174. 1785.  
*Loxia gallica* Cosson & Germain in Ann. Sci. Nat. Ser. 2. 20:291. 1843.  
*Oxalis gallica* Chrték & Holub in Frestia 35:10. 1963.  
*Filago gallica* sensu Fosberg in Doty & Muell.-Domb. Atlas Bioc. Stud. Haw. Volc. Nat. Park, Haw. Bot. Sci. Pap. 2:235. 1966.  
*Filago gallica* sensu Wagentz in Willdenowia 5/3:428. 1969.

Strict stiff slender 3-35 cm. tall silvery arachnoid-tomentose annual occasionally branched from base (especially if browsed by livestock) but usually forking in upper third into a few slender sky-reaching branches; diminutive depauperate specimens unbranched. Leaves erect, more or less appressed, linear-subulate, sessile, widest at base, acuminate, with midrib salient beneath, with margin entire and toward top somewhat revolute, central ones commonly 10-20 mm. long and 0.5-1.0 mm. wide, the uppermost far extending beyond heads. Heads sessile, narrow, 3-4 mm. long, 2-3 or rarely up to 6 in loose glomerule. Involucre somewhat 5-angled-pyramidal, with few outer bracts cuneate to very short linear-lanceolate and devoid of florets; about 5 middle bracts each subtending a linear pistillate floret, lanceolate, acuminate but at base gibbous and with age become lutescent to enclose ripened achenes completely or nearly so; innermost bracts linear-lanceolate, slightly curved, 6-8 subtending perfect columnar 4-dentate florets and 2-8 subtending filiform pistillate florets; involucre in age spreading, all its bracts with scarious often purplish-tinted margins and greenish middles which in outer bracts are arachnoid-tomentose. Achenes 0.7-0.9 mm. long, coarsely glandular, tawny-yellow; those enclosed being curved, smooth, devoid of pappus; the remainder being straight, narrower, furnished with single row of white readily deciduous about 2.5 mm. long capillary bristles minutely spreading-hispid toward base and antrosclose so otherwise.

Type Locality: Obviously France.

Local Range: A specimen collected somewhere in Hawaii Volcanoes National Park by Frank Egler is not presently represented in the Park herbarium; this having been decimated by careless loan of specimens. We assume it to be *F. gallica* as this species was common and locally naturalized in shallow, arid pumice, dust and ash between bare pahoehoe masses in May 1966 (Deg. & Deg. 31,907). The plants grow quickly to maturity with the winter rains, die to wither and disappear with the dry summer. The drawing is of a drying plant.

Extra Range: Native to the Mediterranean area, but more widely naturalized, even in Chile and in western North America. We presume the Hawaiian plants came from the sticky achenes on the boots of some visitor who had previously hiked in California. (Degeners & Makinen, July 5, 1971)

(Illustrated on following page)

## "MAMMALS IN HAWAII"

Reviewed by Otto Degener, Naturalist, Hawaii National Park, 1929

Dr. P. Quentin Tomich's "Mammals in Hawaii, a Synopsis and Notational Bibliography," held the reviewer's interest throughout one sitting to the end of its 139 pages of text. The book was printed by the Lancaster Press in Pennsylvania and published in 1969 by the Bernice Pauahi Bishop Museum as the museum's Eightieth Anniversary Achievement. It sells for \$5.00.

Dr. Tomich gives a four-page check list of names of the Class Mammalia, found in and about the Hawaiian Archipelago, down to varietal names. Whales and allies number seventeen, all indigenous to our waters and hence not requiring inclusion in a special Table. This last gives at a glance the distribution on our eight principal islands and on the seventeen smaller ones extending westward toward Japan such established mammals as the wallaby, hoary bat (Lasiurus cinereus semotus), rabbit, roof rat, Norway rat, Polynesian rat, house mouse, Guinea pig, dog, mongoose, cat, monk seal (Monachus schauinslandi), horse, (mule,) donkey, pig, axis deer, mule deer, pronghorn (antelope), water buffalo or carabao, cattle, goat, sheep and mouflon. Of this conglomeration, only the hoary bat, the monk seal and the Polynesian rat are considered endemic. The ancestors of the first obviously flew here from America, those of the second swam here perhaps from the Bahamas when the Isthmus of Darien was below the surface of the ocean, and those of the last probably arrived here as stowaways among coconuts - can't you visualize their beady eyes and twitching whiskers peeping forth - or other baggage transported by the Hawaiian people's Polynesian forebears in their giant canoes from the southsouthwest. Besides introducing the rat to the Hawaiian Islands, the Polynesians brought the dog and the pig.

The forty-five figures in the text are mostly photographs, many excellent and a few perhaps a bit dark, a necessary evil when trying to snap a feral animal that skulks out of sight in preference to saying "cheese" to be photogenic. The book is particularly fascinating to the reviewer as he has observed many of the author's subjects in the field and is enlightened regarding their native home, habits and the conditions and dates of their local introduction.

Regarding the monk seal, a neighbor long resident at Mokuia Beach, Oahu, informed the reviewer a specimen once appeared on the reef fronting his home. Regarding feral donkeys, popularly called "Kona nightingales," herds in the Kau Desert, Island of Hawaii, were said to paw open naturalized watermelons (before the introduced melonfly exterminated them) to gain necessary moisture. Only three such wild donkeys were known to the reviewer in 1969, beautifully sleek specimens with a few prominent zebra-like stripes. As some trigger-happy nitwit might go looking for them, their range shall remain a secret. In Wailau, Molokai, in 1928 such abandoned donkeys with long, curved hooves that had failed to wear down properly in the muck of this rainswept valley, visited the reviewer at his base camp near shore. Dependent on browsing the lush vegetation, they gloried in eating for a change the dry newspapers needed for the pressing of botanical specimens. On Kauai about a hundred years ago, according to a part-Hawaiian assistant, his German immigrant grandfather found it profitable to periodically shoot some of his half-wild cattle, slice through their leathery hides, and let his marketable hogs fatten on the carcasses. In Honolulu, during the '20s and '30s, Chinese would cut the Honolulu residents' unwanted algaroba trees for the wood. This was used to boil the garbage collected from the householders for the piggeries situated in the suburbs. One pig farmer, invited to explain his business to the members of the University of Hawaii's Aggie Club, perhaps to flatter his audience, ~~was~~ related that the very best swill came from the University cafeteria. Regarding the water buffalo, an elderly taro grower up to recently (thanks to a subsidy by a photo concern, it is rumored) plowed his patch with this picturesque beast along the main highway at Waiahole (misspelled "Waihole"), Oahu, to entice tourists to use their cameras. Feral goats often enter lava



tubes on the Island of Hawaii, at times dying there as their skeletons prove; but according to observations by a resident Hawaiian (pers. com., by Mr. Albert Lincoln), they avoid burial caves. On a dry ridge on Kauai the reviewer noted one billy, not cleaning his fur, but apparently drinking his own urine to quench his thirst. Perhaps Dr. Tomich should have devoted a few paragraphs to notorious "Butch," the black bear (see Honolulu Advertiser of Dec. 10, 1957 and Honolulu Star-Bulletin of Feb. 4, 1970), who had escaped from captivity and was maintaining himself, hale and hearty, in the Koolau Mountains.

Under "Some Perspectives in Hawaiian Mammalogy," comprising twenty pages, are miscellaneous topics such as "Hawaiian Names of Mammals," a little about early whaling, rodents, diseases, "Animal Quarantine," ecological conditions on some of the smaller islands, etc.

*peronghorn*  
Regarding Lanai, Dr. Tomich gives wise suggestions concerning the introduced goat, deer, ~~antelope~~ and mouflon. He failed to note an observation made during the reviewer's six months' botanizing there in 1963-64. Hunting encouraged in the lowlands and Kapu, or forbidden, in the remnant, endemic rainforest tends to drive deer and goat for asylum into the forest, thus speeding its destruction by browsing and trampling. This error in game management, however, is today merely of academic interest for Lanai as the native forest since that time has been bulldozed in parallel strips and planted to loblolly pine (Pinus taeda).<sup>m</sup> As the trees increase in width and scatter their poisonous needles, the native flora will quickly succumb.

Being interested in the preservation of the native biota, the reviewer regrets that no mention is made of The Ecologists Union's resolution about two decades ago against the folly of liberating axis deer in the Hawaiian Islands. We in Hawaii, in our know-it-all conceit, pay little heed to the warning.

The reviewer has never before read through a Bibliography, but that in "Mammals in Hawaii," extending from page 140 through page 225, is so replete with interesting summaries that he has enjoyed doing so. One example, for the year 1907, reads as follows: "----- a citizen complained that her pet dog was taken to the pound by the dog warden and killed before the legal time limit had expired, to furnish food for a luau given by one Supervisor Kealoha and others." In fact, a few years ago, a part-Hawaiian protégé of the reviewer visited a retired, well-to-do Polynesian taxi driver on rural Oahu. Wanting a drink of ice water, he opened his host's modern refrigerator and was aghast to find row on row of properly cleaned puppies. Why not? They are appealing as well as tasty animals. Remember, the English to this day butcher their aged, used-up royal coach horses for France's stew meat.

There is one glaring omission to this otherwise excellent book that hurts the reviewer to the quick. An immigrant in 1922 via the SS. Wilhelmina, he considers himself a thoroughly naturalized mammal in the Hawaiian Islands. In fact, he and his ilk have influenced, most banefully, the native and introduced biota of the Islands more than any other species of mammal. Why are not the variously naturalized forms and strains of Homo sapiens L., as thoroughly treated as wallaby, pig or goat; and above all, why is the endemic Hawaiian human being not given a chapter of his own? He is certainly about as distinct from other kinds of man as the Hawaiian rat, Ratus exulans hawaiiensis, is from the common Polynesian rat, R. exulans exulans, to the south and southwest. Both apparently reached the Hawaiian Islands at the same time in the same double canoes. This belief of the distinctiveness of the Hawaiian became a conviction in 1968. That year the reviewer remarked to his wife, on entering a New Zealand airport and observing a Polynesian lady at the Information Desk, that he noticed no difference whatsoever between Maori and Hawaiian. Later, inquiring about conducted tours, he repeated his remark to the lady in question. Laughingly she replied that she was not Maori at all, but had come to New Zealand with her Hawaiian parents as a child! Polynesians have been isolated in the Hawaiian Archipelago evidently a sufficient length of time to have acquired distinctive traits not found in other peoples. The reviewer believes a second edition of Dr. Tomich's "Mammals in Hawaii" must include Homo sapiens forma hawaiiensis Deg., as the fourth endemic mammal.

*Only reading, LeBaron, Heron of Biotrofica, The Discovery, Mrs. Baldwin*

"MAMMALS IN HAWAII"

Reviewed by Otto Degener, Naturalist, Hawaii National Park, 1929

Dr. P. Quentin Tomich's "Mammals in Hawaii, a Synopsis and Notational Bibliography," held the reviewer's interest throughout one sitting to the end of its 139 pages of text. The book was printed by the Lancaster Press in Pennsylvania and published in 1969 by the Bernice Pauahi Bishop Museum as the museum's Eightieth Anniversary Achievement. It sells for \$5.00.

Dr. Tomich gives a four-page check list of names of the Class Mammalia, found in and about the Hawaiian Archipelago, down to varietal names. Whales and allies number seventeen, all indigenous to our waters and hence not requiring inclusion in a special Table. This last gives at a glance the distribution on our eight principal islands and on the seventeen smaller ones extending westward toward Japan such established mammals as the wallaby, hoary bat (Lasiurus cinereus semotus), rabbit, roof rat, Norway rat, Polynesian rat, house mouse, Guinea pig, dog, mongoose, cat, monk seal (Monachus schauinslandi), horse, (mule), donkey, pig, axis deer, mule deer, pronghorn (antelope), water buffalo or carabalo, cattle, goat, sheep and mouflon. Of this conglomeration, only the hoary bat, the monk seal and the Polynesian rat are considered endemic. The ancestors of the first obviously flew here from America, those of the second swam here perhaps from the Bahamas when the Isthmus of Darien was below the surface of the ocean, and those of the last probably arrived here as stowaways among coconuts - can't you visualize their beady eyes and twitching whiskers peeping forth - or other baggage transported by the Hawaiian people's Polynesian forebears in their giant double canoes from the south-southwest. Besides introducing the rat to the Hawaiian Islands, the Polynesians brought the dog and the pig.

The forty-five figures in the text are mostly photographs, many excellent and a few perhaps a bit dark, a necessary evil when trying to snap a feral animal that skulks out of sight in preference to saying "cheese" to be photogenic. The book is particularly fascinating to the reviewer as he has observed many of the author's subjects in the field and is enlightened regarding their native homes, habits and the conditions and dates of their local introduction.

Regarding the monk seal, a neighbor long resident at Mokuleia Beach, Oahu informed the reviewer a specimen once appeared on the reef fronting his home. Regarding feral donkeys, popularly called "Kona nightingales," herds in the Kau Desert, Island of Hawaii, were said to paw open naturalized watermelons (before the introduced melonfly exterminated them) to gain necessary moisture. Only three such wild donkeys were known to the reviewer in 1969, beautifully sleek specimens with a few prominent zebra-like stripes. As some trigger-happy nitwit might go looking for them, their range shall remain a secret. In Wailau, Molokai in 1928 such abandoned donkeys with long, curved hooves that had failed to wear down properly in the muck of this rainswept valley, visited the reviewer at his base camp near shore. Dependent on browsing the lush vegetation, they gloried in eating for a change the dry newspapers needed for the pressing of botanical specimens. On Kauai about a hundred years ago, according to a part-Hawaiian assistant, his German immigrant grandfather found it profitable to periodically shoot some of his half-wild cattle, slice through their leathery hides, and let his marketable hogs fatten on the carcasses. In Honolulu, during the '20s and '30s, Chinese would cut the Honolulu residents' unwanted algaroba trees for the wood. This was used to boil the garbage collected from the householders for the piggeries situated in the suburbs. One pig farmer, invited to explain his business to the members of the University of Hawaii's Aggie Club, perhaps to flatter his audience, was glad to relate that the very best swill came from the University cafeteria. Regarding the water buffalo, an elderly taro grower up to recently (thanks to a subsidy by a photo concern, it is ~~now~~) plowed his patch with this picturesque beast along the main highway at Waihole (misspelled "Waihole"), Oahu to entice tourists to use their cameras. Feral goats often enter lava

*removed*



tubes on the Island of Hawaii, at times dying there as their skeletons prove; but according to observations by a resident Hawaiian (pers. com., by Mr. Albert Lincoln), they avoid burial caves. On a dry ridge on Kauai the reviewer noted one Billy, not cleaning his fur, but apparently drinking his own urine to quench his thirst. Perhaps Dr. Tomich should have devoted a few paragraphs to notorious "Butch," the black bear (see Honolulu Advertiser of Dec. 10, 1957 and Honolulu Star-Bulletin of Feb. 4, 1970), who had escaped from captivity and was maintaining himself, hale and hearty, in the Koolau Mountains.

Under "Some Perspectives in Hawaiian Mammalogy," comprising twenty pages, are miscellaneous topics such as "Hawaiian Names of Mammals," a little about early whaling, rodents, diseases, "Animal Quarantine," ecological conditions on some of the smaller islands, etc.

*peroughorn*  
Regarding Lanai, Dr. Tomich gives wise suggestions concerning the introduced goat, deer, ~~antelope~~ and mouflon. He failed to note an observation made during the reviewer's six months' botanizing there in 1963-64. Hunting encouraged in the lowlands and kapu, or forbidden, in the remnant, endemic rainforest tends to drive deer and goat for asylum into the forest, thus speeding its destruction by browsing and trampling. This error in game management, however, is today merely of academic interest for Lanai as the native forest since that time has been bulldozed in parallel strips and planted to loblolly pine (Pinus taeda).<sup>1</sup> As the trees increase in width and scatter their poisonous needles, the native flora will quickly succumb.

Being interested in the preservation of the native biota, the reviewer regrets that no mention is made of The Ecologists Union's resolution about two decades ago against the folly of liberating axis deer in the Hawaiian Islands. We in Hawaii, in our know-it-all conceit, pay little heed to the warning.

The reviewer has never before read through a Bibliography, but that in "Mammals in Hawaii," extending from page 140 through page 225, is so replete with interesting summaries that he has enjoyed doing so. One example, for the year 1907, reads as follows: "----- a citizen complained that her pet dog was taken to the pound by the dog warden and killed before the legal time limit had expired, to furnish food for a luau given by one Supervisor Kealoha and others." In fact, a few years ago, a part-Hawaiian protégé of the reviewer visited a retired, well-to-do Polynesian taxi driver on rural Oahu. Wanting a drink of ice water, he opened his host's modern refrigerator and was aghast to find row on row of properly cleaned puppies. Why not? They are appealing as well as tasty animals. Remember, the English to this day butcher their aged, used-up royal coach horses for France's stew meat.

There is one glaring omission to this otherwise excellent book that hurts the reviewer to the quick. An immigrant in 1922 via the SS. Wilhelmina, he considers himself a thoroughly naturalized mammal in the Hawaiian Islands. In fact, he and his ilk have influenced, most banefully, the native and introduced biota of the Islands more than any other species of mammal. Why are not the variously naturalized forms and strains of Homo sapiens L., as thoroughly treated as wallaby, pig or goat; and above all, why is the endemic Hawaiian human being not given a chapter of his own? He is certainly about as distinct from other kinds of man as the Hawaiian rat, Rattus exulans hawaiiensis, is from the common Polynesian rat, R. exulans exulans, to the south and southwest. Both apparently reached the Hawaiian Islands at the same time in the same double canoe. This belief of the distinctiveness of the Hawaiian became a conviction in 1963.

That year the reviewer remarked to his wife, on entering a New Zealand airport and observing a Polynesian lady at the Information Desk, that he noticed no difference whatever between Maori and Hawaiian. Later, inquiring about conducted tours, he repeated his remark to the lady in question. Laughingly she replied that she was not Maori at all, but had come to New Zealand with her Hawaiian parents as a child! Polynesians have been isolated in the Hawaiian Archipelago evidently a sufficient length of time to have acquired distinctive traits not found in other peoples. The reviewer believes a second edition of Dr. Tomich's "Mammals in Hawaii" must include Homo sapiens forma hawaiiensis Deg., as the fourth endemic mammal.



Sophora chrysophylla (Salisbury) Seemann

Mamane

LEGUMINOSAE

---

Description: A shrub or tree up to 12 m. high varying a great deal in <sup>its</sup> leaves and flowers in <sup>the</sup> different varieties and forms. The compound pinnate leaves usually have 6-12 pairs of elliptic or obovate leaflets 7-50 mm. long, but in var. unifoliata there may be a single leaflet only. The young leaves and branchlets are covered with short, stiff golden hairs which later may become silvery. The pale yellow pea-like flowers vary up to 28 mm. long and are borne in short racemes on bare or leafy branches. The cup-shaped calyx is covered with golden silky hairs and varies in its proportions as do the several petals in different varieties. The pods also are variable in size and the number of seeds they produce; they have four longitudinal ridges (wings) and are constricted between the seeds. The seeds are ovoid to globose, 4-8 mm. long and vary in colour from golden brown to orange or grey-black.

Type: Hawaii, A. Menzies in Herb. Banks.

Illustrations: See Ker (1823), Rock (1913), Degener (1930).

Habitat and ecology: It grows from near sea level up to the tree line at 10,000 ft. but is more common at the upper levels where it may be a dominant in the forest on old lava flows, associated with shrubby composites such as Reillardia spp.

Status: The species as a whole is not in danger as var. ovata f. ovata and var. grisea f. obtusa and f. maunaloensis are still moderately abundant, but the remaining 19 forms are all either rare or depleted.

Former distribution: Endemic to the Hawaiian Archipelago, formerly more abundant on all of the islands, no longer on Nihoa <sup>and</sup> or perhaps extinct on Molokai.

Reasons for decline: Clearance of forests for agriculture and forestry and grazing by cattle, horses and goats.

Biology and potential value: The pollinators of the flowers are not recorded, but seed set is good and the seeds retain their vitality for many years. Two endemic beetles (Plagithmysus blackburnii and P. darwinianus) attack and destroy trees in poor health. The timber is hard and durable and is used for fence posts and formerly for clubs, spades and sled runners. This species is of the greatest interest for phytogeographical and evolutionary studies exhibiting a diversification in the islands of the Hawaiian Archipelago comparable with that of the Darwin finches in the Galapagos. It is also a beautiful flowering tree of horticultural value.

Cultivation: It can be raised readily from seeds.

Protective measures already taken: Var. ovata f. ovata and f. puuwaawaaensis are protected in the Volcanoes National Park, Hawaii.

Protective measures recommended: Reserves need to be established to preserve for posterity and for fuller investigation the remaining varieties and forms.

- References: Salisbury, R.A. Trans. Linn. Soc. 9, 299, t.26 fig.1 (1808) as Edwardsia chrysophylla.  
+ Ker, J.B. Botanical Register 9, t.738 (1823)  
Rock, J.F. Indigenous trees Hawaiian Islands. 187-9, t.72-4 (1913)  
Degener, O. Plants Hawaii National Park. 179-182, t.47 (1930) (as Edwardsia)  
Chock, A.K. A taxonomic revision of the Hawaiian species of Sophora. Pacific Science 10, 136-158 (1956)

May 26

Otto -

In a big rush. The printer suggests that I have black-and-white prints made of your two kodachromes and then sent to him these black-and-white prints for offetting. He says to reproduce them at his (the printer's) place will cost only \$4 extra. But apparently he is not willing to take the kodachromes and have the black-and-white prints made from them. So I must do that.

HOWEVER -- you ask that they be enlarged to fill the space left on the 4th page of your paper. What is left blank on that page will be only  $3\frac{10}{16}$  up-and-down by  $4\frac{1}{16}$  across. To get both pictures into that space would mean they ~~have~~ <sup>each</sup> not be enlarged more than to a width of  $1\frac{3}{4}$  inches (across) by whatever that will make them up-and-down. Alma is convinced that pictures that size will show NOTHING when reproduced. She urges me to suggest to you that you put them on a separate page, so that each one can be enlarged to the size of half a page. This would mean leaving the bottom half of your page 4 blank -- unless you authorize me to chop up your text and fill page 4 (really page 5 because you want the picture of the herb. spec. to fill a page between your present page 1 and page 2) to about  $\frac{1}{4}$  from the bottom. This would make your pages more in conformity with the rest of the journal (because you have some of them several lines too long again!). Then each picture ~~could~~ <sup>each</sup> be enlarged to about ~~4 inches across by whatever that would make them up-and-down.~~

Ofcourse, remember that when you enlarge any picture you lose detail, but Alma still thinks the end result would show more than leaving them only  $1\frac{3}{4}$  inches wide.

Let me know by AIR MAIL SPECIAL DELIVERY what you want done. It is MOST urgent because I may have to be operated on again June 5 and I must get this issue out before that. I promised other authors that I'd get it out right after June 1.

P.S. Use a newer typewriter ribbon, please, when you type your papers. Your copy comes out too light.

Hansel

## SOPHORA IN HAWAII

Otto & Isa Degener

A letter from Dr. Ronald Melville of Kew, dated January 13, 1971, regarding the present status of the endemic Sophorae of the Hawaiian Archipelago, induced us to write the present article.

Hillebrand's Flora of the Hawaiian Islands, published posthumously in 1888, on page 108 describes a single endemic species of Sophora, namely S. chrysophylla (Salisb.) Seem., for the Hawaiian Archipelago. He locates the species on "Hawaii! Maui! Kauai!" The writers, and some other local botanists, know the genus from the Islands of Oahu, Molokai and Lanai as well. Mr. Alvin K. Chock, as a thesis submitted in partial fulfillment of the requirements for the degree of Master of Science in Botany at the University of Hawaii, published the results of his two year study of Hawaii Sophorae in Pacific Science 10:136-158 in 1956. The Degener collection deposited at the Field Museum was mailed him in January 1954 to aid him in his studies.

Counting such names as Sophora chrysophylla (Salisb.) Seem., and Sophora chrysophylla ssp. glabrata var. ovata subvar. ovata f. maunakeensis Chock, the monographer recognizes as valid for the Archipelago 1 species, 4 subspecies, 11 varieties, 5 subvarieties and 12 forms. We are less conservative and judge the Islands to harbor more than one species, such as Sophora grisea Deg. & Sherff (in Sherff, Bot. Leaflet 5:24. 1951.) and S. unifoliolata (Rock) Deg. & Sherff (ibid. p. 25), as well as one each from the Islands of Lanai and Molokai. We believe, also, the monographer should have considered character of legume of greater taxonomic importance. We consequently here are changing to different taxonomic ranks:

### 1. SOPHORA LANAIENSIS (Chock) Deg. & Deg.

Sophora chrysophylla sensu Rock, Indig. Trees Haw. Isl. 189. 1913.

"A few small trees were found on Lanai just above the homestead of the former manager of the Lanai Ranch Co., in a small gulch all by themselves. Whether they were planted there by human hand or by birds cannot be ascertained, but the former may be more reasonable, as they were not found elsewhere on Lanai."

