# ACCOUNT BOOKS

144 PAGES • 7¾ IN. x 5¼ IN. (20 cm x 13.4 cm)

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VERNON McMILLAN Inc., ELIZABETH, NJ 07208
Hickory Lane and vicinity.
June 20, 1981.

10500. Rubus phoenicolasius Maxim. Rosac.
F (2) n.v. "wineberry"
Seedpelt prickly shrub in woods.
Petals pink.

10501. Ilex verticillata (L.) Gray. Aquifol.
F (1) "Deciduous holly"
Shrub 2.5 m. tall along revine. Fl. white.

N.v. "chamomile"
Tanacetum parthenium (L.) Sch. Bip.
N.v. "feverfew"

10504. Lychnis flos-cuculi L. Caryophyll.
(2) Cult. herb in wet, seepy area.
Petals pale pink
N.v. "ragged robin"
10505. *Trapa natans* L.  
(2) Cult. Annual aquatic herb. Rosette floating but attached to bottom via long slender rhizomes. Buds yellow.

(1) Cult. Climbing shrub on pin oak (*Quercus palustris*). Flowers greenish cream.

10507. *Clematis*  
(1) Cultivated vine 2.5 m. tall. Tepals wine red.

10508. *R.* *Nasturtium officinale* R. Br.  
(1) Fragile herb in wet area in seep. Fls. White.

10509. *Osmunda regalis*  
(1) Cultivated fern in wet area.

10510. *Amianthium muscaetoxicum*  
(1) (Walt.) Gray  
Hr. "Fly poison"
10511. Lysimachia nummularia L. Primula.  
F (1) Creeping prostrate herb in marshy woods and cultivated ground.  
Fls. yellow.

10512. Alliaria officinalis Andr. Crucif.  
F (1) "N. v. garlic mustard"  
Garlic-scented herb in woods.  
Very common. Fls. white.

10513. Glyceria striata (Lam.) Hitchc. Gram.  
F (1) Grass in old sandy stream-bed.

F (1) Cultivated and escaping herb.  
Fls. pele blue.

10515. Calycanthus floridus L. Calycanth.  
F (1) Cultivated shrub 1-2 m. tall. Flowers dark red.

10516. Sambucus canadensis L. Caprif.  
F (1) Shrub 2 m. tall on stream bank.  
Fls. creamy white.

10517. Duchesnea indica (Agr.) Focke Rosac.  
F (1) Prostrate weed. Fl. yellow. Fr. red.
10518. Cornus stolonifera Michx.  
Corn.  
F (1)  Shrub 2.5 m. tall along creek.  
Fls. white. Pith dull pink.  

10519. Buxus sempervirens L.  
Buxus.  
F (1)  Cultivated shrub 1.5 m. tall. Leaves shiny above. Fls. pale cream.

10520. Cerastium vulgatum L.  
Caryophyllaceae.  
(1)  Weed in damp lawn. Petals white.

10521. Rubus flagellaris  
Roseae.  
F (1)  n.v. blackberry.  
Prickly scramblong shrub 1.5 m. tall.  
On stream bank. Fruit green.

10522. Cotoneaster horizontalis Decne.  
Decneae.  
F (1)  Cultivated low shrub with strong flattened branching.  
Fls. reddish.  

10523. Malus sp.  
Rosaee.  
F (1)  Cult. tree 5 m. tall. Fruits dark red. n.v. "Crabapple".

10524. Aglaonema  
Area.  
F (1)  Cultivated house plant. Lvs. grey-green, mottled with dark green splottes.
Immun se peaks green.

\[ F (1) \] Cultivated creeping herb, succulent.
\[ Fls. white. \]

\[ F (1) \] Cultivated creeping succulent herb.
\[ Fls. yellow. \]

\[ F (1) \] Cultivated. Tall herb 80 cm. Fls. bright pink.
\[ House plant. \]

\[ F (2) \] Cultivated bulbous herb in pot. Flowers bilabiated, bright red.

\[ F (1) \] Cultivated creeping succulent herb in rock garden. Fls. yellow.

\[ (2) \] Aquatic herb in pond. Fls.
\[ yellow. \]
10531. Peltandra virginica (L.) Schott & Endl.  
F (4). Cultivated aquatic herb in pond. Spathe green, av. "arrow-arum"  

10532. Acorus calamus L.  

Pennsylvania: Dauphin County. 
Lancaster Township. Colonial Park, east of Harrisburg. 
20 June 1981.

10533. Gymnocladus dioica (L.) K. Koch Leg.  
B (3) Cult. Tree 10 m. tall. Frs. of current year still green. Last year's fruit collected from ground.

10534. Pieris japonica (Thumb.) D. Don ex G. Don  
F Cult. Shrub 7.5 m. tall. Fruits green.  

10535. Acer negundo L.  
F H. V. Box Elder 
Tree 7 m. tall. Frs. green.

10536. *Aralia nudicaulis* L. **Araliaceae**
F (1) Herb in rich woods on streambank. Fr. light green. n.v. "false sarsaparilla"

10537. *Equisetum arvense* L. **Equisetaceae**
F (1) Growing on open streambank.

10538. *Maianthemum canadense* L. **Lilaceae**
F (1) Diminutive herb in rich hemlock woods. FR. green.

10539. *Crataegus*
(1) Tree 6 m, growing near hunting cabin along stream in clearing. Fruit green.

10540. *Dryopteris intermedia* (Muhl. ex Willd.) A. Gray
F (1) Fern in rich woods.

10541. **Coronilla varia** L. Legum.  
(1) Perennial herb on open roadbank.

F  Banner pale red-violet. Wing + keel white.

h.v. "Crown vetch"- rapidly spreading throughout this area.

10542. **Rumex britannica** L. Polygonace.  
(1) growing in shallow stream among rocky islands.

10543. **Hamamelis virginiana** L. Hamamel.  
(1) Shrub 4m. tall in rich woods on steep stream bank.

10544. **Amelanchier laevis** Wieg. Rosae.  
(1) Treelet 4 in. tall in rich woods on steep stream bank. Fruits green.

10545. **Geum canadense** Jacq. Rosae.  
(1) Herb in rich woods along roadside. Petals white.

10546. **Rubus**  
(1) Trailing herb on open rock face along stream. Fruit red.
10547. **Waldsteinia fragarioides** (Michx.) Rosed.
F (1) **Trott.** 
Growing on open streambank. Flowers yellow.

10548. **Acer spicatum** Lam. 
F (1) **Aceraceae.** 
Treelet 4 m. tall on open streambank. Frs. reddish green.

10549. **Malus sylvestris** Mill. Rosed.
(1) N.V. "apple" 
F Cultivated tree near hunting cabin in woodland clearing. Fruits green.

10550. **Veratr um viride** Ait. var. **viride** Liliaceae.
N.V. "white hellebore"

10551. **Allium tricoccum** Ait. Liliaceae.
(1) N.V. "ramp" 
F Growing on sandy streambank in woods. Buds cream.

10552. **Saxifraga pensylvanica** L. Saxifragaceae.
F (2) Moi st streambank. Frs. light green.
Pennsylvania: Sullivan County.
Hillsgrove. Banks of the Loyal-Sock Creek.
18 June 1981.

F PAC (3) Tree 15 m. on streambank.
Comes green turning brown.

F (1) Treelet 4 m. tall on streambank.
Fruit light green. Frequent.

10555. *Lysimachia ciliata* L. Primulac.
F (1) Herb on open sandy stream bank.

F PAC (2) Herb 1 m. tall on open sandy stream bank.
Filament white.

F PAC (2) Spreading herb in open field.
Fis. white. Roots reddish.

F PAC (2) Viscid herb on sandy stream bank.


10562. *Juglans cinerea* L. *Juglandaceae*. (2) "Butternut" F Tree 15 m. tall with spreading crown near habitations along stream. Young fruits green.

10563. *Rhus typhina* L. (1) Shrub 3 m. tall forming dense thicket at edge of field. Fruits red.
10564. Rhus typhina L.  
F (1) Shrub 3 m. tall forming dense thicket at edge of field. Flowers buds yellow-green.

Pennsylvania: Sullivan County. Ogdenia, near the confluence of Ogdenia Creek and Kettle Creek, east of Stock Creek near Route 87.

18 June 1981.

10565. Prunus virginiana L.  

10566. Sisyrinchium  
F (1) Herb on sandy open stream bank. Fl. pale blue.

10567. Galium tinctorium L.  
F (1) Herb on open sandy stream bank.

10568. Hydrocotyle americana L.  
F (1) Diminutive herb on open sandy stream bank.
10569. Ponicum clandestinum L. Gram.
F (1) grass on open sandy streambank.

10570. Lotus corniculatus L. Legum.
F (1) Aggressive sprawling herb in disturbed roadside area. Flowers golden yellow.

10571. Liriodendron tulipifera L. Magnol.
F (4) Cultivated tree 13 m. tall x 75 cm. diameter. Petals greenish yellow with orange markings.

F (1) Sedge on open sandy streambank.

Pennsylvania: Sullivan County.

Loyalsock Creek, below confluence of Ogdonias Creek, near Route 87.

18 June 1981.

10573. Adiantum pedatum L. Wooded
F (1) Fern on moist bank.
10574. Asplenium trichomanes L. Fern on steep rock face in hemlock woods above creek.


10576. Podophyllum peltatum L. Berberid. (1) "may apple" Rhizomatous herb in margin of woods. Young fruit green.

10577. Penstemon digitalis L. Scroph. (1) Herb in open clearing on streambank. Fls. white with fine magenta nectar guide.


10580. Stellaria graminea  Cerophyll.
F (1)  Sprawling delicate herb in clearings along stream bank. Petals white.

10581. Cystopteris fragilis
F (1)  Fern on steep wet ledge above stream in hemlock woods.

F (1)  Rhizomatous herb in rich hemlock woods on stream bank. Petals rose, leaves pale pink beneath, petals white, striped rose, with yellow spot at base.

10583. Athyrium filix-femina (L.) Bernh.
F (1)  Fern among rocks on steep bank along stream under hemlocks. der. R. G. Stolze 1984. (L.) Slosson

10584. Dryopteris Thelypteris phyllopteris

10585. Phalaris arundinacea
F (1)  Grass 1.5 m. tall in clearing along stream bank.

10587. Lepitorea canadensis (L.) Weed. F (1) Herb in rich woods. FIs. yellowish green.


10589. Hydrophyllum appendiculatum Michx. F (1) Herb in rich woods. FIs. white.

10590. Sambucus pubens Michx. Caphyr. F (1) Shrub 2 m. tall on moist road bank. FIs. red.

10591. Hydrangea arborescens L. Saxifr. F (2) Shrub 1.5 m. tall in rich woods on steep bank. FIs. cream.

10593. *Fagus grandifolia* Ehrh.  
Tree 15 m. tall x 20 cm DBH.  
in forested hillside along Rt. 87.

10594. *Echium vulgare*  
Borag.  
Coarse herb 0.8 m. tall on sandy  
river island. Corolla pink turning  
pale blue.

10595. *Betula nigra* L.  
Betula.  
Tree 12 m. tall on river island.  
Bark papery, peeling.

Acer.  
Tree 14 m. tall x 20 cm DBH.  
growing on streambank. Bark  
grey, smooth. FR. green.

10597.  
Crucif.  
Herb on open sandy river island.  
Fls. bright yellow.

10598. *Scrophularia lanceolata* Pursh.  
Scroph.  
Herb 1 m. tall in clump on open  
border of sandy river island. Corolla copper  
brown.
10599. Myosotis aquaticum (L.) Moench.
F (1) Herb on open sandy river island. F1s. White.

10600. Platanus occidentalis
F PAC Tree 15 m. tall x 20 cm. DBH.
with peeling splotchy bark.
Growing on river island.

10601. Apocynum sibiricum L
F (1) Erect branching herb in shallows
of rocky open stream 0.8 m. tall.
Stems red. Flowers cream.

10602. Lycopsis alba
F (1) Herb on open sandy river island.

10603. Verbena x engelmannii Moldenke
F (1) Herb on open sandy river island.

10604. Physocarpus opulifolius (L.) Maxim. Rosae
(1) Shrub 1.5 m. tall on open sandy
river island. Petals white.
10605. Tussilago farfara L. Comp. F (1) Herb on open sandy river island. "coltsfoot"

10606. Geranium robertianum L. Geraniaceae F (1) Herb in margin of rich woods. Petals pink with white stripes.


10607. Kalmia latifolia F (1) "mountain laurel" Shrub 1.5 m. tall. Fls. White.

10608. Diervilla lonicera Mill. Caprifoliaceae F (1) Erect shrub 40 cm. on exposed hill top. Corolla yellow.

10609. Melampyrum lineare Desr. Scrophulariaceae F (1) Growing on exposed mountain top with Kalmia latifolia, Vaccinium and Lysimechiia quadri folia.

10610. Valeriana officinalis L. Valeriana.
F (2) Scopose perennial herb growing in small colony on road bank near hunter's cabin. Flowers white.