Not Sophora chrysophylla Seem., Fl. Vit. 66. 1865. "Insulis Sandwich, legit A. Menzies." (Brit. Mus.)

Sophora chrysophylla var. glabrata sensu Rock, Leg. Fl. Haw. 123. 1920. (Lanai.)

Not Edwardsia chrysophylla var. glabrata A. Gray in U.S. Expl. Exp. 429. 1854. (Hawaii.)

Sophora chrysophylla ssp. glabrata var. lanaiensis Chock in Pac. Sci. 10:147. 1956. (Lanai.)

Symmetrically round lacy tree with many branches arising from short erect trunk and bearing numerous long slender twigs longi-







tudinally sulcate and during first year antrorsely appressed-golden-strigose. Leaves commonly with 7 - 10 mm. long petiole and 50 - 80 mm. long rachis both deeply narrowly grooved above and golden-strigose; leaflets about 13, opposite to alternate, the smallest below and the largest above on leaf, 10 - 30 mm. long, 4 - 11 mm. wide, oblong-oblancoate, cuneate to minutely abruptly rounded to petiole 1 mm. long or less, broadly rounded to somewhat truncate and emarginate with usually faint mucro at apex, golden-strigose especially beneath. Flowers up to 7 or even 9 per 5 - 10 mm. long inflorescence, on 10 mm. long pedicels having 1 mm. long incurved boat-shaped subulate bract at base. Calyx 8 mm. long from base to shallowly 5-dentate limb, with single 3 mm. deep sinus, strigose-pubescent without, glabrous within. Corolla: standard 26 mm. long, 9 mm. wide, the ovate-elliptic limb at apex somewhat obtuse and barely retuse; wings with 4 mm. long claw and 18 mm. long 5 mm. wide limb having obliquely truncate base and somewhat rounded apex; keel petals with claw 4 mm. long but blade 24 mm. long and 6 mm. wide, connate for 10 mm. near middle of lower margin, with acuminate apex. Stamens about 20 mm. long, abruptly dilated at base, glabrous. Pistil 25 mm. long, terete, strigose-pubescent except for thinner anterior fifth. Legume dark brown, somewhat glossy, straight, indehiscent, commonly 60 - 100 mm. long, with slightly curved 5 - 15 mm. long caudate apex; sterile basal part 5 - 20 mm. long, golden-strigose; fertile part more or less moniliform with 5 - 9 one-seeded segments 7 - 10 mm. long, 6 - 8 mm. wide, about 4 mm. thick, glabrate to somewhat strigose-pubescent, with 2 rows of 2 - 3 mm. separated rough 1 mm. high wings bordering narrow sides of pod, wings less prominent between seed-bearing areas; in case no seed develops the area remains sublinear. Seeds yellowish brown, smooth, glossy, thick, elliptic-globose, 5 - 6 mm. long, 3 mm. thick, hardly compressed.

The type, deposited in the Marie C. Neal Herbarium of the Bernice F. Bishop Museum, was collected by Rock "On the plateau leeward side, near Koaie, back of Gibson Walter Murray Gibson, 1822-1888 Homestead, flowering and fruiting July 29, 1910. George Campbell Munro (May 10, 1866 - Dec. 4, 1963), who was manager of most of the Island of Lanai for many years and saved much of its endemic vegetation from herbivores, wrote voluminous notes concerning Lanai plants about 1927. From a transcription we took a few years before his death, we find: "*Sophora chrysophylla* glabra, Rock. Native name manane. Not common, found most commonly on the Kaluanui bench, one plant at Kanepuu from which a number are now growing." Chock cites a plant collected by Munro April 16, 1919, deposited in the Bishop Museum and in NY, from Kaluanui. In a letter to us of July 25, 1952, Mr. Munro wrote us expressly that *S. chrysophylla* and the var. *glabrata* grew on Lanai. In fact, regarding the latter, "Rock described this. I did not see it." Munro collected 950 Lanai specimens of ferns and flowering plants, which G.N. Forbes determined. A set went to the Bishop Museum; another to the Hawaiian Sugar Planters Experiment Station; and the rarest (letter of Oct. 14, 1950) to the "British Museum, Sydney, Australia."

3  
Deg on Soph

Thanks to the courtesy of the Dole (Pineapple) Company which rented us a cottage, we resided in 1963-64 for about six months on Lanai to botanize. During this lengthy stay, we discovered just nauka of the pineapple fields presumably the last stand of Sophora lanaiensis, beautifully rounded, bright green, lacy trees. About 75 herbarium specimens from this colony are being widely distributed under the following label: "Deg. & Deg. 31,383. Almost extinct! (4 thriving, spreading, 3 m. high trees with many branches arising from low trunk; prolific seeder but not a single seedling because of thick mat of Melinis grass; petals canary yellow; filaments whitish; anthers yellow; pistil greenish yellow.) Kaluanui Bench, Lanai. Decadent, dryish forest with deer browse line. Jan. 24, 1964." Today, with Lanai practically a hunting preserve stocked with feral goat axis deer, mouflon and pronghorn, we surmise the four trees are no more. At least voucher specimens exist to show how beautiful a creation this species had been. The above description is based on No. 31,383, healthy trees with 5 - 9 seeds per legume; very rarely, perhaps due to faulty pollination, down to only one. Chock's description gives "the pod 1 - 5 seeded".

2. SOPHORA MOLOKAIENSIS sp. nov., nom. nud.

June 1, 1961, with Mr. Noah Pekelo, Jr., we drove to Maunahui, Molokai, and from there took a foresters' jeep road maka eastward to the lower edge of the rainforest. Here we discovered a rather gnarled, ugly mamane new to Science. We collected abundant material and, since Mr. Chock had published on the genus, turned over all our specimens to him. We intended to publish jointly, after a proper drawing had been executed. Before that could be accomplished, Mr. Chock and family removed to the Mainland and the package of specimens lies somewhere in the Museum where, no one knows. We believe this species extinct because, when we collected specimens from the plant in 1961 the area, thanks to the jeep road, was being bulldozed in strips for the planting of Pinus taeda to foster a lumber industry. Eventually, after the herbarium specimens have come to light, we shall properly publish an illustrated description.

The taxa with more or less unifoliolate leaves we prefer to alter in name as follows:

3. SOPHORA UNIFOLIATA (Rock) Degener & Sherff, s.s.

Sophora chrysophylla var. unifoliata Rock in Haw. Bd. Commrs. Agri. & For., Div. For., Bot. Bull. 5:44. 1919.  
Edwardsia unifoliata Degener, Fl. Haw. Fam. 169c. 1932.  
Sophora unifoliata Deg. & Sherff in Sherff, Bot. Leaflet 5:24. 1951.  
Sophora chrysophylla ssp. unifoliata Chock in Pac. Sci. 10:155. 1956.

This taxon, now apparently extinct, grew in the Puuwaawaa region of Hawaii.

3a. SOPHORA UNIFOLIATA var. ELLIPTICA (Chock) Deg. & Deg.

Sophora chrysophylla ssp. unifoliata var. elliptica Chock in Pac.  
Sci. 10:156. 1956.

Degener Soph  
4

This taxon, known from Degener, Bertram & Clay 19,327, was collected in 1948 at Hukukano, East Maui.

3b. SOPHORA UNIFOLIATA var. KANAIOENSIS (Chock) Deg. & Deg.

Sophora chrysophylla ssp. unifoliata var. kanaioensis Chock in Pac.  
Sci. 10:156. 1956.

This taxon, collected by Forbes in 1920 and by Degener in 1952, is apparently endemic to the neighboring area at Kanaio, East Maui.

So few in the Hawaiian Islands realize the scientific value of our endemics, and ruthlessly destroy them to gain a few pounds of venison or board feet of lumber. Our protests fall on deaf ears. Perhaps some of our akamai legislators and citizens will heed Dr. Melville's statement in his letter to us: "It appears to me that Sophora chrysophylla is an extremely interesting example of diversification in a plant species comparable with that of the Darwin Finches in the Galapagos, and I think this comparison could be made use of in urging the conservation of this species."



13,03 3,042, etc

Deaneer Fijian Collection

Determinations by A. C. Smith  
unless otherwise noted

- ✓13500 *Paspalum conjugatum* Berg. (det. A. Chase)  
✓13501 *Leucaena glauca* (L.) Benth.  
✓13502 *Eleusine indica* (L.) Gaertn. (det. A. Chase)  
✓13503 *Centella asiatica* (L.) Urb.  
✓13504 *Hibiscus tiliaceus* L.  
✓13505 *Stachytarpheta urticaefolia* (Salisb.) Sims (det. H. N. Moldenke)  
✓13506 *Sida rhombifolia* L.  
✓13507 *Cyperus polystachyos* Rothb. (det. H. O'Neill)  
✓13508 *Borreria laevis* (Lam.) Griseb. (det. F. R. Fosberg)  
✓13509 *Sporobolus diander* (Retz.) Beauv. (det. A. Chase)  
✓13510 *Cyperus Kyllingia* Endl. (det. H. O'Neill)  
✓13511 *Polygala paniculata* L.  
✓13512 *Andropogon annulatus* Forsk. (det. A. Chase)  
✓13513 *Desmodium heterocarpum* (L.) DC.  
✓13514 *Setaria geniculata* (Lam.) Beauv. (det. A. Chase)  
✓13515 *Setaria barbata* (Lam.) Kunth. (det. A. Chase)  
✓13516 *Panicum ambiguum* Trin. (det. A. Chase)  
✓13517 *Sporobolus indicus* (L.) R. Br. (det. A. Chase)  
✓13518 *Synedrella nodiflora* (L.) Gaertn.  
✓13518a *Echinochloa colonum* (L.) Link (det. A. Chase)  
✓13519 *Rubus moluccanus* L.  
✓13520 *Cypholophus heterophyllus* (Wedd.) Wedd.  
✓13521 *Scaevola floribunda* A. Gray  
✓13522 *Platostema fruticosum* Gibbs  
✓13523 *Cyrtandra glandulosa* Gillespie  
✓13524 *Trema orientalis* (L.) Bl.  
✓13525 *Psychotria Sutchelli* Gillespie (det. F. R. Fosberg)  
✓13526 *Mussaenda frendosa* L. (det. F. R. Fosberg) *raiatensis*  
✓13527 *Elechnum orientale* L. (det. E. B. Copeland)  
✓13528 *Cyathea extensa* (Forst.) Sw. (det. E. B. Copeland)  
✓13529 *Culcita straminea* (Labill.) Maxon (det. E. B. Copeland)  
✓13530 *Melastoma denticulatum* Labill.  
✓13531 *Alphitonia franguloides* A. Gray  
✓13532 *Gardenia Hutchinsoniana* Turrill? (det. F. R. Fosberg)  
✓13533 *Coprosma persicaefolia* A. Gray (det. F. R. Fosberg)  
✓13534 *Morinda umbellata* var. *Forsteri* (Seem.) Fosb. (det. F. R. Fosberg)  
✓13535 *Morinda umbellata* var. *Archboldiana* Fosb. (det. F. R. Fosberg)  
✓13536 *Boehmeria virgata* (Forst. f.) Guillem.  
✓13537 *Dodonaea viscosa* (L.) Jacq.  
✓13538 *Centella asiatica* (L.) Urb.  
✓13539 *Histiopteris sinuata* (Brack.) J. Sm. (det. E. B. Copeland)  
✓13540 *Polygala paniculata* L.  
✓13541 *Ficus Masoni* Horne  
✓13542 *Nothopanax fruticosum* (L.) Miq.  
✓13543 *Carex indica* L.  
✓13544 *Saurauia rubicunda* (A. Gray) Seem.  
✓13545 *Jussiaea suffruticosa* L.

- 13,039 *Erythronium acuminatissimum* (A. Gray) A.C. Sm. "G. sa in  
 13,042 *Athyrium tripartitoides* Copel "Fouitou" in Serua.  
 13,041 *Trichomanes effusum* Reichenb. f.  
 13,040 *Morinda umbellata* var. *Fosteri* (Seem.) Foster  
 13,031 *Trichomanes Harveyi* Carr "Drivadriva" in Serua.  
 13,037 *Abenaria tradescantifolia* Reichenb. f.  
 13,035 *Ervatamia orientalis* (R. Br.) Turritt  
 13,034 *Phaleria glabra* (Turritt) Domke  
 13,033 *Lakeinosperma grande* (Seem.) Mez  
 13,032 *Calanthe hololeuca* Reichenb. f.



- 13546 *Geitonoplesium cymosum* (R.Br.) A. Cunn.  
 13547 *Dianella ensifolia* (L.) DC.  
 13548 *Blechnum lanceolatum* (R.Br.) Sturm (det. E. B. Copeland)  
 13549 *Dryopteris microsora* Copel. (det. E. B. Copeland)  
 13550 *Didymochlaena truncatula* (Sw.) J. Sm. (det. E. B. Copeland)  
 13551 *Nephrolepis cordifolia* (L.) Presl (det. E. B. Copeland)  
 13552 *Selaginella*  
 13553 *Dryopteris tenuifrons* C. Chr. (det. E. B. Copeland)  
 13554 *Marattia Smithii* (Mett.) Kuhn (det. E. B. Copeland)  
 13555 *Homalanthus nutans* (Forst.) Pax (det. L. Croizat)  
 13556 *Athyrium melanocaulon* (Brack.) Milde  
 13557 *Exocarpus vitiensis* A. C. Smith (type coll.)  
 13558 *Maesa samoana* Mez  
 13559 *Elatostema Archboldianum* A. C. Smith  
 13560 *Elatostema vitiense* (Wedd.) A.C. Smith  
 13561 *Wikstroemia foetida* (L.f.) A. Gray  
 13562 *Graptophyllum insularum* (A. Gray) A. C. Smith  
 13563 *Spathoglottis pacifica* Rehb.f. (L. O. Williams)  
 13564 *Gahnia vitiensis* Rendle  
 13565 *Arytera Brackenridgei* (A. Gray) Radlk.  
 13566 *Amylotheca insularum* (A. Gray) Danser  
 13567 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 13568 *Piper insectifugum* C. DC.  
 13569 *Piper Macgregoriae* C. DC. *puberulum* (Benth.) Benth. var. *glabrum* (DC.) A.C.  
 13570 *Piper Timothianum* A. C. Smith (type coll.)  
 13571 *Medinilla amoena* Seem.  
 13572 *Imperata cylindrica* (L.) Beauv. (det. A. Chase)  
 13573 *Blumea Milnei* Seem.  
 13574 *Medinilla heterophylla* A. Gray  
 13575 *Cayratia acuminata* (A. Gray) A. C. Smith  
 13576 *Agatea violaris* A. Gray  
 13577 *Ixora vitiensis* A. Gray (det. F. R. Fosberg)  
 13578 *Polyscias Joskei* Gibbs  
 13579 *Dorisia flavida* (Seem.) A. C. Smith (det. F. R. Fosberg)  
 13580 *Alpinia Boia* Seem.  
 13581 *Grewia prunifolia* A. Gray  
 13582 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
 13583 *Amaroria soulameoides* A. Gray  
 13584 *Smilax vitiensis* (Seem.) A. DC.  
 13585 *Ficus vitiensis* Seem.  
 13586 *Metrosideros collina* var. *glaberrima* A. Gray (det. Merrill & Perry)  
 13587 *Ophiorrhiza laxa* A. Gray (det. F. R. Fosberg)  
 13588 *Casuarina disticha* A. Gray  
 13589 *Alstonia montana* Turritt  
 13590 *Melodinus glaber* Turritt  
 13591 *Geniostoma stenocarpum* A. C. Smith (type coll.)  
 13592 *Geniostoma stenocarpum* A.C. Smith  
 13593 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 13594 *Ficus*  
 13595 *Hedyocarya dorstenioides* A. Gray  
 13596 *Alstonia montana* Turritt  
 13597 *Vavaea amicarum* Benth.  
 13598 *Psychotria Gibbsiae* S. Moore (det. F.R. Fosberg)  
 13599 *Weinmannia rhodogyne* Gibbs  
 13600 *Elatostema Seemannianum* A.C. Smith

Cunoniace?

- Pitt. ✓13601 *Pittosporum rhytidocarpum* A. Gray  
 Pitt. ✓13602 *Pittosporum arborescens* Rich  
 Arch ✓13603 *Maoutia australis* Wedd.  
 Arch ✓13604 *Habenaria cynosorchidacea* C. Schweinf. (det. L. O. Williams)  
 13605 *Scyphularia pycnocarpa* (Brack.) Copel. (det. E. B. Copeland)  
 13606 crypt.  
 Rub ✓13607 *Calycosia lageniformis* (Gillespie) A. G. Smith (det. F. R. Fosberg)  
 Glac ✓13608 *Casearia disticha* A. Gray  
 E. B. H. ✓13609 *Evodia cucullata* Gillespie  
 13610 *Elaeocarpus grandis* F. v. Muell.  
 Rub ✓13611 *Calycosia petiolata* A. Gray (det. F. R. Fosberg)  
 Rub ✓13612 *Psychotria neurocalyx* Gillespie (det. F. R. Fosberg)  
 13613 *Psychotria pubiflora* (A. Gray) Fosb. (det. F. R. Fosberg)  
 13614 *Scleria Margaritifera* Willd.  
 13614a *Ixora pelagica* Seem. (det. F. R. Fosberg)  
 13615 *Phaleria? fruticum gremou var. domesticum*  
 13616 *Medinilla amoena* Seem.  
 13617 *Gironniera celtidifolia* Gaud.  
 13618 *Saurauia rubicunda* (A. Gray) Seem.  
 13619 *Faradaya vitiensis* (A. Gray) Seem. (det. H. N. Moldenke)  
 13620 *Vitex trifolia* var. *bicolor* (Willd.) Moldenke (det. H. N. Moldenke)  
 13621 *Wedelia strigulosa* (Gaud.) B. & H. f.  
 13622 *Psychotria Forsteriana* var. *vitiensis* A. Gray (det. F. R. Fosberg)  
 13623 *Pittosporum rhytidocarpum* A. Gray *var. 29, 40* *Sp. coll. alone*  
 13624 *Agathis vitiensis* (Seem.) B. & H. f.  
 13625 *Ficus Kajewskii* Summerhayes  
 13626 *Indigofera tinctoria* L.  
 13627 *Lawsonia inermis* L.  
 13628 *Solanum torvum* Sw.  
 13629 *Pteris ensiformis* Burm. (det. E. B. Copeland)  
 13630 *Adiantum hispidulum* Sw. (det. E. B. Copeland)  
 13631 *Arthropteris obliterata* (R. Br.) J. Sm. (det. E. B. Copeland)  
 13632 *Mallotus acuminatus* Muell. Arg. (det. L. Croizat)  
 13633 *Antirrhoea inconspicua* (Seem.) Christoph. (det. F. R. Fosberg)  
 13634 *Diospyros ferrea* var. *subimpressa* Fosb. (det. F. R. Fosberg)  
 13635 *Tectaria latifolia* (Forst.) Copel. (det. E. B. Copeland)  
 13636 *Alphonidia zizyphoides* (Spreng.) A. Gray  
 13637 *Eugenia rariflora* Benth. (det. Merrill & Perry)  
 13638 *Syzygium gracilipes* (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 13639 *Micromelum minutum* (Forst.) Seem.  
 13640 *Tarenna sambucina* (Forst.) Dur. (det. F. R. Fosberg)  
 13641 *Premna taitensis* var. *rimatarensis* F. H. Br. (det. H. N. Moldenke)  
 13642 *Scleria lithosperma* (L.) Sw.  
 13643 *Melochia odorata* L. f.  
 13644 *Rhizophora mucronata* Lam.  
 13645 *Bruguiera sexangula* (Lour.) Poir.  
 13646 *Pseudomorus Brunoniana* (Endl.) Bur.  
 13647 *Ficus vitiensis* Seem.  
 13648 *Claoxylon* cf. *echinospermum* Muell. Arg. (det. L. Croizat)  
 13649 *Colubrina asiatica* (L.) Brongr.  
 13650 *Geniostoma rupestre* Forst.  
 13651 *Ervatamia orientalis* (R. Br.) Turrill  
 13652 *Ficus*  
 13653 *Pipturus platyphyllus* Wedd.  
 13654 *Pipturus argenteus* var. *lanosus* Skottsb.

- ✓13655 *Scleria Margaritifera* Willd.  
 ✓13656 *Buddleia Davidi* Franch. (det. L. B. Smith)  
 13657 all returned to Degener  
 13658 all returned to Degener  
 13659 all returned to Degener  
 13660 all returned to Degener  
 13661 *Gardenia jasminoides* Ellis (det. F. R. Fosberg)  
 13662 all returned to Degener  
 ✓13663 *Morinda citrifolia* L. (det. F. R. Fosberg)  
 13664 *Pentas lanceolata* (Forsk.) Schum. (det. F. R. Fosberg)  
 13665 all returned to Degener  
 13666 all returned to Degener  
 ✓13667 *Breynia disticha* Forst. var. *genuina* Muell. Arg. f. *nivosa* (G. W. Smith) Croizat (det. L. Croizat)  
 13668 *Citrus macroptera* Montr. (det. W. T. Swingle)  
 ✓13669 *Capsicum frutescens* L.  
 13670 *Peperomia pellucida* (L.) HBK. (det. T. G. Yuncker)  
 13670a *Adiantum hispidulum* Sw.  
 13671 *Wedelia strigulosa* (Gaud.) B. & H.f.  
 13672 *Clerodendrum fragrans* var. *pleniflorum* Schau. (det. H. N. Moldenke)  
 13673 *Passiflora maliformis* L. (det. E. P. Killip)  
 13674 *Premna taitensis* var. *marchionica* F. R. Br. (det. H. N. Moldenke)  
 13675 *Calanthe hololeuca* Rehb. f., prob. (det. L. O. Williams)  
 13676 *Lycoris*  
 13677 *Jatropha Curcas* L. (det. L. Croizat)  
 ✓13678 *Barina plana* Rehb. f. (det. L. O. Williams)  
 ✓13679 *Freycinetia caudata* Hemsl. (det. Merrill & Perry)  
 ✓13680 *Freycinetia Pritchardii* Seem. (det. Merrill & Perry)  
 ✓13681 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 13682 no specimen  
 13683 *Lobelia zeylanica* L.  
 13684 no specimen  
 ✓13685 *Taetsia fruticosa* (L.) Merr.  
 ✓13686 *Passiflora foetida* L. var. *hispida* (DC.) Killip (det. E. P. Killip)  
 ✓13687 *Tridax procumbens* L.  
 13687b *Tridax procumbens* L.  
 ✓13688 *Physalis angulata* L.  
 ✓13689 *Phyllanthus* cf. *Niruri* L. (det. L. Croizat)  
 ✓13690 *Euphorbia heterophylla* L. (det. L. Croizat)  
 ✓13691 *Vitex trifolia* var. *bicolor* (Willd.) Moldenke (det. H. N. Moldenke)  
 ✓13692 *Hernandia ovigera* L.  
 13693 *Premna taitensis* var. *marchionica* F. H. Br. (det. H. N. Moldenke)  
 13694 crypt.  
 ✓13695 *Brackenridgea nitida* A. Gray  
 ✓13696 *Commersonia bartramia* (L.) Merr.  
 ✓13697 *Vavaea amicornum* Benth.  
 13698 *Alphitonia franguloides* A. Gray  
 13699 *Gardenia vitiensis* Seem. (det. F. R. Fosberg)  
 ✓13700 *Canthium odoratum* (Forst.) Seem. (det. F. R. Fosberg)  
 ✓13701 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 ✓13702 *Guioa rhoifolia* (A. Gray) Radlk.  
 ✓13703 *Dodonaea viscosa* (L.) Jacq.  
 ✓13704 *Cymbopogon refractus* (R. Br.) Camus (det. A. Chase)  
 ✓13705 *Aglaia Archboldiana* A. C. Smith (type coll.)