10611. Daucus carota L. F (1) Cultivated carrot.


10613. Rosa sp. F (1) Thorny shrub 1m. Petals pale yellow with pink bluish.

10614. Chrysanthemum × morifolium "Dendranthema"

10615. Brassica oleracea L. gonglyloides Group (1) "kohl rabi"
F Cult. herb with flabby swollen stem.
10616. Beta vulgaris L. var. cicla L.


10617. Salvia roseopicta (Cinna) Regel


10618. Mentha spicata L.
Cult. Rhizomatous herb.

F. FIs. pale lavender. Strongly aromatic. Infected with uredospores of Puccinia mentheae Pers.

10619. Raphanus sativus L.
Cult. herb. FIs. pink. Fruits yellowish green.
10620. *Brassica hirta Moench*  
(2) “mustard” – grown from  
F Commercial mustard seed from  
BH supermarket. FRS. green.  
(= 10488) (= *Sinapis alba* L.)

10621. *Tagetes erecta* L.  
F (1) “garden marigold” – det Dillon 981.  
BH Volunteer. FRS. yellow.

10622. *Phaseolus vulgaris* L.  
(2) Mexico Black Bean  
F BH Cult. in vegetable garden. FRS. pink.  
FRS. green.

15 July 1981.

10623. *Paphiopedilum callosum*  
(1) Cult. house plant. FRS. dark  
F pink & white striped.

University of Chicago. 22 July 81.

10624. *Hymenocallis tubiflora* Salisb.  
(3) Cult. bulbiferous herb.  
F BH FRS. pure white, fragrant in  
the evening.  
From Plovdiv 7657  
Venezuela.
Chicago, Ill. 26 July 81.

10625. Polygonum \textit{cespitosum} var. \textit{longisetum} (de Bruyn) Stewart
Helsted & Cornelius
Very common weed in garden + waste places
FIs. deep pink.

10626. Polygonum \textit{persicaria} L.
(2) Common weed in waste places
FIs. purp.

9 Aug 81 Chicago, \textit{C. chinense} Teg.     \textit{C. annuum} L. var. \textit{annuum}

10627. Capsicum \textit{annuum} L. var. \textit{annuum}
"oj\'yuquitania" det. W.H. Eskbaugh 1982
F (1) Cultivated herb, 40 cm. tall.
Leaves deep green shiny above,
Somewhat bullate; dull paler green
beneath. Flowers \textit{laevis}, nodding,
solitary; petals creamy white,
sterile blade, pollen cream.
Grown from seed from Chile peppers
Collected among the Cebos Indios
near Mitu, Dept. Vaupes, Colombia.

10628. Cosmos \textit{salphureus} Cav.
Comp.
F (1) Cultivated ornamental. Rao
deep orange. det M.O. Dillon 1981.
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<td>10631.</td>
<td><strong>Zea mays</strong> L. (1+1) Variegated ornamental corn. Single stalked green 2 m. tall.</td>
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<td>10632.</td>
<td><strong>Petroselinum crispum</strong> F (2) NV. &quot;Parsley.&quot; Biennial herb 1 m. tall. Frs. still green.</td>
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<td>10633.</td>
<td><strong>Lycopersicon esculentum</strong> (1) M. V. E. Erect herb 60 cm. tall. Fls. yellow. Fruits still green.</td>
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10635. *Helianthus annuus* L.

(1) *Cv. 'Teddy Bear'*
Herb 40 cm. tall. Fls. deep yellow.

10636. *Capsicum annuum* L.

(1) *P. bell pepper*
Herb 60 cm. tall. Fruits green.

10637. *Helichrysum bracteatum* (Ventkn.) Andr.

(1) Fresh herb 40 cm. tall. Phyllaries scarious, pale orange.

10638. Lindsaea microphylla
F (1) In creeks in creek.

10639. Actinotis HELIANTHI DC.
Umbell.
F (1) Tubethub 80 cm. Heads greenish white

10640. Cistus FLEXUOSA R. BR.
Cyper.
F (2) Erect Rhamnaceous herb on sandy hillside.

10641. Casuarina torulosa DISTYLA VENT. Casuarin.
F (4) My Small tree to 5 m. Young cone red.

10642. Aplegium filabellifolium Cav.
F (2) Prostrate mat-forming fern.
det. R. Stolze 1982.

NY WIN
10643. Leptomeria ACIDA R. BR.
Santalac.
F (3) Slender shrub 2.5 m. Frs. green.

10644. Zieria PILOSA RUDGE Rutac.
(2) Slender shrub 1.5 m. Frs. white
F 10644a. Leucopogon LANCEOLATUS (Sm.) R. BR. Epacrid.
10645. *Eupachis longiflora* Cavanilles

_Eupachis_

NY

F (2)

Corolla tube carmine-red, white in upper 1/3.


_Rut._

NY

F (3)

Slender shrub 1.5 m. Fls. pale pink.

10647. *Acacia echinula* DC.

_Legum._

NY

F (2)

Wattle—Spiny leaved shrub 1 m. tall in open hillside. Fls. pale yellow.

10648. *Caustis pentandra* R.Br.

_Cyperaceae._

NY

F (2)

Chamfered herb—Growing in open dry ravine.

10649. *Kennedia rubicunda* Vent.

_Legum._

NY

F (3)

Twining vine in open thicket. Fls. deep red.

10650. *Acacia*

_Legum._

NY

F (2)

Tree 5 m. tall in open roadside. Fls. greenish yellow.


VAR. LONGIFOLIA

PTBG

F (2)

Shrub 2 m. tall. Fls. bright yellow.
10652. **Dampiera stricta** (Sh.) R.Br. Godenfield

F (2) Perb in shrubby hillside. Fls. pale blue.

10653. **Gleichenia dicarpa** R.Br.

F (2) Spreading fern forming thickets. det. R. Stolze 1982

10654. **Logania albiflora** (Andr.) Druce

F (2) Slender shrub 3 m. tall. Fls. white fragrant.

10655. **Hardenbergia violacea** Stearn Legum.

F (1) Prostrate vine on open west ground.
Fls. deep blue.

10656. **Dillwynia retorta** (Wendl.) Druce var. retorta Legum.

F (1) Spiny shrub 1 m. Flowers yellow-orange, red spot at center.

10657. **Woolssia pungens** (Can.) F. Huell. Epaecrid.

F (1) Erect shrub 1 m. tall on open hillside. Fls. white.

10658. **Grevillea sericea** (Sh.) R.Br. Proteace.

F (2) Shrub 1.5 m. tall. Fls. rose-pink.
F  1  Shrub 2 m. tall. Frs. lt. green.

10660. Eleocarpus reticulatus Sm.  
F  1  Treelet 4 m. tall. Frs. blue.

10661. Actinotus minor (Sm.) DC.  Umbel.  
PTBS  2  Sprawling perennial herb. Heads greenish white.

10662. Gleichenia labellata R.Br.  
F  2  Erect rhizomatous fern. Frequent.  
det. R. Polye 1982

10663. Persoonia pinifolia R.Br.  Proteac  
PTBS  2  Slender shrub 2 m. tall. Frs. pale green turning purplish.

10664. Eucalyptus  Myrtac.  
F  1  Tree 20 m. tall. Frs. brown.

10665. Lasiopetalum ferrugineum Sm. var.  Stercul.  
PTBS  1  Herb in bushy hillside. Frs. cream.

10666. Lomandra longifolia Labill.  Liliac.  
F  3  Rosette herb. Frs. green.
10667. **Persoonia levis** (Can.) Dohin

F (2) Shrub 2.5 m. Tall. Frs. Shiny green. Fls. yellow.

10668. **Acacia terminalis** Macbr.

F (1) Shrub 2.5 m. Tall. Fls. Cream.

10669. **Smilax glyciphylla** Sm. Liliace.

F (1) Perennial herb. Frs. Green.

10670. **Bossiaea scoleponoria** (Andr.) Sm. Legum.


10671. **Acacia suaveolens** (Sm.) Willd. Leg.

F (11) Slender shrub 2.5 m. Fls. White.

10672. **Cassytha pubescens** R. Br. Lousece.

F (1) Twining perennial vine among shrubs.

10673. **Leucopogon amplexicaule** (Rudge) R. Br. Rut.

F (1) Subshrub 50 cm. Calyx x pink. Corolla White.
10674. **Hakea dactyloides** (Gaertn.) Cav. Proteac.  
**F (4)**  
Tree 5 m. tall. Fls. brown.

10675. **Banksia ericifolia** L. f. Proteac.  
**F (2)**  
Tree 6 m. tall. Fls. orange.

10676. **Boronia ledifolia** (Vent.) J. Gay Rutac.  
**F (2)**  
Shrub 1 m. tall. Petals magenta.

10677. **Hibbertia linearis** R. Br. ex Dc. Dillen.  
**PB (3)**  
Weed shrub 1.5 m. tall. Fls. yellow.

10678. **Noteleaf longifolia** Vent. Oleac.  
**F (1)**  
Treelet 3 m. tall. Young fruits green.

10679. **Hibbertia scandens** (Willd.) Gilg Dillenii  
**F (1)**  
Twining vine among shrubs.  
Petals bright yellow. Stems red.

10680. **Styphelia longifolia** R. Br. Epacrid.  
**F (3)**  
Low shrub 50 cm. Corollas pale yellow.
10681. *Correa reflexa* (Labill.) Vent. var. reflexa
   
   F  NY
   
   Shrub 1.5 m. tall. Corolla tube red. Lobes light green.
   Calyx tawny.

10682. *Grevillea buxifolia* (Samp. Br.) Proctor
   
   F (V)
   
   Shrub 1 m. tall. Fls. bluish white.

10683. *Crowea Saligna* Andr.
   
   Rut.
   
   F (2) NY Shrub 1 m. tall. Fls. dirty pink.
   
   Cultivated at Dos Pueblos Nursery.

10684. *Brachyphyllum uniflorum*
   
   F (1) Cult. vine. Lvs. somewhat fleshy.
   Corolla deep pink. From Madagascar.

10685. *Polygala myrtifolia* L. Polygaleae
   
   (1) Cult. Shrub 1.5 m. tall.
   


10686. *Acacia decurrens* (Wendl.) Willd.
   
   F (1) Cult. tree 7 m. tall.
   Fls. pale yellow.
Obelisk Beach, North Peninsula.

10687. Chloanthus Stoechadis R. Br.   Verbena

F   (4)   Sprawling

herb. Fls. greenish
yellow.

Royal Botanic Gardens, Sydney.
25 Aug 81

10688. Brunfelsia australis Bent.

K   F   (3)

Cult. Shrub 2 m. tall. Buds solitary

Fls. tawny to brown. Seeds black.

Called "B. uniflora" Plot 16.

10689. Cestrum culture Francey

Solms

F   (4)   Cult. Scendent shrub. Corolla tube

red-purple. Limb purple.

10690. Eucalyptus grandis W. Hille "Maides" Myribe

F   (4)   Large tree 25 m. tall with spreading

crown. Bark mottled. Young fruits

green. Queensland

10691. Brunfelsia perrisflora (C. + S.) Bent.

F   (4)   Cult shrub 1.5 m. Lvs. leathery.

Buds brownish purple.
10692. Brunfelsia australis Benth.
F (1) Cult. treelet 3 m. tall, Stein.
Called "B. brasiliensis".

10693. Brunfelsia australis Benth.
F (2) Cult. shrub 3 m. tall. Fruit brown. Calyx green. Young leaves bleached green.

10694. Erythrorynchus argentinus O. E. Schulz
Tree 30 m. tall. Branches spreading, bleached. Leaves dark green above somewhat shiny, dull green beneath. Stems. Dying leaves, soon to fall.

28 Aug Sydney

10695. Ficus laevigata Vahl
F (2) Cult. treelet 2 m. tall. Kings Cross. Frs. light green.

28 Aug Sydney

F (1) Weed in waste ground. Fls. golden yellow.
Sydney 28 Aug.

10696-A. Calendula officinalis L. Comp.
Australia: New South Wales, Blue Mountains.
Mount Wilson, Fern Cathedral.
28 Aug 1981  Alt. ca 1000 m.

Polystichum

10697. Blechnum proliferum (R. Br.) Presl fern
F (1) Acaulescent fern in montane rainforest, moist ravine.
   det. R. G. Stolze 1982

10698. Lacteopside sp.
F (1) Acaulescent fern in montane rainforest, moist ravine.

10699. Elaphoglossum Blechnum pateronii (R. Br.) Mett.
F (1) Terrestrial fern in montane rain forest, moist ravine.
    det. R. Stolze 1982

10700. Leptopteris fraseri (Hk. & Grev) Presl Fern.
F (4) Short trunked fern above water—
     NY! U! PIBG photos, fall in montane rain forest.
     Trunk 50 cm. tall.
     det. R. G. Stolze 1982

10701. Dawsonia
F (1) Moss on steep banks, in montane rainforest, moist ravine.

10702. Blechnum pateronii (R. Br.) Mett.
F (2) Leptotone fern in moist gully
     in montane rain forest.
     det. R. Stolze 1982.
Sydney Botanical Garden


s.e. loc. 29 10697.