- 13706 crypt.  
✓13707 *Rubus moluccanus* L.  
✓13708 *Habenaria tradescantifolia* Rchb.f. (det. L. O. Williams)  
13709 all returned to Degener  
✓13710 *Dodonaea viscosa* (L.) Jacq.  
✓13711 *Hibiscus sabbdariffa* L.  
✓13712 *Ficus Barclayana* (Miq.) Summerhayes  
✓13713 *Rhamnus vitiensis* Benth. ~~constricta~~; *Rhamnella vitiensis* (Benth.) A.C. Sm.  
✓13714 *Epipremnum pinnatum* (L.) Engl.  
✓13715 *Dysoxylum pilosum* A. C. Smith  
✓13716 *Tylophora Brackenridgei* A. Gray  
✓13717 *Raphidophora Storkiana* Schott  
✓13718 *Cerbera manghas* L.  
✓13719 *Ficus obliqua* Forst.  
✓13720 *Ficus tinctoria* Forst.  
✓13721 *Acalypha* cf. *repanda* Muell. Arg. (det. L. Croizat)  
✓13722 *Acalypha insulana* Muell. Arg. var. *pubescens* Muell. Arg. (det. L. Croizat)  
✓13723 *Glochidion ramiflorum* Forst. (det. L. Croizat)  
✓13724 *Graptophyllum insularum* (A. Gray) A. C. Smith  
✓13725 *Entada phaseoloides* (L.) Merr.  
✓13726 *Entada phaseoloides* (L.) Merr.  
✓13727 *Marattia Smithii* (Mett.) Kuhn (det. E. B. Copeland)  
✓13728 (*Dicranopteris*) *Gleichenia caudata* Copel. (det. E. B. Copeland)  
✓13729 *Dipteris conjugata* Reinw. (det. E. B. Copeland)  
✓13730 *Cyathea extensa* (Forst.) Sw. (det. E. B. Copeland)  
✓13731 *Anrophyum alatum* Brack. (det. E. B. Copeland)  
✓13732 *Selaginella*  
✓13733 *Selaginella viridangula* Spring  
✓13734 *Selenodesmium dentatum* (v.d.B.) Copeland (det. E. B. Copeland)  
✓13734a *Lindsaya Lapeyrousii* (Hook.) Baker (det. E. B. Copeland)  
✓13735 *Culcita straminea* (Labill.) Maxon (det. E. B. Copeland)  
✓13736 *Syngamma pinnata* J. Sm. (det. E. B. Copeland)  
✓13737 *Humata heterophylla* (Smith) Desv. (det. E. B. Copeland)  
✓13738 *Epipremnum pinnatum* (L.) Engl.  
✓13738a *Scaevola floribunda* A. Gray  
✓13739 *Hedyotis auricularia* var. *melanesica* Fosb. (det. F. R. Fosberg)  
✓13740 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
✓13741 *Cypholophus heterophyllus* (Wedd.) Wedd.  
✓13742 *Ficus bambusaefolia* Seem.  
✓13743 *Trichospermum Richii* (A. Gray) Seem.  
✓13743a *Hypolytrum latifolium* var. *vitiense* (C. B. Clarke) Kukenth.  
✓13744 *Cyathocalyx vitiensis* A. C. Smith  
✓13745 *Astronidium Storkii* Seem.  
✓13746 *Geniostoma macrophyllum* Gillespie  
✓13747 *Ficus Smithii* Horne  
✓13748 *Medinilla rhodochlaena* A. Gray  
✓13749 *Habenaria*  
13750 no specimen  
✓13751 *Eccaurea stylaris* Muell. Arg. (det. L. Croizat)  
✓13752 *Dendrobium biflorum* (Forst.) Sw. (det. L. O. Williams)  
✓13753 *Saccolabium constrictum* Rchb.f. (det. L. O. Williams)  
✓13754 *Elatostema vitiense* (Wedd.) A. C. Smith  
✓13755 *Ixora pelagica* Seem. (det. F. R. Fosberg)  
✓13756 *Commersonia bartramia* (L.) Merr.

- 13757 *Geniostoma rupestre* Forst.  
 13758 *Phyllanthus pergracilis* Gillespie (det. L. Croizat)  
 13759 *Gironniera celtidifolia* Gaud.  
 13760 *Timonius Smithii* Fosb. (det. F. R. Fosberg)  
 13761 *Cryptocarya constricta* Allen (type collection)  
 13762 *Faradaya vitiensis* (A. Gray) Seem. (det. H. N. Moldenke)  
 13763 *Psychotria carnea* (Forst.) A. C. Smith (det. F. R. Fosberg)  
 13764 *Macaranga vitiensis* Pax & Hoffm. (ex char.) (det. L. Croizat)  
 13765 *Freycinetia Storchii* Seem. (det. Merrill & Perry)  
 13766 *Oberonia heliophila* Rechb. f. (det. L. O. Williams)  
 13767 *Psychotria Forsteriana* var. *vitiensis* A. Gray (det. F. R. Fosberg)  
 13768 *Cerbera manghas* L.  
 13769 *Dolicholobium oblongifolium* var. *Degeneri* Fosberg (det. F. R. Fosberg)  
 13770 *Claoxylon vitiense* Gillespie (det. L. Croizat)  
 13771 *Agatea violaris* A. Gray  
 13772 *Vavaea Harveyi* Seem.  
 13773 *Citronella vitiensis* Howard (det. R. A. Howard)  
 13774 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 13775 *Endiandra monticola* A. C. Smith (det. C. K. Allen)  
 13776 crypt.  
 13777 *Pseudoracelopus philippinensis* Broth. (det. E. B. Bartram)  
 13778 *Trematodon longicollis* Mx. (det. E. B. Bartram)  
 13779 *Acanthophippium vitiense* L. Wms. (det. L. O. Williams)  
 13780 *Acalypha rivularis* Seem. (det. L. Croizat)  
 13781 *Pittosporum Pickeringii* A. Gray  
 13782 *Gnetum gnemon* L. var. *domesticum* (Rumph.) Mgf.  
 13783 *Scleria margaritifera* Willd.  
 13784 *Scleria lithosperma* (L.) Sw.  
 13785 *Ipomoea gracilis* R. Br.  
 13786 *Calophyllum inophyllum* L.  
 13787 *Wedelia strigulosa* (Gaud.) B. & H.f.  
 13788 *Passiflora suberosa* L. (det. E. P. Killip)  
 13789 *Grewia crenata* (Forst.) Schinz & Guill.  
 13790 *Cyclophorus lanceolatus* (L.) Alston (det. E. B. Copeland)  
 13791 *Firmiana diversifolia* A. Gray  
 13792 *Alangium villosus* var. *vitiense* (A. Gray) Bloemb.  
 13793 *Premna taitensis* var. *rimatarensis* F. H. Br. (det. H. N. Moldenke)  
 13794 *Excoecaria agallocha* L. (det. L. Croizat)  
 13795 *Mussaenda frondosa* L. (det. F. R. Fosberg) *vitiensis* T.W. Moore  
 13796 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 13797 *Inocarpus fagiferus* (Parkinson) Fosberg (I. edulis Forst.)  
 13798 *Glochidion concolor* Muell. Arg. (det. L. Croizat)  
 13799 *Alyxia stellata* (Forst.) R. & S.  
 13800 all returned to Degener  
 13801 all returned to Degener  
 13802 *Desmodium umbellatum* (L.) DC.  
 13803 *Erythrina variegata* L. var. *orientalis* (L.) Merr. (det. B. A. Krukoff) 12/22/40  
 13804 all returned to Degener  
 13805 *Lygodium reticulatum* Schkuhr (det. E. B. Copeland)  
 13806 *Pongamia pinnata* (L.) Merr. 12/22/40 *Micondrianga*  
 13807 *Vavaea amicorum* Benth.  
 13808 *Pittosporum Brackenridgei* A. Gray  
 13809 *Leucosyke corymbulosa* (Wedd.) Wedd.  
 13810 *Aristida aspera* Swallen (det. A. Chase)



- Cyph. 13811 *Cyperus cyperoides* (L.) Kuntze (det. H. O'Neill)  
 13812 *Cordia subcordata* Lam.  
 13813 *Mallotus acuminatus* Muell. Arg. (det. L. Croizat)  
 13814 *Mussaenda frondosa* L. (det. F. R. Fosberg) *raiaensis* T. W. Murr  
 13815 *Vitex trifolia* var. *bicolor* (Willd.) Moldenke (det. H. N. Moldenke)  
 13816 *Dendrobium Tokai* Rchb.f. (det. L. O. Williams)  
 13817 *Tropidia effusa* Rchb.f. (det. L. O. Williams)  
 13818 *Tectaria irregularis* (Presl) Copel. (det. E. B. Copeland)  
 13819 *Ophiophrassa leptantha* A. Gray (det. F. R. Fosberg)  
 13819a *Freycinetia Milnei* Seem. (det. Merrill & Perry)  
 13820 *Psychotria Pritchardii* Seem. (det. F. R. Fosberg)  
 13820a *Pteris pacifica* Hieron. (det. E. B. Copeland)  
 13821 *Athyrium bulbiferum* (Brack.) Copel. (det. E. B. Copeland)  
 13821a *Alpinia Parksii* (Gillespie) A. C. Sm.  
 13822 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 13823 *Hedyotis auricularia* var. *melanesica* Fosb. (det. F. R. Fosberg)  
 13824 *Maesa corylifolia* A. Gray  
 13825 *Spathoglottis pacifica* Rchb.f. (det. L. O. Williams)  
 13826 *Gironniera celtidifolia* Gand.  
 13827 *Spilanthes acmella* (L.) Murr.  
 13828 *Syngramma pinnata* J. Sm. (det. E. B. Copeland)  
 13829 *Piper Maegillii* Gray - EC correct to *puberulum* (Renth.) Renth. var. *glabrum* (EBC) A. C. Sm.  
 13830 *Lycopodium pseudophlegmaria* Kuhn (det. E. B. Copeland)  
 13831 *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)  
 13832 *Hoya diptera* Seem.  
 13833 *Melastoma malabathricum* L.  
 13834 *Culcita straminea* (Labill.) Maxon  
 13835 *Davallia fejeensis* Hook. (det. E. B. Copeland)  
 13836 *Selaginella viridangula* Spring  
 13837 *Lindsaya decomposita* Willd. (det. E. B. Copeland)  
 13838 all returned to Degener  
 13839 *Wormia biflora* (A. Gray) Seem.  
 13840 *Tarenna sambucina* (Forst.) Dur. (det. F. R. Fosberg)  
 13840a *Connarus Pickeringii* A. Gray  
 13841 *Saurauia rubicunda* (A. Gray) Seem.  
 13841a "Polypodium" *nigrescens* Bl. (det. E. B. Copeland)  
 13842 no specimen  
 13843 *Syzygium*  
 13844 *Ixora pubifolia* A. C. Smith (det. F. R. Fosberg)  
 13845 *Grewia crenata* (Forst.) Schinz & Guill.  
 13846 *Geophila herbacea* (Jacq.) Kuntze (det. F. R. Fosberg)  
 13847 *Medinilla heterophylla* A. Gray  
 13848 *Ficus vitiensis* Seem.  
 13849 *Casearia disticha* A. Gray  
 13850 *Casearia disticha* A. Gray  
 13851 *Litsea magnifolia* Gillespie (det. C. K. Allen)  
 13852 *Vaginularia paradoxa* (Fée) Mett. (det. E. B. Copeland)  
 13853 *Malaxis*  
 13854 *Malaxis*  
 13855 *Barringtonia*  
 13856 *Anacolosia*?  
 13857 *Cyathia propinqua* Mett. (det. E. B. Copeland)  
 13858 *Athyrium esculentum* (Retz.) Copel. (det. E. B. Copeland)  
 13859 *Humata heterophylla* (Sm.) Desv. (det. E. B. Copeland)  
 13860 *Cyclophorus lanceolatus* (L.) Alston (det. E. B. Copeland)  
 13860a *Taeniophyllum*

- Acanth.* 13861 *Dyschariste repanda* (A. Gray) A. C. Smith  
*Lam. (Rubi.)* 13862 *Lycopodium pseudophlegmaria* Kuhn (det. E. B. Copeland)  
*Just.* 13863 *Evoidia hortensis* Forst.  
*Brac.* 13864 *Elatostema australe* (Wedd.) Hall.f.  
13865 *Epipremnum pinnatum* (L.) Engl.  
13866 *Asplenium falcatum* Lam. (det. E. B. Copeland)  
13867 *Vittaria rigida* Kaulf. (det. E. B. Copeland)  
*Scap.?* 13868 *Wedelia strigulosa* (Gaud.) B. & H.f.  
13869 *Vaginularia paradoxa* (Fée) Mett. (det. E. B. Copeland)  
*Scy.* 13870 *Gonocormus minutus* (Bl.) v.d.B. (det. E. B. Copeland)  
13871 *Piper Macgillivrayi* C. DC. *correct to puberulum (Benth.) Benth. var. typicum A.C. Smith*  
13872 *Tectaria latifolia* (Forst.) Copel. (det. E. B. Copeland)  
13873 *Ophioglossum pendulum* L. (det. E. B. Copeland)  
13874 *Scyphularia pycnocarpa* (Brack.) Copel.  
*Cyfe* 13875 *Fimbristylis annua* var. *diphylla* (Retz.) Kuhn *change to Fimbristylis complanata (Retz.) Link det. O'Neill 1942*  
13876 *Doryopteris concolor* (L. & F.) Kuhn (det. E. B. Copeland)  
*Labi.* 13877 *Leucas decedentata* Sm.  
*Euph.* 13878 *Acalypha anisodonta* Muell. Arg. (det. L. Croizat)  
13879 *Pteris pacifica* Hieron. (det. E. B. Copeland)  
*Verb.* 13880 *Maoutia australis* Wedd.  
*Euph.* 13881 *Phyllanthus virgatus* Forst. (det. L. Croizat)  
*Cyfe* 13882 *Cyperus javanicus* Houtt. (det. H. O'Neill)  
*Thy.* 13883 *Ficus Barclayana* (Miq.) Summerhayes  
*Myp.* 13884 *Syzygium Richii* (A. Gray) Merr. & Perry (det. Merrill & Perry)  
13885 *Dryopteris invisa* (Forst.) Kuntze (det. E. B. Copeland)  
13886 *Cephalomanes Boryanum* (Kuntze) v.d.B. (det. E. B. Copeland)  
13887 *Dicranopteris linearis* (Burm.) Underw. (det. E. B. Copeland)  
13888 *Stenochlaena palustris* (Burm.) Bedd. (det. E. B. Copeland)  
13889 *Antrophyum alatum* Brack. (det. E. B. Copeland)  
13890 *Lycopodium cernuum* L. (det. E. B. Copeland)  
13891 *Selaginella firmula* A. Br.  
13892 *Selaginella viridangula* Spring  
13893 *Tectaria latifolia* (Forst.) Copel. (det. E. B. Copeland)  
13894 *Dipteris conjugata* Reinw. (det. E. B. Copeland)  
13895 *Asplenium amboinense* Willd. (det. E. B. Copeland)  
13896 *Microsorium accedens* (Bl.) Copel. (det. E. B. Copeland)  
13897 *Ficus Storckii* Seem.  
13898 *Saurauia rubicunda* (A. Gray) Seem.  
13899 *Cyrtandra Harveyi* Seem.  
13900 *Goodyera Waitzeana* Bl. var. *vitiensis* L. Wms. (det. L. O. Williams)  
13901 *Lummitzera littorea* (Jack) Voigt  
13902 *Dolicholobium Macgregori* Horne (det. F. R. Fosberg)  
13903 *Cypholophus heterophyllus* (Wedd.) Wedd.  
13904 *Rhynchospora corymbosa* (L.) Britton  
13905 *Fimbristylis miliacea* Vahl  
13906 *Ficus vitiensis* Seem.  
13907 *Piper insectifugum* C. DC.  
13908 *Piper Macgillivrayi* C. DC. *correct to puberulum (Benth.) Benth. var. glabrum (C. DC.) A.C. Smith*  
13909 *Leucosyke corymbulosa* (Wedd.) Wedd.  
13910 *Limnophila rugosa* (Roth) Merr.  
13911 *Lobelia zeylanica* L.  
13912 *Tropidia effusa* Rchb. f. (det. L. O. Williams)  
13913 *Ficus Pritchardii* Seem.  
13914 *Ophiorrhiza leptantha* A. Gray (det. F. R. Fosberg)

- Melas 13915 *Melastoma malabathricum* L.  
 13916 Orch.  
 Orch. ✓ 13917 *Habenaria scrotiformis* L. Wms. n. sp. (type coll.)  
 Orch. 13918 *Malaxis*  
 13919 *Psilotum nudum* (L.) Griseb. (det. E. B. Copeland)  
 ✓ 13920 *Lycopodium Phlegmaria* L. sens. lat. (det. E. B. Copeland)  
 13921 "Polypodium" vitiense Baker (det. E. B. Copeland)  
 ✓ 13922 *Pteris ensiformis* Burm. (det. E. B. Copeland)  
 ✓ 13923 *Selaginella victorise* Bull.  
 ✓ 13924 *Asplenium Carruthersii* Baker (det. E. B. Copeland)  
 13925 *Doodia media* R. Br. var. *Brackenridgei* (Carr.) Baker (det. E. B. Copeland)  
 ✓ 13926 *Pteris tripartita* Sw. (det. E. B. Copeland)  
 Myr ✓ 13927 *Syzygium corynocarpum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 ✓ 13928 *Pipturus platyphyllus* Wedd.  
 Commel 13929 *Anellema vitiense* Seem.  
 Thym 13930 *Phaleria acuminata* (A. Gray) Gilg  
 Alac 13931 *Alyxia bracteolosa* Rich var. *angustifolia* A. Gray  
 13932 *Microstegium glabratum* (Trin.) Camus (det. A. Chase)  
 Orch. ✓ 13933 *Corymborchis veratrifolia* (Reinw.) Bl. (det. L. O. Williams)  
 Myr 13934 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 ✓ 13935 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 ✓ 13936 *Mussaenda frondosa* L. (det. F. R. Fosberg) *raiafensis*  
 13937 *Epipremnum pinnatum* (L.) Engl.  
 ✓ 13938 *Trema orientalis* (L.) Bl.  
 Melas ✓ 13939 *Medinilla amoena* Seem.  
 Orch. ✓ 13940 *Dendrobium platygastrium* Rchb.f. (det. L. O. Williams)  
 ✓ 13941 *Fagraea berteriana* A. Gray  
 ✓ 13942 *Peperomia leptostachya* H. & A. (det. T. G. Yuncker)  
 ✓ 13943 *Pseuderia Smithiana* C. Schweinf. (det. L. O. Williams)  
 Alac ✓ 13944 *Cyrtosperma edule* Schott  
 ✓ 13945 *Malaxis latisepala* (Rolfe) C. Schweinf. (det. L. O. Williams)  
 ✓ 13946 *Ficus Greenwoodii* Summerhayes vel aff.  
 ✓ 13947 *Vavasa amicorum* Benth.  
 ✓ 13948 *Micromelum minutum* (Forst.) Seem.  
 ✓ 13949 *Maniltoa grandiflora* (A. Gray) Scheff.  
 13950 no specimen  
 ✓ 13951 *Laportea vitiensis* Seem.  
 ✓ 13952 *Ficus fulvo-pilosa* Summerhayes  
 13953 *Acalypha insulana* Muell. Arg. var. *glabrescens* Muell. Arg. (det. L. Croizat)  
 ✓ 13954 *Lycopodium samoanum* (Herter; *Urostachys*) (det. E. B. Copeland)  
 ✓ 13955 *Gymnosporia vitiensis* (A. Gray) Seem.  
 ✓ 13956 *Acanthophippium vitiense* L. Wms. (det. L. O. Williams)  
 ✓ 13957 *Morinda umbellata* var. *Forsteri* (Seem.) Fosb. (det. F. R. Fosberg)  
 ✓ 13957 *Calanthe furcata* Batem. ex Lindl. (det. L. O. Williams)  
 13958 no specimen  
 13959 crypt.  
 13960 *Exodietyon dentatum* (Mitt.) Card. (det. E. B. Bartram)  
 13961 *Saccolabium constrictum* Rchb.f. (det. L. O. Williams)  
 ✓ 13962 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 ✓ 13963 *Carex indica* L.  
 ✓ 13964 *Abramsia trichotoma* Gillespie (det. F. R. Fosberg)  
 ✓ 13965 *Planchonella?*  
 ✓ 13966 *Freyinetia Graeffei* Mart. (det. Merrill & Perry)  
 ✓ 13967 *Piper Macgreggii* Gray C. DC carried to *puduanum* (Benth.) Benth. var. *glabrum* (C. DC) A.C. Sm.



- 13968 *Cyrtandra microstigma* C. B. Clarke  
 13969 *Cyrtandra Harveyi* Seem.  
 13970 *Ixora pubifolia* A. C. Smith (det. F. R. Fosberg)  
 13971 *Asplenium laserpitiifolium* Lam. (det. E. B. Copeland)  
 13972 *Blechnum vittatum* Brack. (det. E. B. Copeland)  
 13973 *Tectaria tripartita* (Baker) Copel. (det. E. B. Copeland)  
 13974 *Athyrium melanocaulon* (Brack.) Milde (det. E. B. Copeland)  
 13975 *Microsorium accedens* (Bl.) Copel. (det. E. B. Copeland)  
 13976 *Crepidopteris humilis* (Forst.) Copeland (det. E. B. Copeland)  
 13977 *Asplenium bipinnatifidum* Baker (det. E. B. Copeland)  
 13978 *Cerbera manghas* L.  
 13979 *Taxithelium Kerri-anum* (Broth.) Fl. (det. E. B. Bartram)  
 13980 *Trichosteleum Boschi* (D. & M.) Jaeg. (det. E. B. Bartram)  
 13981 *Calymperes petiolatum* Bartram n. sp. (det. E. B. Bartram)  
 13982 crypt.  
 13983 *Ectropothecium tutuilum* (Sull.) Mitt. (det. E. B. Bartram)  
 13984 no specimen  
 13985 hep.  
 13986 *Barringtonia racemosa* (L.) Bl.  
 13987 *Mussaenda frondosa* L. (det. F. R. Fosberg) *raia fensis*  
 13988 *Heliconia Bihai* L.  
 13989 *Amaroria soulameoides* A. Gray  
 13990 *Lycopodium pseudophlegmaria* Kuhn  
 13991 *Selaginella*  
 13992 *Amorphophallus campanulatus* (Roxb.) Bl.  
 13993 *Barringtonia edulis* Seem.  
 13994 no specimen  
 13995 *Tacca pinnatifida* Forst.  
 13996 *Tacca pinnatifida* Forst.  
 13997 *Maoutia australis* Wedd.  
 13998 *Pittosporum rhytidocarpum* A. Gray 11/6/41  
 13999 *Psychotria taviunensis* Gillespie (det. F. R. Fosberg)  
 14000 *Calymperes moluccense* Schwaegr. (det. E. B. Bartram)  
 14001 crypt.  
 14002 *Leucophanes candidum* (Hsch.) Lindb.  
 14003 crypt.  
 14004 *Elatostema insulare* A. C. Smith  
 14005 *Readea membranacea* Gillespie (det. F. R. Fosberg)  
 14006 *Medusanthera vitiensis* Seem. (det. F. R. Fosberg)  
 14007 *Citronella vitiensis* Howard (type collection)  
 14008 *Ophiorrhiza leptantha* A. Gray (det. F. R. Fosberg)  
 14009 *Liparis*  
 14010 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 14011 *Heliconia Bihai* L.  
 14012 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 14013 *Citrus macroptera* Montr. (det. W. T. Swingle)  
 14014 *Hoya diptera* Seem.  
 14015 *Psychotria Pritchardii* Seem. (det. F. R. Fosberg)  
 14016 *Ficus Pritchardii* Seem.  
 14017 *Pandanus* - not kept  
 14018 *Pogostemon Cablin* (Blanco) Benth.  
 14019 *Polyscias multijuga* (A. Gray) Harms  
 14020 *Ficus begoniifolia* Summerhayes  
 14021 *Ophiorrhiza peplodes* A. Gray (det. F. R. Fosberg)

- 14022 *Alstonia costata* (Forst.) R.Br.  
 14023 *Symplocos leptophylla* (Brand) Turrill  
 14024 *Couthovia corynocarpa* A. Gray  
 14025 *Acalypha insulana* Muell. Arg. var. *glabrescens* Muell. Arg. (det. L. Croizat)  
 14026 *Calanthe*  
 14027 *Geniostoma macrophyllum* Gillespie  
 14028 *Ficus fulvo-pilosa* Summerhayes  
 14029 crypt.  
 14030 *Syzygium malaccense* (L.) Merr. & Perry (det. Merrill & Perry)  
 14031 *Hedycarya dorstenioides* A. Gray ("H. sinuato-dentata" Perk.)  
 14032 *Phaleria glabra* (Turrill) Domke  
 14033 *Leea indica* (Burm. f.) Merr.  
 14034 *Geissois ternata* A. Gray  
 14035 *Phaleria glabra* (Turrill) Domke  
 14036 *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)  
 14037 *Panicum oxyphyllum* Hochst. (det. A. Chase)  
 14038 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 14039 *Syzygium Grayi* (Seem.) Merr. & Perry  
 14040 *Commersonia bartramia* (L.) Merr.  
 14041 *Ectropothecium tutuilum* (Sull.) Mitt.? (det. E. B. Bartram)  
 14042 crypt.  
 14043 *Alpinia Parksii* (Gillespie) A. C. Sm.  
 14044 *Histiopteris incisa* (Thunb.) J. Sm. (det. E. B. Copeland)  
 14045 *Dichapetalum vitiense* (Seem.) Engl.  
 14046 *Blechnum orientale* L. (det. E. B. Copeland)  
 14047 *Calanthe*  
 14048 *Barringtonia racemosa* (L.) Bl.  
 14049 *Parinarium insularum* A. Gray  
 14050 *Endospermum macrophyllum* (Muell. Arg.) Pax & Hoffm. (det. L. Croizat)  
 14051 *Hedycarya dorstenioides* A. Gray  
 14052 *Aleurites moluccana* (L.) Willd. (det. L. Croizat)  
 14053 *Grewia crenata* (Forst.) Schinz & Guill.  
 14054 *Leucobryum pentastichum* Bry. Jav. (det. E. B. Bartram)  
 14055 *Salacia vitiensis* A. C. Smith  
 14056 *Hedycarya dorstenioides* A. Gray  
 14057 *Acacia simplicifolia* (L.f.) Druce  
 14058 *Vitex trifolia* var. *bicolor* (Willd.) Moldenke (det. H. N. Moldenke)  
 14059 no specimen  
 14060 *Maoutia australis* Wedd.  
 14061 *Casuarina nodiflora* Forst.  
 14062 *Croton* cf. *Storckii* Seem. (det. L. Croizat)  
 14063 *Joinvillea elegans* Gaud.  
 14064 *Selenodesmium dentatum* (v.d.B.) Copel. (det. E. B. Copeland)  
 14065 *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)  
 14066 *Dryopteris Brackenridgei* (Mett.) Kuntze (det. E. B. Copeland)  
 14067 *Tapeinidium longipinnulum* (Ces.) C. Chr. (det. E. B. Copeland)  
 14068 *Athyrium bulbiferum* (Brack.) Copel. (det. E. B. Copeland)  
 14069 *Lindsaya tenuifolia* Bl. (det. E. B. Copeland)  
 14070 *Taenitis blechnoides* (Willd.) Sw. (det. E. B. Copeland)  
 14071 *Schizoloma ensifolium* (Sw.) J. Sm. (det. E. B. Copeland)  
 14072 *Cephalomanes Boryanum* (Kuntze) v.d.B. (det. E. B. Copeland)  
 14073 *Flagellaria indica* L.  
 14074 *Vitiphoenix sessilifolia* Burret  
 14075 *Balaka cuneata* Burret