10704. Helichrysum elatum A. Cunn.  Comp.

F (1)  Herb 1 m. tall in open Eucalyptus woodland; involucre silver-white.

10705. TASMANIA INSIPIDA R.Br. ex DC.  Winter.

F (2)  Shrub 3 m. tall. Buds green.

M0  Moist ravine in montane rain forest.

10706. Doryphora SASSAFRAS ENDL.

F (2)  Shrub 3.5 m. tall in montane rain forest. Foliage aromatic. Fls. white.

(Marked (Hook. f. & Wilson) Par. Bryoph. Hymenoph.)

10707. Dieranoloma mengiesii

F (1)  Creeping fern among mosses on fallen log in moist ravine.

10708. **Ganinia sieberana Kunth**

Cyperaceae

F (2) Coarse herb 3 m. tall in moist open pocket.

10709. **Casuarina tiflora/3 distyla Vent. Casuarinaceae**

F (4) Shrub 1-4 m. tall in open sand-

NY. K Stone outcrop. 8

10710. **Persoonia**

Proteae

F (1) Shrub 2 m. tall. Immature fruits green.

10711. **Petersonia**

SERICEA R.Br. Iridaceae

F (1) Rhizomatous herb. Fls. blue, pastel.

10712. **Leptospermum scoparium Forst. f.**

MYRTACEAE

NY (3) Erect mostly unbranched shrub 80 cm. tall. Petals white.
10713. **Lomandra glauca** (R.Br.) Ewart

Rhizomatous, decumbent herb in open sandy area. Fls. buds black.

10714. **Mitraxaceae Polyphorpha** R.Br.

Herb in open sandy area. Fls. white.

10715. **Tetrateca ericifolia** Sm.

Tremendr., NYF (2), slender subshrub in sandy thicket. Fls. deep magenta.

10716. **Pittosporum undulatum** Vent.

F (2), shrub 2.5 m. tall. Petals white. Fls. fragrant.

10717. **Xanthosia pilosa** Rudge

F (2), hedy nephrotetaceous herb. Fls. pale greenish yellow.

10718. **Epacris microphylla** R.Br.

Erect slender shrub 40 cm. Fls. white.

10719. **Acacia sueveolens** (Sm.) Willd.

Legum. Erect, wind-like shrub 2.5 m. tall. Fls. glaucous.
10-20. Eucalyptus
Tree 8 m. +. Twigs dark red. Ovary dark green. Filaments creamy white. Col.


10-23. Phyllota phylloides (Sieb. ex DC.) Benth. F (1) Erect shrub 1.5 m. tall. Fls. deep yellow throughout.


10726. **Hemigenia purpurea** R. Br.  
*Fabaceae*  
F (2) Slender shrub 50 cm. Fls. blue-violet.

10727. **Drosera auriculata** Backh.  
*Droseraceae*  
F (1) Slender erect or decumbent herb in thickets. Buds green.

10728. **Baueria rubicoides** Andrews Benoist  
F (2) Shrub 1.5 m. tall. Fls. deep pink with central white stripe.

10729. **Ricinocarpos pinifolius** Desf.  
*Euphorbiaceae*  
F (2) & Shrub 1 m. tall. Petals white.

10730. **Ricinocarpos pinifolius** Desf.  
*Euphorbiaceae*  
F (2) & Shrub 1.0 m. tall. Petals white.

10731. **Zieria laevigata** Sh：<br>  
*Rosaceae*  
F (1) Shrub 1 m. tall. Fls. pure white.

10732. **Boronia pinnata** Smith  
*Kochia*  
F (2) Slender shrub 1.0 m. tall.  
F. M. P. Fls. magenta.
10733 Schoenus imberbis R. Br.  
Cypere.

F (1) Sedge in open sandstone, in mont. depression.

10734 Hakea constablei L.A.S. Johnson Protec.

NY (2) "Spiny" shrub 2.5 m. tall. Fruits dark brown at maturity.

10735 Hakea teretifolia (Salisb.) J. Britt. Protec.

NY (2) Dark "Spiny" shrub 2-3 m. tall. Fruits reddish brown. Opening only after fire.

10736 Isopogon anemonifolius (Salisb.) Protec.

PTBG (2) Low shrub 50 cm. tall. Young inflorescences light grey brown.

Dos Pueblos Nursery

10737 Anthurium brevipediculatum Madison

F (2) Cult. herb. Spathe twisted, dull pele green. Spadix brown.

Aral.

10738 Hoja

F (1) Cult. epiphyte. 2" heroes dark green. Lvs. fleshy.

10739 Port. colderia

Manly Den. Manly.

10740. Grevillea *LINEARIFOLIA* (Cav.) Druce Protec.  
F (1) Shrub 1.5 m. tall on hillsides.  
Fls. white.

Australia: Northern Queensland.  
Cairns.  
1 Sept 1981.

10741. *Carallia*  
8 m.  
Rhizophor.  
F (1) Cult. tree along the Esplanade.  
Corolla translucent white.

10742. *Dillenii alata*  
F (1) Cult. tree 6 m. tall on The  
Esplanade. Petals yellow. Stems  
yellow. Stigmas deep rose.

10743. *Dracena*  
F (2) Cult. Shrub 3 m. tall, branchy  
leaves light green with white  
margins. Fruit orange.
3 Sept. 1981. (Atherton Tablelands)
Australia: Northern Queensland. 2 km. SSW of Yungaburra on road to Malanda. CSIRO Curtain
Tree Fig. Plot. State Forest Reserve 452, 17° 17'S, 145° 34' E, 21.720m
with John Clarkson.

10744. Deudrocniode phoniopyllis (WEDD.) CHEW.(Urtic.)
Week tree 7 m. tall. Lwr. rubbery, urticating, young fruits yellow-green.

10745. Erythroxylum ecarinatum Burch

Tree in rainforest on flat ground of volcanic rock. 25-30 m. tall, 40 cm. D+B, bole straight, unbuttressed; bark brown, corrugate. Twigs reddish-brown. Lvs. dark shiny green above, less shiny light-green beneath. Buds light green. Petals creamy white. Stipules petio green, early deciduous.

10746. Glossidion J. MULL. BAIL. (Euphorb.)
Shrub 60 cm. tall. F (5) s. dark red.
10.747: *Pothos longipes* Sch. Aron. Sterile wavy vine or tendril. Leaves dark shiny green above, lighter green beneath.
FIJI: VITI LEVU.
Suva and environs, 7 Sept 1981. Sea level.