- 14076 *Cryptostylis vitiensis* Schltr.  
 14077 *Andruris vitiensis* (A. C. Sm.) Giesen  
 14078 *Acacia Richii* A. Gray 1/12/42  
 14079 *Amaroria soulameoides* A. Gray  
 14080 *Melastoma malabathricum* L.  
 14081 *Polyscias multijuga* (A. Gray) Harms  
 14082 *Couthovia corynocarpa* A. Gray  
 14083 *Alpinia Bola* Seem.  
 14084 *Aglaia elegans* Gillespie  
 14085 *Tropidia effusa* Rechb.f. (det. L. O. Williams)  
 14086 *Malaxis aff. longifolia* (Rolfe) L. Wms. (L. O. Williams)  
 14086a *Habenaria*  
 14087 no specimen  
 14088 *Cyrtandra Harveyi* Seem.  
 14089 *Gnetum gnemon* L. var. *domesticum* (Rumph.) Mgf.  
 14090 *Ficus Storckii* Seem.  
 14091 *Tectaria fruticosa* (L.) Mett. *Cordy line*  
 14092 *Psychotria fuscans* Fosb. (det. F. R. Fosberg)  
 14093 *Syzygium simillimum* Merr. & Perry (type coll.)  
 14094 *Claoxylon vitiense* Gillespie (det. L. Croizat)  
 14095 *Ixora maxima* Seem. (det. F. R. Fosberg)  
 14096 *Piper Degeneri* A. C. Smith (type coll.)  
 14097 *Psychotria Pritchardii* Seem. (det. F. R. Fosberg)  
 14098 *Elatostachys falcata* (A. Gray) Radlk.  
 14099 *Vavaea megaphylla* Wright  
 14100 *Parinarium glaberrimum* Hassk.  
 14101 *Ixora Harveyi* (A. Gray) A. C. Smith (det. F. R. Fosberg)  
 14102 *Maesa samoana* Mez  
 14103 *Hedycarya dorstenioides* A. Gray  
 14104 *Geniostoma vitiense* Gilg & Benedict  
 14105 *Cyperus Haspan* L. (det. H. O'Neill)  
 14106 *Scleria lithosperma* (L.) Sw.  
 14107 no specimen  
 14108 *Psychotria Imthurnii* Turrill (det. F. R. Fosberg)  
 14109 *Dysoxylum Hornei* Gillespie  
 14110 *Pleogynium Solandri* (Benth.) Engl.  
 14111 *Pittosporum rhytidocarpum* A. Gray 1/12/41  
 14112 *Ixora vitiensis* A. Gray (det. F. R. Fosberg)  
 14113 *Brackenridgea nitida* A. Gray  
 14114 no specimen  
 14115 *Glochidion amentuligerum* (Muell. Arg.) Croizat (det. L. Croizat)  
 14116 no specimen  
 14117 no specimen  
 14118 *Randia vitiensis* (Seem.) Fosb. (det. F. R. Fosberg)  
 14119 *Glochidion ramiflorum* Forst. (det. L. Croizat)  
 14120 *Memecylon vitiense* A. Gray  
 14120a *Kermadecia vitiensis* Turrill  
 14121 *Phaleria acuminata* (A. Gray) Gilg  
 14122 *Taxithelium Kerrianum* (Broth.) Fl. (det. E. B. Bartram)  
 14123 *Syrrhopodon mamillatus* C. M. (det. E. B. Bartram)  
 14124 *Syrrhopodon mamillatus* C. M. (det. E. B. Bartram)  
 14125 *Couthovia pachyantha* A. C. Smith (type coll.)  
 14126 crypt.  
 14127 *Casuarina equisetifolia* Forst.  
 14128 *Casuarina nodiflora* Forst.  
 14129 *Tacca macculata* Seem.

- ✓ 14130 *Wedelia strigulosa* (Gaud.) B. & H.f.
- ✓ 14131 *Erodia hortensis* Forst.
- ✓ 14132 *Ophiorrhiza peploides* A. Gray (det. F. R. Fosberg)
- ✓ 14133 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)
- ✓ 14134 *Myristica chartacea* Gillespie
- ✓ 14135 *Dipteris conjugata* Reinw. (det. E. B. Copeland)
- ✓ 14136 *Pteris pacifica* Hieron. (det. E.B. Copeland)
- ✓ 14137 *Selenodesmium dentatum* (v.d.A.) Copel. (det. E.B. Copeland)
- ✓ 14138 *Schizoloma ensifolium* (Sw.) J. Sm. (det. E. B. Copeland)
- ✓ 14139 *Lindsaya decomposita* Willd. (det. E. B. Copeland)
- ✓ 14140 *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)
- ✓ 14141 *Syngnema pinnata* J. Sm. (det. E. B. Copeland)
- ✓ 14142 *Tectaria latifolia* (Forst.) Copel. (det. E. B. Copeland)
- ✓ 14143 *Athyrium bulbiferum* (Brack.) Copel. (det. E. B. Copeland)
- ✓ 14144 *Schizaea digitata* (L.) Sw. (det. E. B. Copeland)
- ✓ 14145 *Asplenium falcatum* Lam. (det. E. B. Copeland)
- ✓ 14146 *Cyathea extensa* (Forst.) Sw. (det. E. B. Copeland)
- ✓ 14147 *Vittaria rigida* Kaulf. (det. E. B. Copeland)
- ✓ 14148 *Vaginularia paradoxa* (Fée) Mett. "
- ✓ 14149 *Panicum trigonum* Retz. (det. A. Chase)
- ✓ 14150 *Cyperus Seemannianus* Boeck. (det. H. O'Neill)
- ✓ 14151 *Dendrobium platygastrium* Rchb. f. (det. L. O. Williams)
- ✓ 14152 *Guetarda speciosa* L. (det. F. R. Fosberg)
- ✓ 14153 *Maesa persicaefolia* A. Gray
- ✓ 14154 *Clerodendrum inerme* (L.) Gaertn. (det. H. N. Moldenke)
- ✓ 14155 *Myristica Gillespieana* A. C. Sm.
- ✓ 14156 *Piper Macgillivrayi* C. DC. *var. rubrum* (Roth) Benth. *var. glabrum* (C. DC.) A.C. Sm.
- ✓ 14157 *Desmodium heterocarpum* (L.) DC.
- ✓ 14158 *Vavaea amicorum* Benth.
- ✓ 14159 *Saccolabium constrictum* Rchb. f. (det. L. O. Williams)
- ✓ 14160 *Canthium odoratum* (Forst.) Seem. (det. F. R. Fosberg)
- ✓ 14160a *Codiaeum variegatum* (L.) Bl. var. *moluccanum* Muell. Arg. (det. L. Croizat)
- ✓ 14161 *Syzygium Grayi* (Seem.) Merr. & Perry (det. Merrill & Perry)
- ✓ 14162 *Bulbophyllum longiflorum* Thou. (det. L. O. Williams)
- ✓ 14163 *Terminalia Catappa* L.
- ✓ 14164 *Ixora vitiensis* A. Gray (det. F. R. Fosberg)
- ✓ 14165 *Pemphis acidula* Forst.
- ✓ 14166 *Oberonia heliophila* Rchb. f. (det. L. O. Williams)
- ✓ 14167 *Guioa subfalcata* Radlk.
- ✓ 14168 *Canavalia microcarpa* (DC.) Piper
- ✓ 14169 *Tarenna sambucina* (Forst.) Dur. (det. F. R. Fosberg)
- ✓ 14170 *Gymnosporia vitiensis* (A. Gray) Seem. *Gymnosporia* sp.
- ✓ 14171 *Pseuderia Smithiana* C. Schweinf. (det. L. O. Williams)
- ✓ 14172 *Claoxylon parvicoccum* Croizat
- ✓ 14173 *Aleurites moluccana* (L.) Willd. (det. L. Croizat)
- ✓ 14174 no specimen
- ✓ 14175 *Grewia crenata* (Forst.) Schinz & Guill.
- ✓ 14176 *Elatostema vitiense* (Wedd.) A.C. Smith
- ✓ 14177 *Malaxis latisegmenta* C. Schweinf. (Det. L. O. Williams)
- ✓ 14178 *Pongamia pinnata* (L.) Merr.
- ✓ 14179 *Leucaena Forsteri* Benth.
- ✓ 14180 *Epipremnum pinnatum* (L.) Engl.
- ✓ 14181 *Dysoxylum Richii* (A. Gray) C. DC.?
- ✓ 14182 *Agatea violaris* A. Gray
- ✓ 14183 *Premna taitensis* var. *rimatarensis* F. H. Br. (det. H. N. Moldenke)
- ✓ 14184 *Casearia disticha* A. Gray
- ✓ 14185 *Mussaenda frendosa* L. (det. F. R. Fosberg) *raiafensis*
- ✓ 14186 *Gyrocarpus americanus* Jacq.
- ✓ 14187 *Hernandia ovigera* L.
- ✓ 14188 *Cathayanthus roseus* (L.) G. Don

{to be continued?}

- 14189 *Pemphis acidula* Forst.  
 14190 *Tournefortia argentea* (L. f.) *Messerschmidia*  
 14191 *Clerodendrum inerme* (L.) Gaertn. (det. H. N. Moldenke)  
 14192 *Guettarda speciosa* L. (det. F. R. Fosberg)  
 14193 *Turnera ulmifolia* L.  
 14194 *Evodia cucullata* Gillespie  
 14195 *Vavaea amicorum* Benth.  
 14196 *Diospyros ferrea* var. *subimpressa* Fosb. (det. F. R. Fosberg)  
 14197 *Ficus Greenwoodii* Summerhayes  
 14198 *Phaleria acuminata* (A. Gray) Gilg  
 14199 *Leea indica* (Burm.f.) Merr.  
 14200 *Agatea violaris* A. Gray  
 14200a *Cypholophus heterophyllus* (Wedd.) Wedd.  
 14201 *Strongylodon lucidus* (Forst.) Seem.  
 14202 *Graptophyllum insularum* (A. Gray) A. C. Smith  
 14203 *Laportea Milnei* Seem.?  
 14204 *Imperata cylindrica* (L.) Beauv. (det. A. Chase)  
 14204a *Scleria lithosperma* (L.) Sw.  
 14205 *Dodonaea viscosa* (L.) Jacq. var. *linearis f. angustifolia*  
 14206 *Achyranthes aspera* L.  
 14207 *Pteris ensiformis* Burm. (det. E. B. Copeland)  
 14208 *Diospyros lateriflora* (Hiern) Bakh. (det. F. R. Fosberg)  
 14209 *Dryopteris*  
 14210 *Athyrium bulbiferum* (Brack.) Copel. (det. E. B. Copeland)  
 14211 *Cuscuta campestris* Yuncker (det. T. G. Yuncker)  
 14212 *Stachytarpheta urticaefolia* (Salisb.) Sims (det. H. N. Moldenke)  
 14213 *Selaginella distans* Warb.  
 14214 *Selaginella firmula* A. Br.  
 14215 *Ixora vitiensis* A. Gray (det. F. R. Fosberg)  
 14216 *Ophiorrhiza peploides* A. Gray (det. F. R. Fosberg)  
 14217 *Eugenia rariflora* Benth. (det. Merrill & Perry)  
 14218 *Citrus macroptera* Montr. (det. W. T. Swingle)  
 14219 *Syzygium corynocarpum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 14220 *Cyperus polystachyos* Rottb. (det. H. O'Neill)  
 14221 *Fimbristylis annua* var. *diphylla* (Retz.) Kuhn.  
 14222 no specimen  
 14223 *Cyperus difformis* L. (det. H. O'Neill)  
 14224 *Fimbristylis monostachya* Hassk.  
 14225 *Sida rhombifolia* L.  
 14226 *Doryopteris concolor* (L. & F.) Kuhn (det. E. B. Copeland)  
 14227 *Epipremnum pinnatum* (L.) Engl.  
 14228 *Sophora tomentosa* L.  
 14229 *Ficus Smithii* Horne  
 14230 *Pipturus platyphyllus* Wedd.  
 14230a *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)  
 14231 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 14232 *Alphitonia zizyphoides* (Spreng.) A. Gray  
 14233 *Geniostoma vitiense* Gilg & Benedict  
 14234 *Urena lobata* L.  
 14235 *Phaleria acuminata* (A. Gray) Gilg  
 14236 *Grewia crenata* (Forst.) Schinz & Guill.  
 14237 *Leea indica* (Burm.f.) Merr.  
 14238 *Ximenia americana* L.  
 14239 *Jasminum simplicifolium* Forst. (det. C. E. Kobuski)  
 14240 *Antirrhoea inconspicua* (Seem.) Christoph. (det. F. R. Fosberg)  
 14241 *Psychotria platycoeca* A. Gray (det. F. R. Fosberg)  
 14242 *Elattostachys falcata* (A. Gray) Radlk.



- Ranunc.* 14243 *Clematis Pickeringii* A. Gray  
 14244 *Psilotum nudum* (L.) Griseb. (det. E. B. Copeland)  
*Nymphaea* 14245 *Planchonella costata* (Endl.) Pierre (det. C. Gilly)  
*Melast.* 14245a *Xylocarpus moluccensis* (Lam.) Roem.  
*Art.* 14246 *Laportea Milnei* Seem.?  
*Euphorb.* 14247 *Excoecaria agallocha* L. (det. L. Croizat)  
*Rut.* 14248 *Micromelum minutum* (Forst.) Seem.  
*Gyner.* 14249 *Scirpodendron Ghaeri* (Gaertn.) Merr.  
 14250 *Dryopteris Prenticei* (Carr.) Kuntze (det. E. B. Copeland)  
 14251 Crypt.  
 14251a Crypt.  
 14252 Crypt.  
 14253 Crypt.  
 14254 Crypt.  
 14255 *Alyxia*  
*Mar.* 14256 *Heritiera littoralis* Dry.  
*Leg.* 14257 *Fagraea Berteriana* A. Gray  
*Rubi.* 14258 *Guettarda speciosa* L. (det. F. R. Fosberg)  
 14259 Crypt.  
 14260 Crypt.  
 14261 Crypt.  
*Cyc.* 14262 *Cycas circinalis* L. subsp. *Seemannii* (A. Braun) Schuster  
*Leg.* 14262a *Uraria lagopodioides* (L.) Desv.  
*Mor.* 14263 *Ficus vitiensis* Seem.  
 14264 *Thyridium luteum* Mitt. (det. E. B. Bartram)  
*Cyper.* 14265 *Geissois Imthurnii* Turill  
*Melast.* 14266 *Clidemia hirta* (L.) D. Don  
*Melast.* 14267 *Dysoxylum Hornei* Gillespie  
*Sol.* 14268 *Solanum torvum* Sw.  
*Mor.* 14269 *Rapanea myricifolia* (A. Gray) Mez  
*Sapind.* 14270 *Rhus taitensis* Guill.  
 14271 *Nephrolepis hirsutula* (Forst.) Presl (det. E. B. Copeland)  
*Trapa* 14272 *Podocarpus nerifolia* D. Don  
*Myrt.* 14272a *Syzygium Seemannianum* Merr. & Perry (det. Merrill & Perry) (*Eugenia rivularis* Seem.)  
 14273 *Dryopteris*  
*Aral.* 14274 *Plerandra Pickeringii* A. Gray  
 14275 Crypt.  
 14276 *Vesicularia caladietyon* (C. M.) Broth. (det. E. B. Bartram)  
 14277 Crypt.  
 14278 *Dryopteris Harveyi* (Mett.) Kuntze (det. E. B. Copeland)  
 14279 *Oleandra Parksii* Copel. (det. E. B. Copeland)  
*Rubi.* 14280 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
*Mor.* 14281 *Hedyocarya dorstenioides* A. Gray  
*Rubi.* 14282 *Evodia vatiana* Setch.?  
*Mel.* 14283 *Vavaea amicorum* Benth.  
*Clas.* 14284 *Jasminum didymum* Forst. (det. C. E. Kobuski)  
*Clas.* 14285 *Jasminum simplicifolium* Forst. (det. C. E. Kobuski)  
*Euphorb.* 14286 *Acalypha rivularis* Seem. (det. L. Croizat)  
*Orch.* 14287 *Liparis*  
*Mor.* 14288 *Ficus Pritchardii* Seem.  
*Rubi.* 14289 *Smilax vitiensis* (Seem.) A. DC.  
*Orch.* 14290 *Galanthe alta* Rehb.f. (det. L. O. Williams)  
 14291 *Phymatodes Scolopendria* (Burm.) Ching (det. E. B. Copeland)  
*Clas.* 14292 *Gymnosporia vitiensis* (A. Gray) Seem.  
*Ar.* 14293 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 14294 *Athyrium melanocaulon* (Brack.) Milde (det. E. B. Copeland)  
*Rubi.* 14295 *Gouania Richii* A. Gray  
*Clas.* 14296 *Gymnosporia vitiensis* (A. Gray) Seem.



- Euph.* 14297 *Bischofia javanica* Bl. (det. L. Croizat)  
*Euph.* 14298 *Glochidion ramiflorum* Forst. (det. L. Croizat)  
*Bod.* 14299 *Dodonaea viscosa* (L.) Jacq.  
14300 *Trilocularia vitiensis* A. C. Smith  
*Ch. (Cav.)* 14301 *Trichospermum Richii* (A. Gray) Seem.  
*Rub.* 14302 *Rubus moluccanus* L.  
*Scrog.* 14303 *Dioscorea bulbifera* L.  
*Accl.* 14304 *Hoya vitiensis* Turrill  
*Jil.* 14305 *Grewia vitiensis* Turrill  
*Put.* 14306 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
*Mus.* 14307 *Embelia gracilis* Turrill  
*Lad.* 14308 *Mucuna platyphylla* A. Gray  
*Orch.* 14309 *Flagellaria gigantea* Hook. f.  
*Brach.* 14310 *Bulbophyllum rostriceps* Rehb.f. (det. L. O. Williams)  
*Rub.* 14311 *Cryptocarya Degeneri* Allen (det. C. K. Allen)  
*Sc.* 14312 *Isachne vitiensis* Rendle (det. A. Chase)  
*Yucca* 14313 *Alphitonia franguloides* A. Gray  
*Leg.* 14314 *Geniostoma stenocarpum* A. C. Smith  
*Tax.* 14315 *Podocarpus imbricata* Bl.  
14316 *Doodia media* R. Br. (det. E. B. Copeland)  
*Rub.* 14317 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
*Pil.* 14318 *Smilax vitiensis* (Seem.) A. DC.  
*Simar.* 14319 *Amaroria soulameoides* A. Gray  
*Pitt.* 14320 *Pittosporum rhytidocarpum* A. Gray  
*Orch.* 14321 *Habenaria cynosorchidacea* C. Schweinf. (det. L. O. Williams)  
*Ulm.* 14322 *Celtis ~~Harperti~~ *Homeri* *vitiensis* A.C.S.M. (type collection)*  
*Rub.* 14323 *Morinda umbellata* var. *Forsteri* (Seem.) Fosb. (det. F. R. Fosberg)  
*Sol.* 14324 *Solanum inamoenum* Benth.  
*Pitt.* 14325 *Pittosporum arborescens* Rich.  
*Mel.* 14326 *Melastoma denticulatum* Labill.  
*Urt.* 14327 *Boehmeria virgata* (Forst.f.) Guillem.  
*Urt.* 14328 *Elatostema Archboldianum* A. C. Smith  
14329 *Lomagramma polyphylla* Brack. (det. E. B. Copeland)  
14330 *Blechnum lanceolatum* (R. Br.) Sturm (det. E. B. Copeland)  
*Rub.* 14331 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
*Bod.* 14332 *Dodonaea viscosa* (L.) Jacq.  
*Accl.* 14333 *Hoya diptera* Seem.  
*Mel.* 14334 *Aglala vitiensis* A. C. Smith  
*Rub.* 14335 *Ixora elegans* Gillespie (det. F. R. Fosberg)  
*Leg.* 14336 *Cyrtandra Desvieuxii* Horne  
*Rub.* 14337 *Psychotria griseifolia* S. Moore (det. F. R. Fosberg)  
*Euph.* 14337 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)  
*Rub.* 14338 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
14339 no specimen  
14340 Orch.  
14341 *Asplenium remotum* Moore (det. E. B. Copeland)  
14342 *Microsorium linguaeforme* (Mett.) Copel. (det. E. B. Copeland)  
14343 *Asplenium remotum* Moore (det. E. B. Copeland)  
14344 *Coniogramme fraxinea* (Don) Diels (det. E. B. Copeland)  
14345 *Callistopteris apiifolia* (Presl) Copel. (det. E. B. Copeland)  
14346 *Vandenboschia maxima* (Bl.) Copel. (det. E. B. Copeland)  
14347 *Asplenium tenerum* Forst. (det. E. B. Copeland)  
14348 no specimen  
14349 *Arthropteris obliterata* (R. Br.) J. Sm. (det. E. B. Copeland)  
14349a *Athyrium melanocaulon* (Brack.) Milde (det. E. B. Copeland)  
14350 *Tectaria decurrens* (Presl) Copel. (det. E. B. Copeland)  
14351 *Campium lonchophorum* (Kunze) Copeland (det. E. B. Copeland)

- Mus 14352 *Heliconia Bihai* L.  
 14353 *Alpinia Boia* Seem.  
 Unt 14354 *Procris Archboldiana* A. C. Smith (type coll.)  
 14355 no specimen  
 Tel 14356 *Grewia crenata* (Forst.) Schinz & Guill.  
 Pap 14357 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 Med 14358 *Medinilla heterophylla* A. Gray  
 14359 no specimen  
 Pap 14360 *Piper Timothianum* A. C. Smith  
 Pap 14361 *Piper Macgillivrayi* C. DC.  
 Pap 14362 *Psychotria carnea* (Forst.) A. C. Smith (det. F. R. Fosberg)  
 14363 *Taetsia fruticosa* (L.) Merr.  
 14364 *Smilax vitiensis* (Seem.) A. DC.  
 14365 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 14366 *Medinilla Archboldiana* A. C. Smith (type coll.)  
 14367 *Agatea violaris* A. Gray  
 14368 *Piper insectifugum* C. DC.  
 14369 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 Log 14370 *Couthovia collina* A. C. Smith  
 14371 Orch.  
 14372 *Phreatia stenostachya* (Rchb. f.) Kraenzl. (det. L. O. Williams)  
 14372a *Phreatia*  
 14373 *Zeuxine stricta* (Rolfe) L. Wms. (det. L. O. Williams)  
 14374 *Aglaia Greenwoodii* A. C. Smith  
 14375 *Maesa samoana* Mez  
 14376 *Discocalyx fusca* Gibbs  
 14377 *Hedycarya dorstenioides* A. Gray  
 14378 *Psychotria serpens* var. *parvula* (A. Gray) Fosb. (det. F. R. Fosberg)  
 14379 *Weinmannia Richii* A. Gray  
 14380 *Plerandra vitiensis* (Seem.) Baill.  
 14381 *Fagraea Berteriana* A. Gray  
 14382 *Alphitonia franguloides* A. Gray  
 14383 *Oplismenus compositus* (L.) Beauv. (det. A. Chase)  
 14384 *Oplismenus undulatifolius* (Ard.) Roem. & Schult. (det. A. Chase)  
 14385 *Vavaea amicorum* Benth.  
 14385a *Oxymitra monosperma* (A. Gray) A. C. Smith  
 14386 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 14387 *Agathis vitiensis* (Seem.) B. & H.f.  
 14388 *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)  
 14389 *Psychotria pubiflora* (A. Gray) Fosb. (det. F. R. Fosberg)  
 14390 *Taetsia fruticosa* (L.) Merr.  
 14391 *Grewia crenata* (Forst.) Schinz & Guill.  
 14392 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
 14393 *Evodia cucullata* Gillespie  
 14394 *Morinda umbellata* var. *Forsteri* (Seem.) Fosb. (det. F. R. Fosberg)  
 14395 *Psychotria platycocca* A. Gray? (det. F. R. Fosberg)  
 14396 *Alstonia plumosa* Labill.  
 14397 *Saurauia rubicunda* (A. Gray) Seem.  
 14398 *Guioa chrysea* A. C. Smith (type coll.)  
 14399 *Pittosporum rhytidocarpum* A. Gray  
 14400 *Hymenolepis mucronata* Fée (det. E. B. Copeland)  
 14401 *Scyphularia pycnocarpa* (Brack.) Copel. (det. E. B. Copeland)  
 14402 *Humata botrychioides* Brack. (det. E. B. Copeland)  
 14403 *Agatea violaris* A. Gray

- 14404 Schizaea dichotoma (L.) Sm. (det. E. B. Copeland)  
 Euph 14405 Glochidion Seemannii Muell. Arg. (det. L. Croizat)  
 Euph 14406 Glochidion anfractuosum Gibbs (det. L. Croizat)  
 14407 Athyrium javanicum (Bl.) Copel. (det. E. B. Copeland)  
 14408 Athyrium maximum (Don) Copel. sens. lat. (det. E. B. Copeland)  
 Mel 14409 Memecylon vitiense A. Gray  
 14410 Campium rivulare (Brack.) Copel. (det. E. B. Copeland)  
 14411 Campium lonchophorum (Kunze) Copel. (det. E. B. Copeland)  
 14412 Dryopteris magnifica Copel. (det. E. B. Copeland)  
 14413 Asplenium bipinnatifidum Baker (det. E. B. Copeland)  
 14414 Athyrium triplinatifidum Copel. (det. E. B. Copeland)  
 14415 Athyrium melanocaulon (Brack.) Milde (det. E. B. Copeland)  
 14416 Asplenium cuneatum Lam. (det. E. B. Copeland)  
 14417 Pteris decussata J. Sm. (det. E. B. Copeland)  
 Mel 14418 Selaginella viridangula Spring  
 14419 Dysoxylum Hornei Gillespie  
 14419a Asplenium tenerum Forst. (det. E. B. Copeland)  
 Pitt 14420 Pittosporum arborescens Rich  
 Wrt. 14421 Maoutia australis Wedd.  
 14422 Asplenium excisum Presl (det. E. B. Copeland)  
 Paul 14423 Dolicholobium oblongifolium var. Degeneri Fosb. (det. F. R. Fosberg)  
 Alag 14424 Alstonia montana Turrill  
 Myrt 14425 Metrosideros collina var. glaberrima A. Gray (det. Merrill & Perry)  
 14426 no specimen  
 Pitt 14427 Pittosporum arborescens Rich  
 Pitt 14428 Ixora amplexicaulis Gillespie (det. F. R. Fosberg)  
 Wrt 14429 Elatostema Archboldianum A. C. Smith (type collection)  
 Pitt 14430 Pittosporum Pickeringii A. Gray  
 14431 Ficus Pritchardii Seem.  
 Wrt 14432 Ficus  
 Myrt 14433 Syzygium gracilipes (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 Eben 14434 Diospyros ferrea var. nandarivatensis (Gillespie) Fosb. (det. F. R. Fosberg)  
 Myr 14435 Ficus obliqua Forst.  
 Vrt 14436 Leea indica (Burm.f.) Merr.  
 Myrt 14437 Tapeinosperma Hornei Mez  
 Wrt 14438 Gironniera celtidifolia Gaud.  
 14439 Schizaea dichotoma (L.) Sm. (det. E. B. Copeland)  
 Orch 14440 Calanthe alta Rehb.f. (det. L. O. Williams)  
 Orch 14441 Erythroxys oxyglossa Schltr. (det. L. O. Williams)  
 Orch 14442 Malaxis  
 Orch 14443 Zeuxine stricta (Rolfe) L. Wms. (det. L. O. Williams)  
 Orch 14444 Sarcanthus  
 Orch 14445 Phreatia stenostachya (Rehb. f.) Kraenzl. (det. L. O. Williams)  
 Paul 14446 Psychotria pubiflora (A. Gray) Fosb. (det. F. R. Fosberg)  
 Paul 14447 Psychotria Degeneri Fosb. (det. F. R. Fosberg)  
 Paul 14448 Psychotria tetragona Seem. (det. F. R. Fosberg)  
 Myrt 14449 Discocalyx divaricata Gillespie  
 Pitt 14450 Psychotria furcans Fosb. (type coll.)  
 Paul 14451 Readea membranacea Gillespie (det. F. R. Fosberg)  
 Paul 14452 Psychotria carnea (Forst.) A. C. Smith (det. F. R. Fosberg)  
 Myrt 14453 Syzygium corynocarpum (A. Gray) C. Muell. (det. Merrill & Perry)  
 14454 no specimen  
 Myrt 14455 Syzygium Grayi (Seem.) Merr. & Perry (det. Merrill & Perry)



- Rub- 14456 Psychotria tephrosantha A. Gray (det. F. R. Fosberg)  
 14457 Sellignea feeioides Copel. (det. E. B. Copeland)  
 Camp 14457a Hymenolepis mucronata Fée  
 14458 Polyscias corticata Gibbs  
 14459 Peperomia lasiostigma C. DC. (det. T. G. Yuncker)  
 14460 Peperomia nandalana Yuncker (det. T. G. Yuncker)  
 14461 Medinilla amoena Seem.  
 14462 Pipturus argenteus var. lanosus Skottsb.  
 14463 Calanthe alta Rchb. f. (det. L. O. Williams)  
 14464 Pittosporum arborescens Rich  
 14465 crypt.  
 14466 Barbula inflexa (Duby) C. M. (det. E. B. Bartram)  
 14467 crypt.  
 14468 crypt.  
 14469 Macromitrium incurvifolium Schwaegr. (det. E. B. Bartram)  
 14469.1 Euptychium setigerum (Sull.) Broth. (det. E. B. Bartram)  
 14469.2 Euptychium vitiense Dix. (det. E. B. Bartram)  
 14470 Ectropothecium cyathothecium (C. M.) Jaeg. (det. E. B. Bartram)  
 14470.1 Vesicularia reticulata (D. & M.) Broth. (det. E. B. Bartram)  
 14471 Philonotis revoluta Bry. Jav. (det. E. B. Bartram)  
 14471.1 Thuidium samoanum Mitt.? (det. E. B. Bartram)  
 14472 Neckeropsis Lepineana (Mont.) Fl. (det. E. B. Bartram)  
 14473 crypt.  
 14474 crypt.  
 14475 Barbula inflexa (Duby) C. M. (det. E. B. Bartram)  
 14476 crypt.  
 14477 no specimen  
 14478 Tectaria Degeneri Copel. (type coll.)  
 14479 Asplenium remotum Moore (det. E. B. Copeland)  
 14480 Selaginella  
 14481 Vitex quinata (Lour.) F. N. Will. (det. H. N. Moldenke)  
 14482 Acalypha laevifolia Muell. Arg. (det. L. Croizat)  
 14483 Podocarpus vitiensis Seem.  
 14484 no specimen  
 14485 crypt.  
 14486 Ectropothecium cyathothecium (C. M.) Jaeg. (det. E. B. Bartram)  
 14487 Rhizogonium spiniforme (Hedw.) Bruch. f. samoana Mitt. (det. E. B. Bartram)  
 14488 hep.  
 14489 Rhizogonium setosum Mitt. (det. E. B. Bartram)  
 14490 Octoblepharum albidum Hedw. (det. E. B. Bartram)  
 14490.1 Syrrhopogon Banksii C. M. (det. E. B. Bartram)  
 14491 crypt.  
 14492 Pogonatum Graeffeanum (C. M.) Jaeg. (det. E. B. Bartram)  
 14493 Citrus grandis (L.) Osb. (det. W. T. Swingle)  
 14494 Ficus obliqua Forst.  
 14495 Metrosideros collina - toward var. glaberrima A. Gray (det. Merrill & Perry)  
 14496 Podocarpus vitiensis Seem.  
 14497 Bulbophyllum  
 14497a Phreatia stenostachya (Rchb.f.) Kraenzl. (det. L. O. Williams)  
 14498 Phreatia Graeffei Kraenzl. (det. L. O. Williams)  
 14499 Habenaria tradescantifolia Rchb. f. var. major L. Wms. (det. L. O. Williams)  
 14500 Leucosyke corymbulosa (Wedd.) Wedd.  
 14501 Asplenium gibberosum (Forst.) Mett.  
 14502 Asplenium remotum Moore (det. E. B. Copeland)



- ✓14503 *Amylotheca insularum* (A. Gray) Danser  
 ✓14504 *Malaxis latiseptala* (Rolfe) C. Schweinf. (det. L. O. Williams)  
 ✓14505 *Aglaia axillaris* A. C. Smith (type coll.)  
 ✓14506 *Aglaia Archboldiana* A. C. Smith  
 ✓14507 *Ophiorrhiza laxa* A. Gray (det. F. R. Fosberg)  
 ✓14508 *Tylophora Brackenridgei* A. Gray  
 14509 *Procris pedunculata* var. *ornata* A. C. Smith  
 ✓14510 *Psychotria griseifolia* S. Moore var. *unicarinata* Fosb. (det. F. R. Fosberg)  
 14511 *Asplenium cuneatum* Lam. (small form) (det. E. B. Copeland)  
 ✓14512 *Cyrtandra Pritchardii* Seem.  
 14513 *Ficus*  
 ✓14514 *Ficus*  
 14515 *Ficus*  
 14516 *Ficus fulvo-pilosa* Summerhayes  
 ✓14517 *Ficus Kajewskii* Summerhayes  
 ✓14518 *Ficus Masoni* Horne  
 ✓14519 *Ficus obliqua* Forst.  
 ✓14520 *Readea membranacea* Gillespie (det. F. R. Fosberg)  
 14521 *Alangium villosum* var. *vitiense* (A. Gray) Bloemb.  
 ✓14522 *Psychotria Pickeringii* var. *solanoides* (Turrill) Fosb. (det. F. R. Fosberg)  
 14523 *Psychotria pubiflora* (Gray) Fosb. (det. F. R. Fosberg)  
 ✓14524 *Psychotria griseifolia* S. Moore (det. F. R. Fosberg)  
 ✓14525 *Psychotria Gillespieana* A. C. Smith (det. F. R. Fosberg)  
 ✓14526 *Psychotria turbinata* A. Gray (det. F. R. Fosberg)  
 14527 *Elaeocarpus pyriformis* A. Gray  
 ✓14528 *Medinilla heterophylla* A. Gray  
 14529 no specimen  
 14530 *Allophylus subluxus* Gillespie  
 ✓14531 *Cinnamomum Degeneri* Allen (type coll.)  
 ✓14532 *Syzygium* (or poss. *Acmena*)  
 14533 *Peperomia lasiostigma* C. DC.? (det. T. G. Yuncker)  
 14534 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 ✓14535 *Tapeinosperma punctatum* Gillespie  
 ✓14536 *Nesoluma Degeneri* Gilly (type coll.)  
 ✓14537 *Degeneria vitiensis* I. W. Bailey & A. C. Smith (Degeneriaceae, fam. nov. aff. Magnol.) (type coll.)  
 14538 *Dysoxylum Richii* (A. Gray) C. DC.  
 ✓14539 *Dysoxylum Richii* (A. Gray) C. DC.  
 ✓14540 *Calycosia lageniformis* (Gillespie) A. C. Smith (det. F. R. Fosberg)  
 ✓14540a *Schefflera*  
 14541 *Psychotria carnea* (Forst.) A. C. Smith (det. F. R. Fosberg)  
 ✓14542 *Elaeocarpus subcapitatus* Gillespie  
 ✓14543 *Glochidion anfractuosum* Gibbs (det. L. Croizat)  
 ✓14544 *Elaeocarpus vitlensis* Gillespie  
 14545 *Hydnophytum grandiflorum* Becc. (det. F. R. Fosberg)  
 ✓14546 *Fremia taitensis* Schau. (det. H. N. Moldenke)  
 ✓14547 *Evodia cucullata* Gillespie  
 ✓14548 *Erythrodia oxyglossa* Schltr. (det. L. O. Williams)  
 ✓14549 *Abramsia trichotoma* Gillespie (det. F. R. Fosberg)  
 ✓14550 *Syzygium nidie* Guill. (det. Merrill & Perry)  
 ✓14551 *Freycinetia Graeffei* Mart. (det. Merrill & Perry)  
 ✓14552 *Polystichum cristatum* (Forst.) Presl (det. E. B. Copeland)  
 14553 *Asplenium bipinnatifidum* Baker (det. E. B. Copeland)  
 ✓14554 *Coniogramme fraxinea* (Don) Diels (det. E. B. Copeland)

- ✓ 14555 *Asplenium cuneatum* Lam. (det. E. B. Copeland)  
 ✓ 14556 *Microsorium linguaeforme* (Mett.) Copel. (det. E. B. Copeland)  
 ✓ 14557 *Leptopteris Wilkesiana* (Brack.) C. Chr. (det. E. B. Copeland)  
 ✓ 14558 *Melochia odorata* L. f.  
 ✓ 14559 *Litsea Pickeringii* (A. Gray) B. & H.f. (det. C. K. Allen)  
 ✓ 14560 *Tapeinosperma Hornei* Mez  
 ✓ 14561 *Dysoxylum lenticellare* Gillespie  
 ✓ 14562 *Pleogynium Solandri* (Benth.) Engl.  
 ✓ 14563 *Psychotria platycocca* A. Gray (det. F. R. Fosberg)  
 ✓ 14564 *Psychotria Gillespieana* A. C. Smith (det. F. R. Fosberg)  
 ✓ 14565 *Lomagramma cordipinna* Holttum, ex char. (det. E. B. Copeland)  
 ✓ 14566 *Anacolosa lutea* Gillespie  
 ✓ 14567 *Leucobryum pentastichum* Bry. Jav. (det. E. B. Bartram)  
 ✓ 14568 *Camptochaete porotrichoides* (Besch.) Broth. (det. E. B. Bartram)  
 ✓ 14568.1 *Homaliodendron flabellatum* (Dicks.) Fl. (det. E. B. Bartram)  
 ✓ 14569.2 *Hypopterigium tahitense* Aongst. (det. E. B. Bartram)  
 ✓ 14569.3 *Rhodobryum Graeffeanum* (C. M.) Par. (det. E. B. Bartram)  
 ✓ 14569.4 *Callicostella papillata* (Mont.) Jaeg. (det. E. B. Bartram)  
 ✓ 14570 crypt.  
 ✓ 14571 *Homaliodendron flabellatum* (Dicks.) Fl. (det. E. B. Bartram)  
 ✓ 14572 *Cladopodium nervosum* (Harv.) Fl. (det. E. B. Bartram)  
 ✓ 14573 crypt.  
 ✓ 14574 crypt.  
 ✓ 14575 *Thuidium samoanum* Mitt. (det. E. B. Bartram)  
 ✓ 14576 *Rhizogonium setosum* Mitt. (det. E. B. Bartram)  
 ✓ 14577 *Floribundaria aeruginosa* (Mitt.) Fl. (det. E. B. Bartram)  
 ✓ 14577a *Camptochaete porotrichoides* (Besch.) Broth. (det. E. B. Bartram)  
 ✓ 14578 *Thuidium samoanum* Mitt. (det. E. B. Bartram)  
 ✓ 14579 *Camptochaete porotrichoides* (Besch.) Broth. (det. E. B. Bartram)  
 ✓ 14580 *Cyclodictyon Blumeianum* (Mont.) Fl. (det. E. B. Bartram)  
 ✓ 14581 hep.  
 ✓ 14582 crypt.  
 ✓ 14583 crypt.  
 ✓ 14584 no specimen  
 ✓ 14585 *Premna taitensis* Schau. (det. H. N. Moldenke)  
 ✓ 14586 *Pittosporum arborescens* Rich  
 ✓ 14587 *Glochidion ramiflorum* Forst. (det. L. Croizat)  
 ✓ 14587a *Pseuderanthemum laxiflorum* (A. Gray) Hubbard  
 ✓ 14588 *Dianella ensifolia* (L.) DC.  
 ✓ 14589 *Psychotria confertiflora* A. C. Smith (det. F. R. Fosberg)  
 ✓ 14590 *Ficus vitiensis* Seem.  
 ✓ 14591 *Polygala paniculata* L.  
 ✓ 14592 *Hex vitiensis* A. Gray  
 ✓ 14593 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
 ✓ 14594 *Solanum inamoenum* Benth.  
 ✓ 14595 *Maesa samoana* Mez  
 ✓ 14596 *Hedycarya dorstenioides* A. Gray  
 ✓ 14597 *Hedycarya dorstenioides* A. Gray  
 ✓ 14598 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 ✓ 14599 *Smilax vitiensis* (Seem.) A. DC.  
 ✓ 14600 *Trilocularia vitiensis* A. C. Smith  
 ✓ 14601 *Medinilla Archboldiana* A. C. Smith  
 ✓ 14602 *Mussaenda frondosa* L. (det. F. R. Fosberg) *raiatensis* F. W. Moore  
 ✓ 14603 *Rhus taitensis* Guill.  
 ✓ 14604 *Lycopodium cernuum* L. (det. E. B. Copeland)  
 ✓ 14605 *Acanthophippium vitiense* L. Wms. n. sp. (type coll.)

- 14606 *Asplenium excisum* Presl  
 14607 *Microtrichomanes vitiense* (Baker) Copel. (det. E. B. Copeland)  
 Myrist 14608 *Myristica castaneaefolia* A. Gray  
 Polyp 14609 *Pittosporum rhytidocarpum* A. Gray  
 Rub 14610 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 14611 *Psychotria tetragona* Seem. (det. F. R. Fosberg)  
 14612 *Scyphularia pycnocarpa* (Brack.) Copel. (det. E. B. Copeland)  
 14613 *Cyathea propinqua* Mett. (det. E. B. Copeland)  
 14614 *Asplenium laserpitiifolium* Lam.  
 14615 *Pteris pacifica* Hieron. (not typical) (det. E. B. Copeland)  
 14616 *Asplenium gibberosum* (Forst.) Mett. (det. E. B. Copeland)  
 14617 *Selaginella*  
 Arch 14618 *Habenaria tradescantifolia* Rchb. f., var. *major* L. Wms. (det. L. O. Williams)  
 Arch 14619 *Zeuxine stricta* (Rolfe) L. Wms. (det. L. O. Williams)  
 Piper 14620 *Piper Timothianum* A. C. Smith  
 Ver 14621 *Faradaya ovalifolia* (A. Gray) Seem. (det. H. N. Moldenke)  
 14622 *Cyrtandra Pritchardii* Seem.  
 Rub 14623 *Psychotria turbinata* A. Gray (det. F. R. Fosberg)  
 Rub 14624 *Psychotria griseifolia* var. *unicarinata* Fosb. (det. F. R. Fosberg)  
 Rub 14625 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 Euph 14626 *Acalypha insulana* Muell. Arg. (det. L. Croizat)  
 Rub 14626a *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)  
 Arch 14627 *Schefflera vitiensis* (A. Gray) Seem.  
 14627a *Hoya vitiensis* Turrill  
 Mon 14628 *Hedycarya dorstenioides* A. Gray  
 14629 *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)  
 Dillen 14630 *Saurauia rubicunda* (A. Gray) Seem.  
 Rub 14631 *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)  
 Rub 14632 *Psychotria pubiflora* (A. Gray) Fosb. (det. F. R. Fosberg)  
 14633 *Cyrtandra Hornei* C. B. Clarke  
 14634 *Zeuxine stricta* (Rolfe) L. Wms. (det. L. O. Williams)  
 14635 *Calanthe furcata* Batem. ex Lindl. (det. L. O. Williams)  
 14636 *Pittosporum rhytidocarpum* A. Gray  
 14637 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 14638 *Cyathocalyx vitiensis* A. C. Smith  
 14639 *Oxymitra monosperma* (A. Gray) A. C. Smith  
 14640 *Psychotria griseifolia* var. *unicarinata* Fosb. (type coll.)  
 14641 *Medinilla heterophylla* A. Gray  
 14642 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 14643 *Hedycarya dorstenioides* A. Gray  
 14644 *Lycopodium Phlegmaria* L., sens. lat. (det. E. B. Copeland)  
 14645 *Ficus Masoni* Horne  
 14646 *Dictymia Brownii* (Wikstr.) Copel., sens. lat. (det. E. B. Copeland)  
 14647 *Asplenium normale* Don (det. E. B. Copeland)  
 14648 *Orthopteris minor* (Hook.) Copel. (det. E. B. Copeland)  
 14649 *Asplenium gibberosum* (Forst.) Mett. (det. E. B. Copeland)  
 Arch 14650 *Phreatia stenostachya* (Rchb.f.) Kraenzl. (det. L. O. Williams)  
 14651 *Garcinia sessilis* (Forst.) Seem.  
 14652 *Acronychia petiolaris* A. Gray  
 14653 *Eurina plana* Rchb. f. (det. L. O. Williams)  
 14654 *Wormia biflora* (A. Gray) Seem.  
 14655 *Medinilla Archboldiana* A. C. Smith  
 14656 *Pseuderanthemum laxiflorum* (A. Gray) Hubbard  
 14657 *Serianthes myriadenia* Planch. ?