Suva central market.
(10) 748. *Amoranthus viridis* L. 
F: Cult. Pot herb sold in market.
Eco: leaf, pale green.

107.49. *Saccharum* 
F: Green.

(1) Cane of green sold for starchy


(3) Dried kava roots sold intact.
F: to be pounded, sifted & mixed

400 g = ¥$ 4.40

The best, strongest part of the plant.
107.51 **Piper methysticum** G. Forst.  
*Piperac.*  
(3)  
F Sliced kava stems, unpeeled, dried. Ready to be pounded into powder, sifted, mixed with water to prepare drink "grog."  
200 g = $0.85 Fiji.

107.52 **Piper methysticum** G. Forst.  
*Piperac.*  
(3)  
F Peeled, sliced kava stems, dried. Ready to be pounded into powdered, sifted, unmixed with water to prepare "grog."  
200 g = $1.00 Fiji.

107.53 **Piper methysticum** G. Forst.  
*Piperac.*  
(3)  
F Dried, pounded pulverized kava stems, ready for mixing with water to prepare drink "grog."  
*Ordinary kava.*  
400 g = $2.00 Fiji.
10754. *Piper methysticum* G. Forst. Piperaceae

(3) n.v. "Wakka"

F Dried, pounded, pulverized keve roots i ready for mixing with water to prepare drink. "grog." This is the best, most expensive, strongest keve.
1 kg. = $10 Fiji.

**Hills Above Suva Tamavua. Garden on slopes.**

S-facings

10755. *Piper methysticum* G. Forst. Piperaceae

(1) n.v. "green-stemmed keve"

Cult. erect shrub 1.8 m. tall. Multi-stemmed with about 5 major stems. Stems zigzagged, brown, upper branchlets lighter yellowish green. Pith solid, cream.

Lvs. spreading or pendulous, medium dull green above; pale dull yellowish green beneath. Petiolar yellow. Peduncles erect, yellow green. Spikes erect, creamy yellow st. antheliae.

Foliage odorless but stems aromatic, pungent when chewed.

Stem dried and pounded into "keve."

Cult. erect shrub 20 in. tall

**herb. material** with several main stems from base. Branches zigzagged dark brown; dark brown at swollen nodes. Upper branchlets yellow-green, purple black at nodes. Petioles tinged dark purple.

Leaves dull, medium green above, pale yellow green beneath.

Peduncles erect yellow-green. Spikes light green, cream at anthers.

Stems pungent aromatic.


Cult. Erect, multi-stemmed shrub, PTBG 1.8 in. tall. Stem greigish at very base; longer internodes near base; stem dark olive green with heavy cutinisation dark brown (centrally) internodes swollen.

**cuttings**

**cuttings**

**G**
Shorter internodes & markedly zigzag; darker brown, uppermost twig almost bleached or yellow-green with purple bleached nodes. Sheathing petiole purple bleached; normal petioles yellow-green. Leaves medium green above; dull pale yellow-green beneath. Peduncles erect, yellow-green. Spikes cream at the base. Stems purplish aromatic.


h.v. "black-stemmed kava"


Pith soft, cream, turning dirty orange. Leaves dull, medium green above, pale yellow-green beneath.
Peduncles yellow green erect, immature spikes yellow.
Stems pungent, aromatic.
The best kevs.

(1) "Black-stemmed kevz"  
Cult. erect, multi-stemmed herb, material only. 
Shrub 2 m. tall. Stems and twigs purple-black throughout. Leaves dull medium green above, pale yellow-green beneath. Peduncles erect, light green. Young spikes yellow.
Stems pungent, aromatic.
Best kevs.

(2) "N. v. Black-stemmed kevz"  
cuttings F 
MO K 
Econ 
Cult. multi-stemmed shrub, 1.8 m. tall. Main stems dark purple black, somewhat shiny. Young twigs yellow-green tinged purple black at nodes. Leaves dull, medium green above; dull pale yellow green.
green beneath.

Bent-kaava.

SUIA: Gardens & roadsides
7 Sept 1981.

10761. Brunfelsia uniflora (Pohl) D. Don Sokeza.
F
Cult. Shrub 1.5 m. tall in garden.

F
Corolla violet, fading to white; white eye at throat with yellow tinge. Very fragrant.

F
Weak shrub 2.1 m. tall along ditch in thicket. Calyx red-purple.
Petals double, pale pinkish white

10763. Ixora finlaysoniana Wall. ex G. Don Rubièr.
F
Cult. Shrub 1.5 m. tall in garden.

Corolla white. det. P. Matekaitis 1983

10754. Capsicum
F
Cultivated Shrub 1.5 m. tall in garden. Petals greenish white; st. nodding. Frs. greenish yellow to pale orange, very pungent.
10765. Blechum brownei Juss. Acanth. (2)
F Low sprawling herb in thicket along path. Bracts green throughout. Corolla very pale blue.
US det. D. Weisgerber 1982

10766. Justicia betonica L. Acanth. (2)
F Erect shrub to 2.5 m. tall widely cultivated (and escaped?)
US det. D. Weisgerber 1982

10767. Pentas lanceolata (Forsk.) Déflers Rubiaceae (1)
F Subshrub 50 cm. tall widely cultivated and escaped in Suva. & Flower color light red-violet (but many color forms observed).
US det. P. Matekaitis 1993

10768. Synedrella nodiflora (L.) Gaertn. Comp. (1)
F Roadside weed. F15. yellow.
US det. M.O. Dillon 1983
10769. *Ficus pumila* L. Morec.

(F) Creeping epipressed vine on stone wall. Flowering branches hanging horizontally; dimorphic. Sycones dull green, outer red, stigma translucent white.

(L.) Millsp.


10771. *Centella asiatica* (L.) Urban Umbil.

(F) Prostrate vine on open road bank. Fls. greenish. Frs. dark brown.


(F) Cult. shrub 50 cm. tall. Peduncle purple black. Pedicel, calyx + corolla bright red.


10777. **Cucurbita** C. (1) Herbaceous vine in open thickets. Corolla white.
10778. Syngonium podophyllum Schott

HAWAI'I: Kauai. Limahuli, north coast.
10 Sep 81.

10779. Capsicum frutescens L. Solanac.
(2) Cult. Ornamental shrub 1 m. tall. F.R.S. pale yellow turning red-orange at maturity

10780. Begonia
(1) Tall arching cult. herb 1.2 m. tall. Fls. pendulous, ovary white with rose-pink petals. Sepals pale to deep rose pink.

(2) Cult. Treelet 3 m. tall. Fls. pure white. Mature fruits yellow.
10782. Tapeinochilus

(2) Cult. Rhizomatous herb 2.5 m. tall.
F - 2
Infl. basal. Bracts red, waxy-
Coriaceous, recurved.