- 14658 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 14659 *Piper Macgregoriae* C. DC. *rubrum* (Benth.) Benth. var. *glabrum* (C. DC.) A.C. Sm.  
 14660 *Smilax vitiensis* (Seem.) A. DC.  
 14661 *Psychotria griseifolia* S. Moore (det. F. R. Fosberg)  
 14662 *Embelia gracilis* Turrrill  
 14663 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 14664 *Calophyllum vitiense* Turrrill  
 14665 *Syzygium nidie* Guill. (det. Merrill & Perry)  
 14666 *Aglaia vitiensis* A. C. Smith  
 14667 *Kermadecia vitiensis* Turrrill  
 14668 *Saccolobium constrictum* Rechb. f. (det. L. O. Williams)  
 14669 *Athyrium maximum* (Don) Copel., sens. lat. (det. E. B. Copeland)  
 14670 *Podocarpus elata* R. Br.  
 14671 *Agathis vitiensis* (Seem.) B. & H. f.  
 14672 *Amaroria soulameoides* A. Gray  
 14673 *Alstonia plumosa* Labill.  
 14674 *Dendrobium Gordonii* S. Moore (det. L. O. Williams)  
 14675 *Tapeinosperma punctatum* Gillespie  
 14676 *Syzygium corynocarpum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 14677 *Jasminum didymum* Forst. (det. C. E. Kobuski)  
 14678 *Psychotria platycocca* A. Gray (det. F. R. Fosberg)  
 14679 *Agatea violaris* A. Gray  
 14680 *Aglaia fragilis* A. C. Smith (type coll.)  
 14681 *Ixora Carewii* Horne (ex char.) (det. F. R. Fosberg)  
 14682 *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)  
 14683 *Ficus Masoni* Horne  
 14684 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
 14685 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)  
 14686 *Cyrtandra Desvieuxii* Horne  
 14687 *Dichapetalum vitiense* (Seem.) Engl.  
 14688 *Elaeocarpus*  
 14689 *Aglaia axillaris* A. C. Smith  
 14690 *Acalypha insulana* Muell. Arg. (det. L. Croizat)  
 14690a *Cyathula prostrata* (L.) Bl.  
 14691 *Psychotria Gillespieana* A. C. Smith (det. F. R. Fosberg)  
 14692 *Lycopodium cernuum* L. (det. E. B. Copeland)  
 14693 *Hydnophytum grandiflorum* Becc. (det. F. R. Fosberg)  
 14694 *Ixora elegans* Gillespie (det. F. R. Fosberg)  
 14695 *Dendrobium biflorum* (Frost.) Sw. (det. L. O. Williams)  
 14696 *Pseuderia platyphylla* L. Wms. (det. L. O. Williams)  
 14697 no specimen  
 14698 *Paratrophis anthropophagorum* (Seem.) B. & H. f.  
 14699 *Adiantum diaphanum* Bl. (det. E. B. Copeland)  
 14700 *Macroglena caudata* (Brack.) Copel. (det. E. B. Copeland)  
 14701 *Dennstaedtia scandens* (Bl.) Moore? (det. E. B. Copeland)  
 14702 *Microlepia Speluncae* (L.) Moore (det. E. B. Copeland)  
 14703 *Selaginella firmula* A. Br.  
 14704 *Lycopodium trifoliatum* Copel. (det. E. B. Copeland)  
 14705 *Lycopodium Phlegmaria* L., sens. lat. (det. E. B. Copeland)  
 14706 *Didymochlaena truncatula* (Sw.) J. Sm. (det. E. B. Copeland)  
 14707 *Antrophyum subfalcatum* Brack. (det. E. B. Copeland)  
 14707a *Loxogramme Parksii* Copel.  
 14708 *Antrophyum alatum* Brack. (det. E. B. Copeland)  
 14709 *Vittaria elongata* Sw. (det. E. B. Copeland)  
 14710 *Vittaria scolopendrina* (Bory) Thw. (det. E. B. Copeland)



- ✓14711 *Asplenium cuneatum* Lam. (det. E. B. Copeland)  
✓14712 *Asplenium remotum* Moore (det. E. B. Copeland)  
✓14713 *Asplenium tenerum* Forst. (det. E. B. Copeland)  
✓14714 *Asplenium bipinnatifidum* Baker (det. E. B. Copeland)  
✓14715 *Pteris decussata* J. Sm. (det. E. B. Copeland)  
✓14716 *Asplenium Carruthersii* Baker (det. E. B. Copeland)  
14717 *Calymmodon latealatus* Copel. (det. E. B. Copeland)  
✓14718 *Doodia media* R. Br. var. *Brackenridgii* (Carr.) Baker (det. E. B. Copeland)  
✓14719 *Polyalthia pedicellata* A. C. Smith  
14720 *Bulbophyllum*  
14721 *Elatostachys falcata* (A. Gray) Radlk.  
✓14722 *Coffea arabica* L. (det. F. R. Fosberg)  
14723 *Myristica castaneaefolia* A. Gray  
14724 *Lycopodium trifoliatum* Copel. (det. E. B. Copeland)  
✓14725 *Phreatia stenostachya* (Rchb. f.) Kraenzl. (det. L. O. Williams)  
✓14726 *Asplenium amboinense* Willd. (det. E. B. Copeland)  
14727 *Zeuxine stricta* (Rolfe) L. Wms. (det. L. O. Williams)  
14728 *Malaxis*  
✓14729 *Habenaria tradescantifolia* Rchb. f. var. *major* L. Wms. (det. L. O. Williams)  
14730 *Psychotria griseifolia* var. *unicarinata* Fosb. (det. F. R. Fosberg)  
✓14731 *Psychotria tetragona* Seem. (det. F. R. Fosberg)  
14732 *Schizaea dichotoma* (L.) Sm.  
✓14733 *Psychotria turbinata* A. Gray (det. F. R. Fosberg)  
✓14734 *Phaleria glabra* (Turrill) Domke  
✓14735 *Cassia laevigata* Willd.  
14736 *Odontochilus Degeneri* L. Wms. n. sp. (type coll.)  
✓14737 *Polyalthia pedicellata* A. C. Smith  
14738 *Peperomia lasiostigma* C. DC.? (det. T. G. Yuncker)  
✓14739 *Readea membranacea* Gillespie (det. F. R. Fosberg)  
14740 *Abramsia trichotoma* Gillespie (det. F. R. Fosberg)  
✓14741 *Diospyros samoensis* var. *longisepala* (Gillespie) Fosb. (det. F. R. Fosberg)  
✓14742 *Saurauia rubicunda* (A. Gray) Seem.  
✓14743 *Faradaya ovalifolia* (A. Gray) Seem. (det. H. N. Moldenke)  
✓14744 *Lycopodium cernuum* L. (det. E. B. Copeland)  
✓14745 *Neprolepis cordifolia* (L.) Presl (det. E. B. Copeland)  
✓14746 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
✓14747 *Dolicholobium oblongifolium* var. *Degeneri* Fosberg (det. F. R. Fosberg)  
✓14748 *Ficus Smithii* Horne  
✓14749 *Gardenia Gorrei* Horne (det. F. R. Fosberg)  
✓14750 *Isachne vitiensis* Rendle (det. A. Chase)  
✓14751 *Liparis*  
✓14752 *Saurauia rubicunda* (A. Gray) Seem.  
✓14753 *Habenaria cynosorchidacea* C. Schweinf. (det. L. O. Williams)  
✓14754 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
14755 *Hoya diptera* Seem.  
✓14756 *Malaxis latiseipala* (Rolfe) C. Schweinf. (det. L. O. Williams)  
14757 crypt.  
14758 crypt.  
14759 crypt.  
14760 *Crepidopteris*  
14761 *Coelogyne*  
14762 *Malaxis*  
✓14763 *Appendicula reflexa* Bl. (det. L. O. Williams)

- Palau* 14764 Balaka  
 ✓ 14765 Vitiphoenix Smithii Burret  
 14766 no specimen  
 14767 crypt.  
 14768 crypt.  
 14769 crypt.  
 14770a Spiridens aristifolius Mitt. (det. E. B. Bartram)  
 14770b Fissidens nobilis Griff. (det. E. B. Bartram)  
 14770c Beschleriella crypheidoides (C. M.) Fl. (det. E. B. Bartram)  
 14771 crypt.  
 14772 crypt.  
 14773 crypt.  
 14774 no specimen  
 ✓ 14775 Microgonium omphalodes Vieill. (det. E. B. Copeland)  
 14776 crypt.  
 14777 crypt.  
 14778 crypt.  
 14779 no specimen  
*Euph.* ✓ 14780 Baccaurea stylaris Muell. Arg. (det. L. Croizat)  
 14781 crypt.  
 14782 crypt.  
 14783 Calliostella papillata (Mont.) Jaeg. (det. E. B. Bartram)  
 14783a Ectropothecium cyathicarpum (C. M.) Jaeg. (det. E. B. Bartram)  
 14784 crypt.  
 14785 crypt.  
 14786 crypt.  
 14787 crypt.  
 14788 crypt.  
 14789 crypt.  
 14790 crypt.  
 14791 crypt.  
 ✓ 14792 Goniocladus petiolatus Burret, ex char.  
 ✓ 14793 palm  
 14794 crypt.  
 ✓ 14795 Antrophyum alatum Brack. (det. E. B. Copeland)  
 ✓ 14795a Asplenium Nidus L. (det. E. B. Copeland)  
 ✓ 14796 Doodia media R. Br. var. Brackenridgii (Carr.) Baker (det. E. B. Copeland)  
 ✓ 14797 Laportea vitensis Seem.  
 ✓ 14798 Astronidium victorise (Gillespie) A. C. Smith  
 ✓ 14799 Eurya vitensis A. Gray (det. C. E. Kobuski)  
 ✓ 14800 Alstonia montana Turill  
 ✓ 14801 Selaginella  
 ✓ 14802 Hymenolepis mucronata Fée (det. E. B. Copeland)  
 ✓ 14803 Antrophyum subfalcatum Brack. (det. E. B. Copeland)  
 14804 Malaxis  
 ✓ 14805 Ophiorrhiza laxa A. Gray (det. F. R. Fosberg)  
 ✓ 14806 Polyscias corticata Gibbs  
 ✓ 14807 Abramsia trichotoma Gillespie (det. F. R. Fosberg)  
 ✓ 14808 Syzygium gracilipes (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 14809 Macaranga cf. Gaeffeana Pax & Hoffm. (det. L. Croizat)  
 ✓ 14810 Liparis orbiculata L. Wms. sp. nov. (type coll.)  
 ✓ 14811 Anacolosa lutea Gillespie

- 14312 *Psychotria carnea* (Forst.) A. C. Smith (det. F. R. Fosberg)  
 14313 *Habenaria supervacanea* Rehb. f. (det. L. O. Williams)  
 14314 *Morinda umbellata* var. *Archboldiana* Fosb. (det. F. R. Fosberg)  
 14315 *Erythrodia oxyglossa* Schltr. (det. L. O. Williams)  
 14316 *Dolicholobium oblongifolium* var. *Degeneri* Fosb. (det. F. R. Fosberg)  
 14317 *Pittosporum oligodontum* Gillespie  
 14318 *Readea roseata* Fosb. (type coll.)  
 14319 *Phreatia stenostachya* (Rehb. f.) Kraenzl. (det. L. O. Williams)  
 14320 *Habenaria supervacanea* Rehb. f. (det. L. O. Williams)  
 14321 *Freycinetia Graeffei* Mart. (det. Merrill & Perry)  
 14321a *Freycinetia Storckii* Seem. (det. Merrill & Perry)  
 14322 all returned to Degener  
 14323 *Graptophyllum insularum* (A. Gray) A. C. Smith  
 14324 *Ixora vitiensis* A. Gray (det. F. R. Fosberg)  
 14325 *Alyxia stellata* (Forst.) R. & S.  
 14326 *Procris pedunculata* var. *ornata* A. C. Smith (type coll.)  
 14327 *Psychotria cordata* var. *podantha* Fosb. (det. F. R. Fosberg)  
 14328 *Elatostema vitiense* (Wedd.) A. C. Smith? (juvenile)  
 14329 *Psychotria cordata* var. *podantha* Fosb. (det. F. R. Fosberg)  
 14330 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 14331 *Psychotria cordata* var. *podantha* Fosb. (type coll.)  
 14332 *Solanum vitiense* Seem.  
 14333 *Cyrtandra Pritchardii* Seem.  
 14334 *Polyscias corticata* Gibbs  
 14335 *Diospyros samoensis* var. *longisepala* (Gillespie) Fosb. (det. F. R. Fosberg)  
 14336 *Cyrtandra glandulosa* Gillespie  
 14337 *Peperomia nandalana* Yuncker (det. T. G. Yuncker)  
 14338 *Peperomia nandarivatiensis* Yuncker (type coll.)  
 14339 *Elatostema australe* (Wedd.) Hallf.  
 14340 *Centotheca latifolia* (Osbeck) Trin. (A. Chase)  
 14341 *Alyxia stellata* (Forst.) R. & S.  
 14342 no specimen  
 14343 *Leucas decedentata* Sm.  
 14344 *Bulbophyllum longiflorum* Thou. (det. L. O. Williams)  
 14345 *Sarcanthus*  
 14346 *Peperomia orbiculimba* Yuncker (det. T. G. Yuncker)  
 14347 *Leea indica* (Burm.f.) Merr.  
 14348 *Procris pedunculata* var. *ornata* A. C. Smith  
 14349 *Habenaria supervacanea* Rehb. f. (det. L. O. Williams)  
 14350 *Alyxia bracteolosa* Rich.  
 14351 *Cerbera manghas* L.  
 14352 *Pseudomorus Brunoniana* (Endl.) Bur.  
 14353 "*Polypodium*" *nigrescens* Bl. (det. E. B. Copeland)  
 14354 *Asplenium tenerum* Forst. (det. E. B. Copeland)  
 14355 *Mecodium imbricatum* (Bl.) Copel. (det. E. B. Copeland)  
 14356 *Didymochlaena truncatula* (Sw.) J. Sm. (det. E. B. Copeland)  
 14357 *Prosaptia contigua* (Forst.) Presl (det. E. B. Copeland)  
 14358 *Dryopteris tenuifrons* C. Chr. (det. E. B. Copeland)  
 14359 *Athyrium melanocaulon* (Brack.) Milde (det. E. B. Copeland)  
 14360 *Polystichum aculeatum* (L.) Schott, sens. lat. (det. E. B. Copeland)  
 14361 *Crepidomanes bipunctatum* (Poir.) Copel. (det. E. B. Copeland)  
 14362 *Lycopodium foliosum* Copel. (det. E. B. Copeland)  
 14363 *Lycopodium*  
 14364 *Hypolepis elegans* Carr.? (det. E. B. Copeland)  
 14365 *Pteris excelsa* Gaud. (det. E. B. Copeland)

- 14866 *Asplenium bipinnatifidum* Baker  
 ✓ 14867 *Scyphularia pycnocarpa* (Brack.) Copel. (det. E. B. Copeland)  
 ✓ 14868 *Crepidopteris Endlicheriana* (Presl) Copel. (det. E. B. Copeland)  
 ✓ 14869 *Selaginella*  
 ✓ 14870 *Lycopodium Parksii* Copel. (det. E. B. Copeland)  
 ✓ 14871 *Lycopodium samoanum* (Herter; Urostachys) (det. E. B. Copeland)  
 ✓ 14872 *Asplenium remotum* Moore (det. E. B. Copeland)  
 ✓ 14873 *Tectaria Degeneri* Copel. (det. E. B. Copeland)  
 ✓ 14874 *Macaranga* cf. *Graeffeana* Pax & Hoffm. (det. L. Croizat)  
 ✓ 14875 *Solanum vitiense* Seem.  
 ✓ 14876 *Joinvillea elegans* Gaud.  
 ✓ 14877 *Athyrium maximum* (Don) Copel., sens. lat. (det. E. B. Copeland)  
 ✓ 14878 *Elaeocarpus chelinomorphus* Gillespie  
 ✓ 14879 *Dendrobium prasinum* Lindl. (det. L. O. Williams)  
 ✓ 14880 *Fagraea Berteriana* A. Gray  
 ✓ 14881 *Hibiscus Manihot* L.  
 ✓ 14882 *Hibiscus esculentus* L.  
 ✓ 14883 *Medinilla amoena* Seem.  
 ✓ 14884 *Medinilla Archboldiana* A. C. Smith  
 ✓ 14885 *Habenaria supervacanea* Rehb. f. (det. L. O. Williams)  
 ✓ 14886 *Psychotria confertifolia* A. C. Smith (det. F. R. Fosberg)  
 ✓ 14887 *Elatostema nemorosum* Seem.  
 ✓ 14888 *Epipremnum pinnatum* (L.) Engl.  
 ✓ 14889 *Cyrtandra tomentosa* A. C. Smith (type coll.)  
 ✓ 14890 *Flacourtia Degeneri* A. C. Smith (type coll.)  
 ✓ 14891 *Piper Timothianum* A. C. Smith  
 ✓ 14892 *Hedycarya dorstenioides* A. Gray ("H. crassifolia" Gillespie)  
 ✓ 14893 *Goniocladus petiolatus* Burret, ex char.  
 ✓ 14894 *Pseuderanthemum laxiflorum* (A. Gray) Hubbard  
 ✓ 14895 *Gymnosporia vitiensis* (A. Gray) Seem.  
 ✓ 14896 *Graptophyllum insularum* (A. Gray) A. C. Smith  
 ✓ 14897 *Celtis Harperi* Horne  
 ✓ 14898 *Bixa Orellana* L.  
 ✓ 14899 *Ficus fulvo-pilosa* Summerhayes  
 ✓ 14900 *Psychotria platycocca* A. Gray (det. F. R. Fosberg) (slender form)  
 ✓ 14901 *Schefflera vitiensis* (A. Gray) Seem.  
 ✓ 14902 *Syzygium Grayi* (Seem.) Merr. & Perry (det. Merrill & Perry)  
 ✓ 14903 *Ophiorrhiza laxa* A. Gray (det. F. R. Fosberg)  
 ✓ 14904 *Cyrtandra gracilipes* Gillespie  
 ✓ 14905 *Baccaurea* cf. *Seemannii* Muell. Arg. (det. L. Croizat)  
 ✓ 14906 *Claoxylon Archboldianum* Croizat (type coll.)  
 ✓ 14906a *Hymenophyllum affine* Brack. (det. E. B. Copeland)  
 ✓ 14907 *Orthopteris ferulacea* (Moore) Copel. (det. E. B. Copeland)  
 ✓ 14908 *Leptopteris Wilkesiana* (Brack.) C. Chr. (det. E. B. Copeland)  
 ✓ 14909 *Callistopteris apiifolia* (Presl) Copel. (det. E. B. Copeland)  
 ✓ 14910 *Pteris decussata* J. Sm. (det. E. B. Copeland)  
 ✓ 14911 *Macaranga magna* Turill (ex char.) (det. L. Croizat)  
 ✓ 14912 *Premna taipeensis* Schau. (det. H. N. Moldenke)  
 ✓ 14913 *Crossostylis Parksii* (Gillespie) A. C. Smith  
 ✓ 14914 *Calycosia macrocyathea* var. *macrocyathea* Fosb. (det. F. R. Fosberg)  
 ✓ 14915 no specimen  
 ✓ 14916 no specimen  
 ✓ 14917 no specimen  
 ✓ 14918 *Psychotria pubiflora* (A. Gray) Fosb. (det. F. R. Fosberg)  
 ✓ 14919 *Psychotria tetragonoides* Fosb. (det. F. R. Fosberg)  
 ✓ 14920 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)



- ✓14921 *Acalypha rivularis* Seem. (det. L. Croizat)
- ✓14922 *Glochidion anfractuosum* Gibbs (det. L. Croizat)
- ✓14923 *Elatostema Seemannianum* A. C. Smith
- ✓14924 *Dendrobium?*
- ✓14925 *Cyrtandra vitiensis* Seem.
- ✓14926 *Zingiber zerumbet* (L.) Sm.
- ✓14927 *Psychotria pubiflora* (A. Gray) Fosb. (det. F. R. Fosberg)
- ✓14928 *Dendrobium Gordonii* S. Moore (det. L. O. Williams)
- ✓14929 *Liparis*
- ✓14930 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)
- ✓14931 *Peperomia lasiostigma* C. DC. (?) (det. T. G. Yuncker)
- ✓14932 *Peperomia lasiostigma* C. DC. (det. T. G. Yuncker)
- ✓14933 *Leucophanes candidum* var. *densifolium* (Mitt.) Dix. (det. E. B. Bartram)
- ✓14934 *Oscuta campestris* Yuncker (det. T. G. Yuncker)
- ✓14935 *Bischofia javanica* Bl. (det. L. Croizat)
- ✓14936 *Miscanthus japonicus* Anderss. (det. A. Chase)
- ✓14937 *Colubrina asiatica* (L.) Brongn.
- ✓14938 *Ervatamia orientalis* (R. Br.) Turrill
- ✓14939 *Pittosporum arborescens* Rich
- ✓14940 *Celastrus Richii* A. Gray
- ✓14941 *Pseuderanthemum laxiflorum* (A. Gray) Hubbard
- ✓14942 *Pueraria Thunbergiana* (Sieb. & Zucc.) Benth.
- ✓14943 *Grewia prunifolia* A. Gray
- ✓14944 *Scleria lithosperma* (L.) Sw.
- ✓14945 *Micromelum minutum* (Forst.) Seem.
- ✓14946 *Peperomia leptostachya* H. & A. (det. T. G. Yuncker)
- ✓14947 *Pipturus argenteus* var. *lanosus* Skottsb.
- ✓14948 *Mallotus acuminatus* Muell. Arg. (det. L. Croizat)
- ✓14949 *Premna taitensis* var. *rimatarensis* F. H. Br. (det. H. N. Moldenke)
- ✓14950 *Glochidion* cf. *ramiflorum* Forst. (det. L. Croizat)
- ✓14951 *Phaleria pubiflora* (A. Gray) Gilg
- ✓14952 no specimen
- ✓14953 *Flacourtia subintegra* A. C. Smith
- ✓14954 *Ficus Barclayana* (Miq.) Summerhayes
- ✓14955 *Acalypha* cf. *repanda* Muell. Arg. (det. L. Croizat)
- ✓14956 *Pseudomorus Brunoniana* (Endl.) Bur.
- ✓14957 *Aleurites moluccana* (L.) Willd. (det. L. Croizat)
- ✓14958 *Clerodendrum inerme* (L.) Gaertn. (det. H. N. Moldenke)
- ✓14959 *Panicum reptans* L. (det. A. Chase)
- ✓14960 *Andropogon glaber* Roxb. (det. A. Chase)
- ✓14961 *Heteropogon contortus* (L.) Beauv. (det. A. Chase)
- ✓14962 *Cleidion Degeneri* Croizat (det. L. Croizat)
- ✓14963 *Jussiaea erecta* L.
- ✓14964 *Notholaena hirsuta* (Poir.) Desv. (det. E. B. Copeland)
- ✓14965 *Doryopteris concolor* (L. & F.) Kuhn (det. E. B. Copeland)
- ✓14966 *Pteris ensiformis* Burm. (det. E. B. Copeland)
- ✓14967 *Hibiscus tricuspidis* Cav.
- ✓14968 *Desmos insularis* A. C. Smith (type coll.)
- ✓14969 *Homalium vitiense* Benth.
- ✓14970 *Pongamia pinnata* (L.) Merr.
- ✓14971 *Elatostachys falcata* (A. Gray) Radlk.
- ✓14972 *Tylophora Brackenridgei* A. Gray
- ✓14973 *Celastrus Richii* A. Gray
- ✓14974 *Morinda citrifolia* L. (det. F. R. Fosberg)
- ✓14975 *Spondias dulcis* Forst.

- ✓14976 *Canthium odoratum* (Forst.) Seem. (det. F. R. Fosberg)  
 ✓14977 *Antirrhoea inconspicua* (Seem.) Christoph. (det. F. R. Fosberg)  
 ✓14978 *Celastrus Richii* A. Gray  
 ✓14979 *Cassia occidentalis* (L.) *Diptamea*  
 ✓14980 *Jasminum Degeneri* Kobuski (type coll.)  
 ✓14981 *Cassia Tora* L.  
 ✓14982 *Colubrina Asiatica* (L.) Brongn.  
 ✓14983 *Ficus fulvo-pilosa* Summerhayes  
 ✓14984 *Ficus Storckii* Seem.  
 14985 no specimen  
 14986 no specimen  
 ✓14987 *Clerodendrum speciosissimum* Van Geert (det. H. N. Moldenke)  
 14988 *Canthium odoratum* (Forst.) Seem. (det. F. R. Fosberg)  
 ✓14989 *Acalypha insulana* Muell. Arg. var. *pubescens* Muell. Arg. (det. L. Croizat)  
 ✓14990 *Bischofia javanica* Bl. (det. L. Croizat)  
 ✓14991 *Dolichos Lablab* L.  
 ✓14992 *Ficus fulvopilosa* Summerhayes  
 ✓14993 *Litsea Pickeringii* (A. Gray) B. & H.f. (det. C. K. Allen)  
 ✓14994 *Adiantum hispidulum* Sw. (det. E. B. Copeland)  
 ✓14995 *Colubrina asiatica* (L.) Brongn.  
 ✓14996 *Tarenna sambucina* (Forst.) Dur. (det. F. R. Fosberg)  
 ✓14997 *Commelina diffusa* Burm.f.  
 ✓14998 *Pittosporum Brackenridgei* A. Gray  
 14999 *Graptophyllum insularum* (A. Gray) A. C. Smith  
 ✓15000 *Micromelum minutum* (Forst.) Seem.  
 ✓15001 *Hibiscus diversifolius* Jacq.  
 15002 *Tylophora Brackenridgei* A. Gray  
 ✓15003 *Geniostoma rupestre* Forst.  
 ✓15004 *Maesa Pickeringii* A. Gray *correct to puberulum (Benth.) Benth. var. typicum A.C. Sm.*  
 ✓15005 *Piper Macgregoriae* C. DC. var.  
 ✓15006 *Cyclophorus lanceolatus* (L.) Alston (det. E. B. Copeland)  
 ✓15007 *Pipturus argenteus* var. *lanosus* Skottsb.  
 ✓15008 *Boehmeria virgata* (Forst.f.) Guillem.  
 ✓15009 *Artropteris oblitterata* (R. Br.) J. Sm. (det. E. B. Copeland)  
 15010 *Asplenium falcatum* Lam. (det. E. B. Copeland)  
 15011 *Antrophyum plantagineum* (Cav.) Kaulf. (det. E. B. Copeland)  
 ✓15012 *Plumbago zeylanica* L.  
 ✓15013 *Vetiveria zizanioides* (L.) Nash (det. A. Chase)  
 ✓15014 *Kleinhovia hospita* L.  
 15014a *Cyclophorus lanceolatus* (L.) Alston (det. E. B. Copeland)  
 ✓15015 *Dryopteris arida* (Don) Kuntze (det. E. B. Copeland)  
 ✓15016 *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)  
 ✓15017 *Smilax vitiensis* (Seem.) A. DC.  
 ✓15018 *Dryopteris dentata* (Forsk.) C. Chr. (det. E. B. Copeland)  
 ✓15019 fam.? (not known - I.W. Bailey) *Citranella* I according to me  
 ✓15020 *Goniophlebium subauriculatum* (Bl.) Presl (det. E. B. Copeland)  
 ✓15021 *Smilax vitiensis* (Seem.) A. DC.  
 ✓15022 *Athyrium melanocaulon* (Brack.) Milde (det. E. B. Copeland)  
 ✓15023 *Firmiana diversifolia* A. Gray  
 ✓15024 *Asplenium laserpitilifolium* Lam. (det. E. B. Copeland)  
 ✓15025 *Vittaria scolopendrina* (Bory) Thw. (det. E. B. Copeland)  
 ✓15026 *Lantana Camara* var. *aculeata* (L.) Moldenke (det. H. N. Moldenke)  
 ✓15027 *Geitonoplesium cymosum* (R. Br.) A. Cann.  
 ✓15028 *Syzygium Grayi* (Seem.) Merr. & Perry (det. Merrill & Perry)  
 ✓15029 *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)