10783. Passiflora edulis Sims

(1) pessôa fruit.
F
High climbing herbaceous
vine. Fr. globose, green. Sepals
2x2axially green, 2x2axially white.
Petals white. Corona segment.
white tipped, blue-purple in basal
3/4.

10784. Costus

(1) Cult. Rhizomatous herb 1.5 m. tall.
F Bracts dark red. Calyx dull red.
Corolla & Staminode white.

10785. Zingiber zerumbet (L.) Sm.

(3) Rhizomatous herb in forest. Peduncle
F & Bracts red.

10786. Psidium cattleianum Sabine

(3) Strawberry guava.
F RB
Tree 8 m. tall. Fruit green,
turning yellow. Fleshy pink,
testing of strawberry.

Lawai.

Hawaii: Kauai. Lihui.
Pacific Tropical Botanical Garden.

10 Sept 81.

10787. Morinda citrifolia
(2) Cult. Tree & m. tall. Lvs variegated
F green + white. Fruits pale whitish
Bht. Green.

10788. Piper nigrum L.
(2) Black pepper.
F Cult. Climbing vine or tree from.
Ecor Young spikes greenish yellow.
Fks. Dark green.
PTBG Acc. 72 0669.

10789. Adenanthera pavonina.
(9) Cult. Tree 6 m. tall. Fks. yellow.
Bht. Acc. No. 72 1073.
**GB (3)**  
Cult. shrub 1.2 m. tall. Fls. white. Fruits orange.

10791. *Philodendron*  
**a**  
Cult. herb creeping on rocks. Midrib & lateral nerves pinkish beneath; spathes green.  
**NY (1)**  
PTBG Acc. #77-024

10792. *Polyscias grandifolia* (green)  
**F-2**  
Pale yellow. Young frs. pale green.  
PTBG Acc. # 73-1223

10793. *Calathea burle-marxii*  
**a**  
Cult. herb 1 m. tall.  
**NY (1)**  
Infl. erect, past.  
PTBG Acc. #77-0488.  
Lvs. medium green somewhat shiny above; pale glaucous green beneath.

10794. *Calathea erocalifera* Watson  
**NY (2)**  
Cult. herb 2 m. tall. Lus. dull.  
F-2 somewhat velvety green above with faint yellowish green stripe down center.  
*det. H. Kennedy 1980*

Same accession as 10793.
PTBG Acc. 77-0488.

10795. Brunfelsia densifolia Kr. & Urb

Cult. Shrub 2 m. tall with dense foliage. FRS. yellow green.

(2 plants).
PTBG Acc. 73-1072.

10796. Anthurium pentaphyllum (Aubl.) G. Don

Cult. vine among rocks. Spike brownish green. Spadix dark red-purple throughout.
PTBG Acc. 75-555. det T. Coats 1982.

10797. Brunfelsia grandiflora D. Don

Cult. Shrub 1.5 m. tall. FLS. violet with white eye.
PTBG Acc. 75-0788.
10498. Brachychiton acerifolium F. Muell.
(3)
F-2
A-SP
PTBG Acc.

10799. Brunfelsia americana L.
F (1) Cult. Tall shrub 2.5 m. tall. Old fruits seed brown. Buds pale green.

10800. Brighamia insignis A. Gray
F (2) Cult. Rechy. slender shrub to 80 cm. tall. Stem thick. fleshy. Corolla tube yellow green. Limbs pale yellow.

10801. Piper methysticum G. Forst.
(3)
F-2
fobs.
Econ NY
PTBG Acc. 75-0235

10802. Ctenanthe setosa
(4)
F-2
GB-2
PTBG Acc. 75-0246.
Broto pinkish brown. Fls. best.

10803. Calathes ecuatoriana Kennedy Merritt
(1) Cult. herb 40 cm. tall. Lvs. banded
F dark + light green, velvety, red-purple beneath.
Petiole red. Inflo. bracts pale green

PROG Acc. 77-0739. Ecuador.

10804. Calathes nigricans Cragnep.
(2) Cult. herb 80 cm. tall. Lvs. shiny
dark green above, dull red purple beneath. Petiole dark red brown.
Inflo. bracts pale green with white margins. Calyx white. Corolla very pale yellow. Staminodes dull purplish.
Allerton Garden

10805. *Nelumbo nucifera* Gaertn. Nelum
(6) Cult. rhizomatous aquatic herb.
Petioles & peduncles erect to 1.5 m. long.
Pepalae f. basal creamy white, rose pink or upper 1/3.
Fruits green turning brown.

*Pellionia daveauana* (Godefr.) N. E. Br.
10806. El. "trailing watermelon begonia" Wit.
(2) Cult. creeping prostrate herb.
Lvs. green green above with darker green lateral-margined portion.
Inf. axis reddish brown.

10807. *Syzygium cumini* (L.) Skeels Myrt.
(4) Cult. tree 10 m. tall. Filaments white.
Frs. green turning purple black.

10808. *Brugmansia x candida* Persoon Solen.
(4) Cult. treelet 2.5 m. tall. Frs.
Completely pendulous, white, teeth recurved on corolla.

F
BH
A-JP

F-2
BH
A-JP


10812. Pedilanthus tithymaloides

(L.) Poit. Euph.

10813. Philodendron

Area.
Cult. vine growing on shady slope on ground. Spathe dark red-purple in 7 part. Yellow-green in 0, apical 2/3. Peduncle yellow-green.

10814.

Bromelid.
Large cult. tank plant on shady slope. Peduncle, bracts + rachis bright carmine red. Young fr. green with persistent red & apical beak.

10815. Cessia g Lance Ham.
Legum.
Weedy shrub 3 m. tall. Fls. golden yellow.
Extensive sprawling cactus on cliffs facing the sea. Tepals yellow green, inner tepals pure white. Fruit bright carmine red with white fleshy & black seeds. Flesh sweet, edible & delicious.

Stem segments 3-winged.

*Basil tepals light green.
15 Sept 1981.

H. H U I L E N S I S  A B A L O & N O R A L E S
det. W. J. Kress 1990
Heliconia sp. obcura Dossantos & Gentry
cult. herb 30 m. tall.
Inf. pendulous, Rehnia salmon orange to rose, bract red
w/ black tip w/ upper 1/3 to 1/2. Pedicel + ovary light yellow.
'Waimea Acc. # 78-1282.
Petiole + midrib lt. yellowgreen. Lf. dull
dark green above, shiny lighter green beneath.
Lf. blade 1.5 m.