- Myrt ✓ 15029a Syzygium Grayi (Seem.) Merr. & Perry (det. Merrill & Perry)  
 Rub ✓ 15030 Morinda mollis A. Gray (det. F. R. Fosberg)  
 Leg ✓ 15031 Intsia bijuga (Colebr.) Kuntze  
 Leg ✓ 15032 Solanum vitiense Seem.  
 Rut ✓ 15033 Elatostema vitiense (Wedd.) A. C. Smith  
 Rut ✓ 15034 Laportea vitiensis Seem.  
 Mel ✓ 15035 Xylocarpus granatum Koen.  
 15036 all returned to Degener  
 15037 Maesa Pickeringii A. Gray  
 ✓ 15038 ~~Derris trifoliata Lour.~~  
 15039 Ficus Greenwoodii Summerhayes  
 ✓ 15040 Alstonia costata (Forst.) R. Br.  
 ✓ 15041 Serianthes myriadenia Planch.  
 ✓ 15042 Piper Macgillivrayi C. DC. var. *puberulum* (Benth.) Benth. var. *typicum* A.C. Sm.  
 ✓ 15043 Pseuderanthemum laxiflorum (A. Gray) Hubbard  
 15044 all returned to Degener  
 15045 all returned to Degener  
 ✓ 15046 Agatea violaris A. Gray f. mollis A. C. Smith  
 ✓ 15047 Evodia cucullata Gillespie  
 ✓ 15048 Selaginella firmula A. Br.  
 15049 Psychotria Archboldiana Fosb. (det. F. R. Fosberg)  
 ✓ 15050 Celastrus Richii A. Gray  
 ✓ 15051 Micromelum minutum (Forst.) Seem.  
 ✓ 15052 Blechnum vittatum Brack. (det. E. B. Copeland)  
 ✓ 15053 Gamotia "stricta" auct. non Brongn. (det. A. Chase)  
 ✓ 15054 Freycinetia intermedia Merr. & Perry (type coll.)  
 ✓ 15055 Ervatamia orientalis (R. Br.) Turrill  
 ✓ 15056 Amaroria soulameoides A. Gray  
 ✓ 15057 Psychotria tetragona Seem. (det. F. R. Fosberg)  
 15058 Pittosporum rhytidocarpum A. Gray  
 ✓ 15059 Psychotria pittosporifolia Fosb. (det. F. R. Fosberg)  
 15060 Centotheca latifolia (Osbeck) Trin. (det. A. Chase)  
 ✓ 15061 Abelmoschus moschatus Medic.  
 ✓ 15062 Alstonia Reineckiana Lauterb.  
 ✓ 15063 Pseuderia Smithiana C. Schweinf. (det. L. O. Williams)  
 ✓ 15064 Gardenia Storkii Oliv.? (det. F. R. Fosberg)  
 ✓ 15065 Melastoma malabathricum L.  
 ✓ 15066 Erythrospermum acuminatissimum (A. Gray) A. C. Smith  
 ✓ 15067 Excoecaria acuminata Gillespie (det. L. Croizat)  
 ✓ 15068 Macaranga sanguinea Gillespie (det. L. Croizat)  
 ✓ 15069 Annona glabra L.  
 ✓ 15070 Vavaea amicorum Benth.  
 ✓ 15071 Geniostoma rupestre Forst.  
 ✓ 15072 Memecylon vitiense A. Gray  
 ✓ 15073 Casearia Richii A. Gray  
 ✓ 15074 Croton Storkii Seem. (det. L. Croizat)  
 ✓ 15075 Durandea vitiensis Stapf  
 15076 Pittosporum Pickeringii A. Gray  
 ✓ 15077 Ochrosia elliptica Labill.  
 15078 Psychotria tephrosantha A. Gray (det. F. R. Fosberg)  
 ✓ 15079 Lycopodium (perhaps trifoliatum Copel.) (det. E. B. Copeland)  
 ✓ 15080 Hydnochythium tenuiflorum Becc.? (det. F. R. Fosberg)  
 ✓ 15081 Terminalia vitiensis A. C. Smith (type coll.)  
 15082 Ixora pelagica Seem. (det. F. R. Fosberg)  
 ✓ 15083 Psychotria Pickeringii A. Gray (det. F. R. Fosberg)



- ✓ 15084 *Mikania micrantha* H. B. K.  
 ✓ 15085 *Calanthe*  
 ✓ 15086 *Eulophia macrostachya* Lindl.? (det. L. O. Williams)  
 ✓ 15087 *Homalium nitens* Turrill  
 ✓ 15088 *Homalium nitens* Turrill  
 ✓ 15089 *Malaxis*  
 ✓ 15090 *Cassytha filiformis* L. (det. C. K. Allen)  
 ✓ 15091 *Asplenium gibberosum* (Forst.) Mett. (det. E. B. Copeland)  
 ✓ 15092 *Ficus fulvo-pilosa* Summerhayes  
 ✓ 15093 *Ficus Barclayana* (Miq.) Summerhayes  
 ✓ 15094 *Ophiorrhiza peploides* A. Gray (det. F. R. Fosberg)  
 ✓ 15095 *Desmodium umbellatum* (L.) DC.  
 ✓ 15096 *Musa paradisiaca* L.  
 ✓ 15097 *Pittosporum rhytidocarpum* A. Gray  
 ✓ 15098 *Vavaea Harveyi* Seem.  
 ✓ 15099 *Lycopodium pseudophlegmaria* Kuhn (det. E. B. Copeland)  
 ✓ 15100 *Lycopodium carinatum* Desv. (det. E. B. Copeland)  
 ✓ 15101 *Fagraea gracilipes* A. Gray  
 ✓ 15102 *Veitchia Joannis* H. Wendl.  
 ✓ 15103 *Scirpodendron* *glauca* (Gaertn.) Merr.  
 ✓ 15104 *Barringtonia asiatica* (L.) Kurz  
 ✓ 15105 *Cyrtandra Aloisiana* A. C. Smith (type coll.)  
 ✓ 15106 *Tnespesia populnea* (L.) Soland.  
 ✓ 15107 *Gironniera celtidifolia* Gaud.  
 ✓ 15108 *Euphorbia Atoto* Forst. (det. L. Croizat) *Chamaesyce*  
 ✓ 15109 *Scaevola frutescens* (Mill.) Krause  
 ✓ 15110 *Ipomoea gracilis* R. Br.  
 ✓ 15111 *Hedyotis biflora* (L.) Lam. (det. F. R. Fosberg)  
 ✓ 15112 *Sophora tomentosa* L.  
 ✓ 15113 *Wedelia strigulosa* (Gaud.) B. & H.f.  
 ✓ 15114 *Cyperus javanicus* Houtt. (det. R. O'Neill)  
 ✓ 15115 *Morinda umbellata* var. *Archboldiana* Fosb. (type coll.)  
 ✓ 15116 *Morinda Grayi* Seem. (det. F. R. Fosberg)  
 ✓ 15117 *Dicranopteris linearis* (Burm.) Underw. (det. E. B. Copeland)  
 ✓ 15118 *Couthovia corynocarpa* A. Gray  
 ✓ 15119 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
 ✓ 15120 *Geissois ternata* A. Gray  
 ✓ 15121 *Selaginella viridangula* Spring  
 ✓ 15122 *Flagellaria indica* L.  
 ✓ 15123 *Centotheca latifolia* (Osbeck) Trin. (det. A. Chase)  
 ✓ 15124 *Alstonia costata* (Forst.) R. Br.  
 ✓ 15125 *Pseuderanthemum laxiflorum* (A. Gray) Hubbard  
 ✓ 15126 no specimen  
 ✓ 15127 *Myristica Gillespieana* A. C. Sm.  
 ✓ 15128 *Freycinetia Degeneri* Merr. & Perry (type coll.)  
 ✓ 15129 *Freycinetia Storckii* Seem. (det. Merrill & Perry)  
 ✓ 15130 *Asplenium gibberosum* (Forst.) Mett. (det. E. B. Copeland)  
 ✓ 15131 *Ficus Smithii* Horne  
 ✓ 15132 *Tapelosperma punctatum* Gillespie  
 ✓ 15133 *Ophiorrhiza laxa* A. Gray (det. F. R. Fosberg)  
 ✓ 15134 *Homolanthus nutans* (Forst.) Pax (det. L. Croizat)  
 ✓ 15135 *Dryopteris arida* (Don) Kuntze (det. E. B. Copeland)  
 ✓ 15136 *Ixora pelagica* Seem. (det. F. R. Fosberg)  
 ✓ 15137 *Polyscias multijuga* (A. Gray) Harms  
 ✓ 15138 *Santaloides vitiense* Schellenb.  
 ✓ 15139 *Joinvillea elegans* Gaud.



- ✓ 15140 *Piper Maegillivrayi* G. DC. *puberulum* (Renth.) Renth var. *glabrum* (C. DC.) A.C. Sm.  
 15140a *Selenodesmium dentatum* (v.d.B.) Copel. (det. E. B. Copeland)  
 ✓ 15141 *Planchonella vitiensis* Gillespie (det. C. Gilly)  
 ✓ 15142 *Syzygium gracilipes* (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 ✓ 15143 *Flagellaria indica* L.  
 ✓ 15144 *Tropidia effusa* Rechb.f. (det. L. O. Williams)  
 ✓ 15145 *Syngnagma pinnata* J. Sm. (det. E. B. Copeland)  
 ✓ 15146 *Tapinidium longipinnulum* (Ces.) C. Chr. (det. E. B. Copeland)  
 ✓ 15147 *Schefflera vitiensis* (A. Gray) Seem.  
 ✓ 15148 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
 ✓ 15149 *Durandea vitiensis* Stapf  
 15150 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)  
 ✓ 15151 *Eulophia macrostachya* Lindl. (det. L. O. Williams)  
 ✓ 15152 *Flacourtia ovata* Gillespie  
 ✓ 15153 *Alstonia Reineckea* Lauterb.  
 ✓ 15154 *Psychotria brevicalyx* Fosb. (det. F. R. Fosberg)  
 ✓ 15155 *Selaginella viridangula* Spring  
 ✓ 15156 *Erythrospermum acuminatissimum* (A. Gray) A. C. Smith  
 ✓ 15157 *Gnetum gnemon* L. var. *domesticum* (Rumph.) Mgf.  
 ✓ 15158 *Lindsaya decomposita* Willd. (det. E. B. Copeland)  
 ✓ 15159 *Canarium vitiense* A. Gray  
 ✓ 15160 *Selaginella*  
 ✓ 15161 *Athyrium bulbiferum* (Brack.) Copel. (det. E. B. Copeland)  
 ✓ 15162 *Orthopteris minor* (Hook.) Copel. (det. E. B. Copeland)  
 ✓ 15163 *Embelia gracilis* Turrill  
 ✓ 15164 *Glochidion ramiflorum* Forst. (det. L. Croizat)  
 ✓ 15165 *Ficus fulvo-pilosa* Summerhayes  
 ✓ 15166 *Athyrium melanocaulon* (Brack.) Milde (det. E. B. Copeland)  
 ✓ 15167 *Psychotria tetragona* Seem. (det. F. R. Fosberg)  
 ✓ 15168 *Clerodendrum speciosissimum* Van Geert (det. H. N. Moldenke)  
 ✓ 15169 *Geitonoplesium cymosum* (R. Br.) A. Cunn.  
 ✓ 15170 *Arundo donax* L. (det. A. Chase)  
 15171 *Psychotria Forsteriana* var. *vitiensis* A. Gray (det. F. R. Fosberg)  
 ✓ 15172 *Plerandra vitiensis* (Seem.) Baill.?  
 ✓ 15173 *Casuarina nodiflora* Forst.  
 ✓ 15174 *Balaka Seemannii* (H. Wendl.) Becc.  
 ✓ 15175 *Clematis Pickeringii* A. Gray  
 ✓ 15176 *Tapeinosperma*  
 ✓ 15177 *Pittosporum rhytidocarpum* A. Gray  
 ✓ 15178 *Psychotria crassiflora* Fosberg (type coll.)  
 ✓ 15179 *Piper Maegillivrayi* G. DC. *puberulum* (Renth.) Renth var. *glabrum* (C. DC.) A.C. Sm.  
 ✓ 15180 *Psychotria pittosporifolia* Fosberg (type coll.)  
 15180a *Psychotria timonioides* Fosberg (type coll.)  
 ✓ 15181 *Cyperus brevifolius* (Rottb.) Hassk. (det. H. O'Neill)  
 ✓ 15182 *Macaranga sanguinea* Gillespie (det. L. Croizat)  
 ✓ 15183 *Amaroria soulameoides* A. Gray  
 ✓ 15184 *Myristica Gillespieana* A. C. Sm.  
 ✓ 15185 *Ficus*  
 ✓ 15186 *Randia vitiensis* (Seem.) Fosb. (det. F. R. Fosberg)  
 15187 *Flagellaria indica* L.  
 ✓ 15188 *Vavaea Harveyi* Seem.  
 ✓ 15189 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)  
 ✓ 15190 *Melodinus vitiensis* Rolfe  
 15191 crypt.

- 15192 *Cephalomanes Boryanum* (Kunze) v.d.B.  
✓ 15193 *Ficus Pritchardii* Seem.  
✓ 15193a *Malaxis longifolia* (Rolfe) L. Wms. (det. L. O. Williams)  
✓ 15194 *Ficus Barclayana* (Miq.) Summerhayes  
✓ 15195 *Acronychia heterophylla* A. Gray  
✓ 15196 *Canarium vitiense* A. Gray  
✓ 15197 *Morinda Grayi* Seem. (det. F. R. Fosberg)  
✓ 15198 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
✓ 15199 *Ixora Harveyi* (A. Gray) A. C. Smith (det. F. R. Fosberg)  
15200 crypt.  
✓ 15201 *Plerandra vitiensis* (Seem.) Baill.  
✓ 15202 *Phaleria ixoroides* Fosberg  
✓ 15202a *Flacourtia ovata* Gillespie  
✓ 15203 *Claoxylon vitiense* Gillespie (det. L. Croizat)  
✓ 15204 *Xylophia Degeneri* A. C. Smith (type coll.)  
✓ 15205 *Erythrospermum acuminatissimum* (A. Gray) A. C. Smith  
✓ 15206 *Geniostoma rupestre* Forst.  
✓ 15207 *Pseuderanthemum laxiflorum* (A. Gray) Hubbard  
✓ 15208 *Gymnosporia vitiensis* (A. Gray) Seem.  
✓ 15209 *Phyllanthus cf. pergracilis* Gillespie (det. L. Croizat)  
✓ 15210 *Malaxis brevidentata* C. Schweinf. (det. L. O. Williams)  
✓ 15211 *Eulophia macrostachya* Rehb.f. (det. L. O. Williams)  
✓ 15212 *Spathoglottis plicata* Bl. (det. L. O. Williams)  
✓ 15213 *Psychotria tetragonoides* Fosb. (type coll.)  
✓ 15214 *Psychotria Degeneri* Fosb. (det. F. R. Fosberg)  
✓ 15215 *Selaginella victoriae* Bull.  
✓ 15216 *Alternanthera sessilis* (L.) R. Br.  
✓ 15217 *Lindernia crustacea* (L.) F. v. Muell.  
✓ 15218 *Bischofia javanica* Bl. (det. L. Croizat)  
✓ 15219 *Alphitonia zizyphoides* (Spreng.) A. Gray  
✓ 15220 *Asplenium falcatum* Lam. (det. E. B. Copeland)  
✓ 15221 *Grewia vitiensis* Turrill  
✓ 15222 *Microstegium glabratum* (Trin.) Camus (det. A. Chase)  
✓ 15223 *Microlepis Speluncae* (L.) Moore (det. E. B. Copeland)  
✓ 15223a *"Polypodium" nigrens* Bl. (det. E. B. Copeland)  
✓ 15224 *Ficus vitiensis* Seem.  
✓ 15225 *Corymborchis veratrifolia* (Reinw.) Bl. (det. L. O. Williams)  
✓ 15226 *Ficus fulvo-pilosa* Summerhayes  
✓ 15227 *Pteris tripartita* Sw. (det. E. B. Copeland)  
✓ 15228 *Cryptocarya Degeneri* Allen (det. C. K. Allen)  
✓ 15229 *Melastoma malabathricum* L.  
✓ 15230 *Elatostema australe* (Wedd.) Hall.f.  
✓ 15231 *Panicum oxyphyllum* Hochst. (det. A. Chase)  
✓ 15232 *Neonauclea Forsteri* (Seem.) Merr. (det. F. R. Fosberg)  
✓ 15233 *Cycas circinalis* L. subsp. *Seemannii* (A. Braun) Schuster  
✓ 15234 *Cyathea propinqua* Mett. (det. E. B. Copeland)  
✓ 15235 *Ficus Greenwoodii* Summerhayes  
✓ 15236 *Ficus*  
✓ 15237 *Geophila herbacea* (Jacq.) Kuntze (det. F. R. Fosberg)  
✓ 15238 *Ananas comosus* (L.) Merr. (det. L. E. Smith)  
✓ 15239 *Acacia Richii* A. Gray  
✓ 15240 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)  
✓ 15241 *Claoxylon vitiense* Gillespie (det. L. Croizat)  
✓ 15242 *Grewia vitiensis* Turrill  
✓ 15243 *Connarus Pickeringii* A. Gray

- 15244 *Geodorum pictum* (R. Br.) Lindl. (det. L. O. Williams)  
 ✓ 15245 *Psilotum nudum* (L.) Griseb. (det. E. B. Copeland)  
 15246 *Schizaea dichotoma* (L.) Sm. (det. E. B. Copeland)  
 ✓ 15247 *Pittosporum rhytidocarpum* A. Gray  
 ✓ 15248 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 ✓ 15249 *Citrus reticulata* Osb. (det. W. T. Swingle)  
 ✓ 15250 *Gousnia Richii* A. Gray  
 ✓ 15251 *Paratrophis anthropophagorum* (Seem.) B. & H.F.  
 ✓ 15252 *Baccaurea Wilkesiana* Muell. Arg. (det. L. Croizat)  
 ✓ 15253 *Goodyera Waitzeana* Bl. var. *vitiensis* L. Wms. (det. L. O. Williams)  
 15254 *Erythrodia*  
 15255 *Alyxia stellata* (Forst.) R. & S.  
 ✓ 15256 *Psychotria brevicalyx* Fosb. (det. F. R. Fosberg)  
 ✓ 15257 *Carruthersia scandens* Seem.  
 ✓ 15258 *Psychotria Archboldiana* Fosb. (det. F. R. Fosberg)  
 ✓ 15259 *Embelia gracilis* Turrill  
 ✓ 15260 *Ixora amplexicaulis* Gillespie (det. F. R. Fosberg)  
 15261 *Morinda Grayi* Seem. (det. F. R. Fosberg)  
 ✓ 15262 *Morinda mollis* A. Gray (det. F. R. Fosberg)  
 ✓ 15263 *Pleiogynium Solandri* (Benth.) Engl.  
 ✓ 15264 *Polyscias multijuga* (A. Gray) Harms  
 ✓ 15265 *Vavaea Harveyi* Seem.  
 ✓ 15266 *Alstonia vitiensis* Seem.  
 ✓ 15267 *Clematis Pickeringii* A. Gray  
 ✓ 15268 *Embelia gracilis* Turrill  
 15269 *Melodinus vitiensis* Rolfe  
 ✓ 15270 *Alyxia stellata* (Forst.) R. & S.  
 ✓ 15271 *Syzygium effusum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 15272 *Pittosporum rhytidocarpum* A. Gray  
 ✓ 15273 *Agathis vitiensis* (Seem.) B. & H.F.  
 ✓ 15274 *Geissos ternata* A. Gray  
 ✓ 15275 *Scaevola floribunda* A. Gray  
 ✓ 15276 *Psychotria tetragona* Seem. (det. F. R. Fosberg)  
 15277 *Psychotria Forsteriana* var. *vitiensis* A. Gray (det. F. R. Fosberg)  
 ✓ 15278 *Calanthe alta* Rehb. f. (det. L. O. Williams)  
 ✓ 15279 *Astronidium Degeneri* A. C. Smith (type coll.)  
 ✓ 15280 *Ficus Smithii* Horne  
 ✓ 15281 *Tectaria irregularis* (Presl) Copel. (det. E. B. Copeland)  
 ✓ 15282 *Tectaria crenata* Cav. (det. E. B. Copeland)  
 ✓ 15283 *Asplenium bipinnatifidum* Baker (det. E. B. Copeland)  
 ✓ 15284 *Cyperus auriculatus* Nees & Meyen (det. H. O'Neill)  
 ✓ 15285 *Dendrobium catillare* Rehb. f. (det. L. O. Williams)  
 ✓ 15286 *Cycas circinalis* L. subsp. *Seemannii* (A. Braun) Schuster  
 15287 *Parinarium glaberrimum* Hassk.  
 ✓ 15288 *Elatostema vitiense* (Wedd.) A. C. Smith  
 ✓ 15289 *Myristica chartacea* Gillespie  
 ✓ 15290 *Planchonella?*  
 ✓ 15291 *Psychotria Archboldiana* Fosb. (det. F. R. Fosberg)  
 ✓ 15292 *Psychotria brevicalyx* Fosberg (type coll.)  
 15292a *Psychotria Browerii* Seem.? (det. F. R. Fosberg)  
 ✓ 15293 *Psilotum nudum* (L.) Griseb. (det. E. B. Copeland)  
 15294 *Gynochthodes ovalifolia* var. *Smithii* Fosb. (det. F. R. Fosberg)  
 ✓ 15295 *Desmodium heterocarpum* (L.) DC.  
 ✓ 15296 *Geniostoma rupestre* Forst.  
 ✓ 15297 *Pseuderanthemum laxiflorum* (A. Gray) Hubbard



- ✓ 15298 *Tropidia effusa* Rechb.f. (det. L. O. Williams)
- ✓ 15299 *Liparis vitiensis* Rolfe? (L. condylobulbon?) (det. L. O. Williams)
- ✓ 15300 *Habenaria*
- ✓ 15300a *Malaxis*
- ✓ 15301 no specimen
- ✓ 15302 *Smilax vitiensis* (Seem.) A. DC.
- ✓ 15303 *Gouania Richii* A. Gray
- ✓ 15304 crypt.
- ✓ 15305 *Alyxia bracteolosa* Rich.
- ✓ 15306 *Elatostachys falcata* (A. Gray) Radlk.
- ✓ 15307 *Homalium laurifolium* A. C. Smith (type coll.)
- ✓ 15308 *Dysoxylum Hornei* Gillespie
- ✓ 15309 *Tetrastigma vitiensis* (A. Gray) A. C. Smith
- ✓ 15310 *Dysoxylum Seemannii* Gillespie?
- ✓ 15310a *Palaquium vitilevuense* Gilg (type coll.)
- ✓ 15311 *Leea indica* (Burm.f.) Merr.
- ✓ 15312 *Neonauclea Forsteri* (Seem.) Merr. (det. F. R. Fosberg)
- ✓ 15313 *Paratrophis anthropophagorum* (Seem.) B. & H.f.
- ✓ 15314 *Agatea violaris* A. Gray f. *mollis* A. C. Smith (type coll.)
- ✓ 15315 *Celastrus Richii* A. Gray
- ✓ 15316 *Psychotria Archboldiana* Fosb. (type coll.)
- ✓ 15317 *Maniltoa grandiflora* (A. Gray) Scheff.
- ✓ 15318 *Ficus Barclayana* (Miq.) Summerhayes
- ✓ 15319 *Ficus Greenwoodii* Summerhayes
- ✓ 15320 *Baccaurea Wilkesiana* Muell. Arg. (det. L. Croizat)
- ✓ 15321 *Alangium villosum* var. *vitiense* (A. Gray) Bloemb.
- ✓ 15322 *Psychotria carnea* (Forst.) A. C. Smith (Det. F. R. Fosberg)
- ✓ 15323 *Eulophia macrostachya* Lindl. (det. L. O. Williams)
- ✓ 15324 *Liparis condylobulbon* Rechb. f. (det. L. O. Williams)
- ✓ 15325 *Evodia hortensis* Forst.
- ✓ 15326 *Pogostemon Cablin* (Blanco) Benth.
- ✓ 15327 *Stachytarpheta mutabilis* (Jacq.) Vahl (det. H. N. Moldenke)
- ✓ 15328 *Ipomoea glaberrima* Boj.
- ✓ 15329 *Gyrocarpus americanus* Jacq.
- ✓ 15330 *Celastrus Richii* A. Gray
- ✓ 15331 *Jasminum Smithianum* Kobuski (type coll.)
- ✓ 15332 *Pittosporum Brackenridgei* A. Gray
- ✓ 15333 *Faradaya ovalifolia* (A. Gray) Seem. (det. H. N. Moldenke)
- ✓ 15334 *Aglais elegans* Gillespie
- ✓ 15335 *Psychotria Browerii* Seem. (det. F. R. Fosberg)
- ✓ 15336 *Phaleria montana* (Seem.) Gilg
- ✓ 15337 *Boehmeria virgata* (Forst.f.) Guillem.
- ✓ 15338 *Gouania Richii* A. Gray
- ✓ 15339 *Macaranga Harveyana* Muell. Art. (det. L. Croizat)
- ✓ 15340 *Maesa Parksii* Gillespie
- ✓ 15341 *Alphitonia zizyphoides* (Spreng.) A. Gray
- ✓ 15342 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)
- ✓ 15343 *Ficus Kajewskii* Summerhayes
- ✓ 15344 *Syzygium neurocalyx* (A. Gray) Christoph. (det. Merrill & Perry)
- ✓ 15345 *Culcita straminea* (Labill.) Maxon (det. E. B. Copeland)
- ✓ 15346 *Guioa rhoifolia* (A. Gray) Radlk.
- ✓ 15347 *Dodonaea viscosa* (L.) Jacq.
- ✓ 15348 *Canavalia maritima* (Aubl.) Thouars



- 15349 *Vaginularia paradoxa* (Fée) Mett. (det. E. B. Copeland)  
 ✓ 15350 *Tarennia sambucina* (Forst.) Dur. (det. F. R. Fosberg)  
 ✓ 15351 *Claoxylon fallax* Muell. Arg. (det. L. Croizat)  
 ✓ 15352 *Celastrus Richii* A. Gray  
 ✓ 15353 *Coprosma persicaefolia* A. Gray (det. F. R. Fosberg)  
 ✓ 15354 *Schefflera vitiensis* (A. Gray) Seem.  
 ✓ 15355 *Pittosporum rhytidocarpum* A. Gray <sup>May 28, 1941</sup>  
 ✓ 15356 *Trilocularia vitiensis* A. C. Smith (type coll.)  
 ✓ 15357 *Ficus Barclayana* (Miq.) Summerhayes  
 15358 *Calanthe*  
 ✓ 15359 *Colubrina asiatica* (L.) Brongn.  
 ✓ 15360 *Asplenium remotum* Moore (det. E. B. Copeland)  
 ✓ 15361 *Leptopteris Wilkesiana* (Brack.) C. Chr. (det. E. B. Copeland)  
 ✓ 15362 *Psychotria griseifolia* S. Moore (det. F. R. Fosberg)  
 ✓ 15363 *Tapeinosperma punctatum* Gillespie  
 ✓ 15364 *Dryopteris tenuifrons* C. Chr. (det. E. B. Copeland)  
 ✓ 15365 *Firmiana diversifolia* A. Gray  
 ✓ 15366 *Ficus*  
 ✓ 15367 *Ficus Greenwoodii* Summerhayes  
 ✓ 15368 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
 ✓ 15369 *Litsea magnifolia* Gillespie (det. C.K. Allen)  
 ✓ 15369a *Elaeocarpus*  
 ✓ 15370 *Elatostachys falcata* (A. Gray) Radlk.  
 ✓ 15371 *Cupaniopsis leptobotrys* (A. Gray) Radlk.  
 ✓ 15372 *Medinilla heterophylla* A. Gray  
 ✓ 15373 *Athyrium accedens* (Bl.) Milde (det. E. B. Copeland)  
 ✓ 15374 *Psychotria Degeneri* Fosb. (type coll.)  
 ✓ 15375 *Tarennia sambucina* (Forst.) Dur. (det. F. R. Fosberg)  
 ✓ 15376 *Dysoxylum Richii* (A. Gray) C. DC.  
 ✓ 15377 *Phaleria montana* (Seem.) Gilg  
 ✓ 15378 *Hedycarya dorstenioides* A. Gray  
 ✓ 15379 *Calycosia petiolata* A. Gray (det. F. R. Fosberg)  
 15380 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 ✓ 15381 *Leptopteris Wilkesiana* (Brack.) C. Chr. (det. E. B. Copeland)  
 ✓ 15382 *Psychotria griseifolia* S. Moore (det. F. R. Fosberg)  
 ✓ 15383 *Tapeinosperma punctatum* Gillespie  
 ✓ 15384 *Dryopteris tenuifrons* C. Chr. (det. E. B. Copeland)  
 ✓ 15385 *Firmiana diversifolia* A. Gray  
 ✓ 15386 *Ficus*  
 ✓ 15387 *Ficus Greenwoodii* Summerhayes  
 ✓ 15388 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
 ✓ 15389 *Litsea magnifolia* Gillespie (det. C. K. Allen)  
 ✓ 15389a *Elaeocarpus*  
 ✓ 15390 *Elatostachys falcata* (A. Gray) Radlk.  
 ✓ 15391 *Cupaniopsis leptobotrys* (A. Gray) Radlk.  
 ✓ 15392 *Medinilla heterophylla* A. Gray  
 ✓ 15393 *Athyrium accedens* (Bl.) Milde (det. E. B. Copeland)  
 ✓ 15394 *Psychotria Degeneri* Fosb. (type coll.)  
 ✓ 15395 *Tarennia sambucina* (Forst.) Dur. (det. F. R. Fosberg)  
 ✓ 15396 *Dysoxylum Richii* (A. Gray) C. DC.  
 ✓ 15397 *Phaleria montana* (Seem.) Gilg  
 ✓ 15398 *Hedycarya dorstenioides* A. Gray  
 ✓ 15399 *Calycosia petiolata* A. Gray (det. F. R. Fosberg)  
 ✓ 15399a *Psychotria Browerii* Seem. (det. F. R. Fosberg)

- ✓ 15381 *Geophila herbacea* (Jacq.) Kuntze (det. F. R. Fosberg)
- ✓ 15382 *Syzygium quadrangulatum* (A. Gray) Merr. & Perry (det. Merrill & Perry)
- ✓ 15383 *Saurauia rubicunda* (A. Gray) Seem.
- ✓ 15384 *Pittosporum Pickeringii* A. Gray
- ✓ 15385 *Leea indica* (Burm.f.) Merr.
- ✓ 15386 *Psychotria tephrosantha* A. Gray (det. F. R. Fosberg)
- ✓ 15387 *Leucosyke corymbulosa* (Wedd.) Wedd.
- ✓ 15388 *Diospyros lateriflora* (Hiern) Bakh. (det. F. R. Fosberg)
- ✓ 15389 *Alyxia bracteolosa* Rich., var. *angustifolia* A. Gray
- ✓ 15390 *Casearia longifolia* A. C. Smith (type coll.)
- ✓ 15391 *Mucuna gigantea* (Willd.) DC.
- ✓ 15392 *Garcinia pseudoguttifera* Seem.
- ✓ 15393 *Psychotria macrocalyx* A. Gray (det. F. R. Fosberg)
- ✓ 15394 *Selaginella*
- ✓ 15395 *Micromelum minutum* (Forst.) Seem.
- ✓ 15396 *Alyxia linearifolia* A. C. Smith (type coll.)
- 15397 *Melodinus glaber* Turrill
- ✓ 15398 *Guioa concolor* Gillespie
- ✓ 15399 *Melochia odorata* L.f.
- ✓ 15400 *Taetsia fruticosa* (L.) Merr.
- ✓ 15401 *Taranna sambucina* (Forst.) Dur. (det. F. R. Fosberg)
- ✓ 15402 *Procris pedunculata* var. *ornata* A. C. Smith
- ✓ 15403 *Ficus obliqua* Forst.
- ✓ 15404 *Operculina Turpethum* (L.) S. Manso
- ✓ 15405 *Dioscorea alata* L.
- ✓ 15406 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)
- ✓ 15407 *Marattia Smithii* (Mett.) Kuhn (det. E. B. Copeland)
- ✓ 15408 *Goodyera Waitzeana* Bl. var. *vitiensis* L. Wms. (det. L. O. Williams)
- ✓ 15409 *Calanthe*
- 15410 *Tropidia effusa* Rehb. f. (det. L. O. Williams)
- 15411 crypt.
- ✓ 15412 *Cryptocarya Degeneri* Allen (type coll.)
- ✓ 15413 *Ficus begoniifolia* Summerhayes
- ✓ 15414 *Ficus Kajewskii* Summerhayes
- 15415 *Diospyros lateriflora* (Hiern) Bakh. (det. F. R. Fosberg)
- ✓ 15416 *Dryopteris Harveyi* (Mett.) Kuntze? (det. E. B. Copeland)
- 15417 *Hymenolepis mucronata* Fée
- ✓ 15418 *Balanophora fungosa* Forst.
- ✓ 15419 *Pseudomorus Brunoniana* (Endl.) Bur.
- ✓ 15420 *Calophyllum inophyllum* L.
- 15421 *Pittosporum rhytidocarpum* A. Gray
- ✓ 15422 *Aglaia samoensis* A. Gray
- ✓ 15423 *Vaginularia paradoxa* (Fée) Mett.
- ✓ 15424 *Celastrus Richii* A. Gray
- 15425 *Goniophlebium subauriculatum* (Bl.) Presl (det. E. B. Copeland)
- ✓ 15426 *Phaleria montana* (Seem.) Gilg
- ✓ 15427 *Celastrus Richii* A. Gray
- ✓ 15428 *Asplenium cuneatum* Lam. (det. E. B. Copeland)
- ✓ 15429 *Canarium vitiense* A. Gray
- ✓ 15430 *Drypetes vitiensis* Croizat (type coll.)
- ✓ 15431 *Pittosporum Pickeringii* A. Gray
- ✓ 15431a *Ficus Barclayana* (Miq.) Summerhayes
- ✓ 15432 *Elattostachys falcata* (A. Gray) Radlk.

- ✓ 15433 *Cynometra insularis* A. C. Smith  
 ✓ 15434 *Elatostema australe* (Wedd.) Hallf.  
 ✓ 15435 *Koelreuteria formosana* Hayata  
 ✓ 15435a *Xylosma Archboldianum* A. C. Smith (type coll.)  
 ✓ 15436 *Tetrastigma vitiensis* (A. Gray) A. C. Smith  
 ✓ 15437 *Salacia pachycarpa* A.C. Smith (type coll.)  
 ✓ 15438 *Hedycarya dorstenioides* A. Gray  
 ✓ 15439 *Schefflera vitiensis* (A. Gray) Seem.  
 ✓ 15440 *Plerandra Pickeringii* A. Gray  
 ✓ 15441 *Tectaria latifolia* (Forst.) Copel. (det. E. B. Copeland) *9 puberula var. latifolia*  
 ✓ 15442 *Tectaria latifolia* (Forst.) Copel. (det. E. B. Copeland) *var. v. formosa!!*  
 15443 no specimen  
 ✓ 15444 *Acalypha Wilkesiana* Muell. Arg. f. *circinata* Muell. Arg. (det. L. Croizat)  
 15445 *Acalypha Wilkesiana* Muell. Arg. (det. L. Croizat)  
 ✓ 15446 all returned to Degener  
 15447 no specimen  
 ✓ 15448 *Sapindus vitiensis* A. Gray  
 15449 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 15450 *Litsea montana* Turrill (det. C. K. Allen)  
 ✓ 15451 *Ixora vitiensis* A. Gray (det. F. R. Fosberg)  
 ✓ 15452 *Saccolabium constrictum* Rechb. f. (det. L. O. Williams)  
 ✓ 15453 *Embelia gracilis* Turrill  
 ✓ 15453a *Asplenium gibberosum* (Forst.) Mett. (det. E. B. Copeland)  
 ✓ 15454 *Pittosporum rhytidocarpum* A. Gray 6/6/4/  
 ✓ 15455 *Ficus Pritchardii* Seem.  
 ✓ 15456 *Pandanus tectorius* Sol. var. *suvaensis* (Mart) Merr. & Perry (det. Merrill & Perry)  
 ✓ 15457 *Litsea montana* Turrill (det. C. K. Allen)  
 ✓ 15458 *Metrosideros collina* var. *glaberrima* A. Gray (det. Merrill & Perry)  
 ✓ 15459 *Metrosideros collina* - toward var. *glaberrima* A. Gray (det. Merrill & Perry)  
 ✓ 15460 *Claoxylon sitibundum* Croizat (type coll.)  
 ✓ 15461 *Geniostoma rupestre* Forst.  
 ✓ 15462 *Diospyros lateriflora* (Hiern) Bakh. (det. F. R. Fosberg)  
 ✓ 15463 *Deeringia amarantoides* (Lam.) Merr.  
 15464 *Gymnosporia vitiensis* (A. Gray) Seem.  
 ✓ 15465 *Oberonia heliophila* Rechb. f. (det. L. O. Williams)  
 ✓ 15466 *Syzygium amicum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 ✓ 15467 *Dendrobium Tokai* Rechb.f. (det. L. O. Williams)  
 ✓ 15468 *Ficus Kajewskii* Summerhayes  
 ✓ 15469 *Equisetum ramosissimum* Desv. (det. E. B. Copeland)  
 ✓ 15470 *Elatostema Seemannianum* A. C. Smith  
 ✓ 15471 *Trema orientalis* (L.) Bl.  
 ✓ 15472 *Microstegium glabratum* (Trin.) Camus (det. A. Chase)  
 ✓ 15473 *Melothria Grayana* Cogn.  
 ✓ 15474 *Ficus Greenwoodii* Summerhayes  
 ✓ 15475 *Ficus fulvo-pilosa* Summerhayes  
 ✓ 15476 *Macaranga Harveyana* Muell. Arg. (det. L. Croizat)  
 15477 *Malaxis*  
 ✓ 15478 *Loxogramme Parksii* Copel. (det. E. B. Copeland)  
 ✓ 15479 *Laportea vitiensis* Seem.  
 ✓ 15480 *Asplenium laserpitiifolium* Lam. (det. E. B. Copeland)  
 15481 *Phaius Graeffei* Reichb.f. (det. L. O. Williams)  
 ✓ 15482 *Trichospermum calyculatum* (Seem.) Burret  
 ✓ 15483 *Elatostema australe* (Wedd.) Hallf.

- 15434 no specimen *Athyrium tripinnatifidum* Copel.  
 15435 no specimen *Athyrium melanocaulon* (Brack.) Milde  
 15436 *Ficus Kajewskii* Summerhayes  
 15437 no specimen *Athyrium melanocaulon* (Brack.) Milde  
 15438 *Angiopteris evecta* (Forst.) Hoffm. (det. E. B. Copeland)  
 15439 *Alangium villosum* var. *vitiense* (A. Gray) Bloemb.  
 15490 *Syzygium Richii* (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 15491 *Cynometra insularis* A. C. Smith (type coll.)  
 15492 *Litsea montana* Turrill (det. C. K. Allen)  
 15493 *Thunbergia grandiflora* Roxb.  
 15494 *Cynometra insularis* A. C. Smith  
 15495 *Garcinia pseudoguttifera* Seem.  
 15496 *Diospyros ferrea* var. *angustifolia* (Miq.) Bakh.? (det. F. R. Fosberg)  
 15497 *Rhus taitensis* Guill.  
 15498 *Dysoxylum Seemannii* Gillespie  
 15499 *Polyscias multijuga* (A. Gray) Harms  
 15500 *Alangium villosum* var. *vitiense* (A. Gray) Bloemb.  
 15501 *Syzygium malaccense* (L.) Merr. & Perry (det. Merrill & Perry)  
 15502 *Cayratia Seemanniana* A. C. Smith (type coll.)  
 15503 no specimen  
 15504 *Carruthersia latifolia* Gillespie  
 15505 *Cleidion Degeneri* Croizat (det. L. Croizat)  
 15506 *Mallotus acuminatus* Muell. Arg. (det. L. Croizat)  
 15507 *Agatea violaris* A. Gray  
 15508 *Guioa concolor* Gillespie  
 15509 *Ficus Pritchardii* Seem.  
 15510 *Schefflera vitiensis* (A. Gray) Seem.  
 15511 *Cyathea propinqua* Mett. (det. E. B. Copeland)  
 15512 *Athyrium tripinnatifidum* Copel. (det. E. B. Copeland)  
 15513 *Paratrophis anthropophagorum* (Seem.) B. & H.f.  
 15514 *Arthropteris Archboldae* Copel. (type coll.)  
 15515 *Nesoluma Degeneri* Gilly (det. C. Gilly)  
 15516 *Tropidia effusa* Rchb. f. (det. L. O. Williams)  
 15517 *Tylophora Brackenridgei* A. Gray  
 15518 *Selaginella firmula* A. Br.  
 15519 *Trilocularia vitiensis* A. C. Smith  
 15520 *Syzygium neurocalyx* (A. Gray) Christoph. (det. Merrill & Perry)  
 15521 *Selaginella viridangula* Spring  
 15522 *Calycosia petiolata* A. Gray (det. F. R. Fosberg)  
 15523 *Wormia biflora* (A. Gray) Seem.  
 15524 *Medinilla heterophylla* A. Gray  
 15525 *Psychotria Browerii* Seem. (det. F. R. Fosberg)  
 15526 *Leea indica* (Burmf.) Merr.  
 15527 *Goodyera Waitzeana* Bl. var. *vitiensis* L. Wms. (det. L. O. Williams)  
 15528 *Malaxis*  
 15529 no specimen  
 15530 *Malaxis*  
 15531 *Malaisia scandens* (Lour.) Pl.  
 15532 *(Caesalpinia) crista* L. *gulaudina*  
 15533 crypt.  
 15534 crypt.  
 15535 crypt.  
 15536 crypt.  
 15537 crypt.  
 15538 crypt.  
 15539 crypt.  
 15540 crypt.



- Euph 15541 *Acalypha* cf. *repanda* Muell. Arg. (det. L. Croizat)  
 15541a *Gleichenia japonica* Spreng.  
 Rub 15542 *Abramsia trichotoma* Gillespie (det. F. R. Fosberg)  
 15542a *Dipteris conjugata* Reinw.  
 Leg 15543 *Crotalaria mucronata* Desv.  
 Sim 15543a *Amaroria soulameoides* A. Gray  
 15544 *Tectaria elegans* Copel. (type coll.)  
 15544a *Syrropodon mamillatus* C. M. (det. E. B. Bartram)  
 15544b *Rhizogonium setosum* Mitt. (det. E. B. Bartram)  
 Euph 15545 *Polyscias multijuga* (A. Gray) Harms  
 Euph 15546 *Acalypha denudata* Muell. Arg. (det. L. Croizat)  
 15546a *Ectropothecium cyathicarpum* (C. M.) Jaeg. (det. E. B. Copeland)  
 Euph 15547 *Croton* cf. *Storckii* Seem. (det. L. Croizat)  
 15547a no specimen  
 15548 *Barbula consanguinea* Th. & Mitt. (det. E. B. Bartram)  
 15549 *Trichostelium Boschii* (D. & M.) Jaeg. (det. E. B. Bartram)  
 15550 *Ectropothecium malacoblastum* (C. M.) Par.? (det. E. B. Bartram)  
 15551 *Rhizogonium setosum* Mitt. (det. E. B. Bartram)  
 15552 *Trichostelium hamatum* (D. & M.) Jaeg. (det. E. B. Bartram)  
 15553 *Gynochthodes ovalifolia* var. *Smithii* Fosb.? (det. F. R. Fosberg)  
 Rub 15554 *Parinarium glaberrimum* Hassk.  
 Ros 15555 *Selaginella victorinae* Bull.  
 Pip 15556 *Piper Maegillivrayi* C. DC. *melanostachyum* C. DC.  
 Laur 15557 *Cryptocarya* prob. n. sp.  
 Mor 15558 *Ficus Kajewskii* Summerhayes  
 Bil. 15559 *Geitonoplesium cymosum* (R. Br.) A. Cunn.  
 Symp 15560 *Symplocos leptophylla* (Brand) Turrill  
 Mor 15561 *Ficus Smithii* Horne  
 Thym 15562 *Phaleria glabra* (Turrill) Domke  
 Port 15563 *Portulaca samoensis* v. Poelln.  
 Euph 15564 *Acalypha anisodonta* Muell. Arg. (det. L. Croizat)  
 Tax 15565 *Podocarpus nerifolia* D. Don  
 15566 *Saccoloma moluccanum* (Bl.) Mett.  
 Orch 15567 *Calanthe hololeuca* Reichb.f. (det. L. O. Williams)  
 15568 *Lycopodium pseudophlegmaria* Kuhn  
 Euph 15569 *Trigonostemon* (?) *voratus* Croizat (type coll.)  
 Euph 15570 *Cleidion Degeneri* Croizat (type coll.)  
 Rub 15571 *Psychotria Forsteriana* var. *vitiensis* A. Gray (det. F. R. Fosberg)  
 Euph 15572 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)  
 Rub 15573 *Procris pedunculata* var. *ornata* A. C. Smith  
 Mor 15574 *Ficus bambusaefolia* Seem.  
 15575 *Elatostema australe* (Wedd.) Hall. f.  
 Zill 15576 *Saurauia rubicunda* (A. Gray) Seem.  
 Geom 15577 *Cyrtandra involucrata* Seem. vel aff.  
 15578 *Elatostema eximium* A. C. Smith (type coll.)  
 Sim 15579 *Amaroria soulameoides* A. Gray  
 Euph 15580 *Excoecaria acuminata* Gillespie (det. L. Croizat)  
 Rub 15581 *Psychotria carnea* (Forst.) A. C. Smith (det. F. R. Fosberg)  
 Leg 15582 *Strychnos vitiensis* A. W. Hill  
 15583 *Alphitonia zizyphoides* (Spreng.) A. Gray  
 Aral 15584 *Plerandra Pickeringii* A. Gray  
 15585 *Freycinetia Milnei* Seem. (det. Merrill & Perry)  
 Rub 15586 *Psychotria tetragona* Seem.? (det. F. R. Fosberg)

- 15537 *Endospermum*  
 15538 *Miscanthus japonicus* Anderss.  
 15539 *Opniorniza laxa* A. Gray (det. F. R. Fosberg)  
 15590 *Dolicholobium oblongifolium* var. *Degeneri* Fosb. (det. F. R. Fosberg)  
 15591 *Syzygium gracilipes* (A. Gray) C. Muell. (det. Merrill & Perry)  
 15592 *Planchonella*  
 15593 *Geniostoma rupestre* Forst.  
 15594 *Hedyocarya dorstenioides* A. Gray  
 15595 *Syzygium effusum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 15596 *Cyrtandra Harveyi* Seem.  
 15597 *Couthovia corynocarpa* A. Gray  
 15598 *Claoxylon fallax* Muell. Arg. (det. L. Croizat)  
 15599 *Santaloides vitiense* Schellenb.  
 15600 *Psychotria Pickeringii* A. Gray (det. F. R. Fosberg)  
 15601 *Psychotria Forsteriana* var. *vitiensis* A. Gray (det. F. R. Fosberg)  
 15602 *Gnetum gnemon* L. var. *domesticum* (Rumph.) Mgf.  
 15603 *Ficus Pritchardii* Seem.  
 15604 *Strychnos vitiensis* A. W. Hill  
 15605 *Psychotria Gibbsiae* var. *velutina* Fosb. (type coll.)  
 15606 *Syzygium gracilipes* (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 15607 *Gonystylus punctatus* A. C. Smith (type coll.)  
 15608 *Phyllanthus pergracilis* Gillespie (det. L. Croizat)  
 15609 *Geissois ternata* A. Gray  
 15610 *Dysoxylum Hornei* Gillespie  
 15611 *Connarus Pickeringii* A. Gray  
 15612 *Barringtonia petiolata* A. C. Smith  
 15613 *Gouania Richii* A. Gray 15,613a *Orthoferis furellacea* (Moore) Copel.  
 15614 *Psychotria carnea* (Forst.) A. C. Smith (det. F. R. Fosberg)  
 15615 *Quamoclit coccinea* var. *nederifolia* (L.) House  
 15616 *Dyschoriste repanda* (A. Gray) A. C. Smith  
 15617 *Corymbochis veratrifolia* Bl. (det. L. O. Williams)  
 15618 *Bryophyllum pinnatum* (Lam.) Kurz  
 15619 *Cyrtandra Aloisiana* A. C. Smith  
 15620 *Psychotria brevicalyx* Fosb. (det. F. R. Fosberg)  
 15621 *Ficus Smithii* Horne  
 15622 *Tapeinosperma Hornei* Mez  
 15623 *Psychotria Pritchardii* Seem.  
 15624 *Syzygium effusum* (A. Gray) C. Muell. (det. Merrill & Perry)  
 15625 *Jasminum simplicifolium* Forst. (det. C. E. Kobuski)  
 15626 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)  
 15627 *Psychotria Archboldiana* Fosb.  
 15628 *Claoxylon fallax* Muell. Arg. (det. L. Croizat)  
 15629 *Psychotria Archboldiana* Fosb.  
 15630 *Trilocularia vitiensis* A. C. Smith  
 15631 *Rubus moluccanus* L.  
 15632 *Baccaurea stylaris* Muell. Arg. (det. L. Croizat)  
 15633 *Decaspermum vitiense* (A. Gray) Guill. (det. Merrill & Perry)  
 15634 *Saurauia rubicunda* (A. Gray) Seem.  
 15635 *Jasminum simplicifolium* Forst. (det. C. E. Kobuski)  
 15636 *Tapeinosperma Hornei* Mez  
 15637 *Ficus Smithii* Horne  
 15638 *Medinilla Amoena* Seem.  
 15639 *Micromelum minutum* (Forst.) Seem.  
 15640 *Laportea vitiensis* Seem.  
 15641 *Syzygium Richii* (A. Gray) Merr. & Perry (det. Merrill & Perry)  
 15642 *Dysoxylum Seemannii* Gillespie?