10818. Corchorus orinocensis HBK.
(1) cult. herb 30-40 cm. tall. Fl.
F yellow
L v. "te"
'Waimea Acc. 74 5 1893
= Plowman 4363: Colombia: Putumayo

10819. Cleveja evergana Mejibra
(1) cult. Erect unbranched shrub
F 30-70 cm. ter. Fls. orange.
Acc. # 7 5 5 296.
Ex. Plowman et al. 4681: Ecuador
 Cult. erect
 Shrub with
 few branches 30-40 cm. tall.
 Calyx pale purple. Corolla violet
 with white eye.
 Acc. # 75 C 344.

10821. Citharexylum poepigii [2]
 Wolf. det. moldedhe 1981.
 Cult. treelet 4 m. tall. Fls. creamy
 white.
 Acc. 74 S 15F3.
 Plowman et al. 4278 Colombia: Meta.

10822. Sanchezia foetida Leonard shrub 3 m. tall
 Cult. erect. Leaf shrub 3 m. tall.
 Lvs. shiny dark green above
 duller paller green beneath.
 Hair's brown. Brevets + calyx
 lobes reddish purple. Corolla
 light red.
 Acc. 76 C 528
 Plowman 5993: Peru: Loreto.


F  low shrub 60 cm. cult. in partial shade among rocks. Corolla violet.

10824. Monocotyle umiflora (Preuss. ex O. G. Petersen) Mag

F  Cult. herb forming dense clump. Calyx green. Corolla white. Stamineodes bright yellow. Acc. # 76 P 641
Prowmen 6050: Peru: San Martin. Cv. 'Edwardus Rex'

10825. Heliconia 'Hustria' det. V. J. Kress 1981

F  Cult. herb 3 m. tall. Petiole purplish green. lf. blade dark shing green & bore with dark red lateral nerves. dark red purple beneath. Rechis light green, bracts reddish purple. Pedicel white. Ovary yellow. Pericarp very pale yellow-green will red blush towards base, darker green apically. Fruits turning bright red then black. Acc. 78 P 253 (nearby smaller plant)
10826: Croton lechleri Mull. Arg. et Hoff. 1981
(3) Small shrub. Tree 6 m. tall
with spreading crown. Sterile.
Sep colorless, slender.
Acc - 76 s 925
1 out of many germinated.
Coll. M. Ramírez s.n.

10827: Castrum psittacinum Staph.
(2)
Cult. shrub 3 m. tall with
spreading branches. Calyx
light green. Corolla tube light
orange, lobes abaxially
light yellow green, deep yellow
adaxially.
Guatemala? Ex Kew
Acc - 76 P93.

10828: Lipochaeta succulenta
(2)
Spreading Cult. herb to 1 m.
tall. Lvs. leathery. Fls. yellow.
Ex Kauai. Acc - 79 C561.
Acc. 79C561.

10829. *Erythroxylum raimondii* O. E. Schulz

(6)


Received from Univ. of Hawaii
Acc. # 75S280.
Plowman & Davis 4847
Peru: Cuzco.
Lyon Arboretum.
16 Sept 1981.

→ Heliconia bihai (L.) L. det. L. Anderson 1983

Heliconia cf. stricta Huber
(5) Cult. herb 3 m. tall. Petiole 60 cm. long. Leaf blade 1.5 m. long, dark dull green above, lighter shiny green beneath; leaf erect, distichous, red with narrow light green margins. Fls. pale yellow throughout. Lyon Arb. L. 86. 04f.

Sphaeropteris sp. aff. S. leptifera (Hook.) Tryon
(6) Cult. Trunkless tree fern 3.5 m.
F-3 tall Pinnae per side =

Pandorea foetida L. Rub.
(11) Vine in cut over thicket.
F Corolla pale greyish.
10833. *Polypodium polypodioides* (L.) Watt Polypod
   (1) Cult. fern on bank.
   F  Ex Madagascar.
   Acc. # 78-185.  det. R.G. Stolze 1981.

   a Diplazium sp. (not *D. lanceum*)

10834. *Diplazium lanceum crenatum*
   (1) Cult. fern on bank.
   Acc. 77-230.

   (2) Cult. herb forming clump
   F  1.0 m. in diameter, 0.6 m.
   K  tall. Bracts light green. Calyx very pale purple. Corolla pale
   yellow. Staminodes pale yellow.
   Phyllis red-purple. Petiole
   Ft. shiny green. Pulvinus dark
   olive green. If above mid-green,
   banded with dark green spots
   dull velvety on outer half.
   Shiny, in inner half.
   Ex Kennedy & Plowman 3616.
Hawaii: Oahu. Honolulu.
Botanic Foster Gardens: 16 Sept. 81.

10836. Hydrocorpus anthelmintica
(4) chaulmoogra. Pierre ex Lanes.
F

10837. Polypodium phyllitidis L. Polypod.
(1) Cult. in pot. det. R.G. Stolze 1981
F From Colombia: Dept. Upper Dique Valley in cloud forest.

10838. Peperomia
(1) Cult. trailing succulent herb in pot. Stems purplish brown, 
leaves shiny both sides. 
F
Golden Gate Park. Strobing Arboretum.
22 Sept 81.

10839. Vrestia spicata foetida (R+t) Hoffmannseg
(4) Cult. tender shrub 1.8 m. tall.
Col. x light green. Corolla tube lemon yellow, lobes greenish yellow, becoming golden yellow with age. Fruits pale green, turning light brown with age.

10840. C2th edulis (Vahl) Forsk. ex Endl.
(3) n.v. Tchet
photo Cult. tree 10 m. tall with grey-brown bark. Lvs. shiny dark green above, pale green beneath. Petals creamy white. Imm. fruit pale green.

10841. Cocculus laurifolius DC.
(2) Cult. 3.5 m. tall.
photo Fls. pale green.
10842. Ilex
(5) Cult. tree & m. tall. Lvs. shiny dark green above, lighter pale green beneath. Fl. buds pale green. I am. fr. 4.15. Shiny light green with whitish green dots.

CHICAGO, ILLINOIS
Sept 27, 1981.

(2) meteloides Cult. herb 0.5 m. tall, 1 m. in diameter. Flowers erect.

Seed fruit collection F

10844. Petunia X hybridâ Vilu.
(1) Cult. viscosa herb.
F Fls. deep blue-violet.
(2) Cult. herb 40 cm. tall.
 Solitary plant, no fruit set.
 Corolla pale yellow with 5 blech splotches within.
 n.v. "tomatillo" - grown from seed from fruit purchased in Mexican market.

(5) "bottlegourd"
 Aggressive cult. vine.
 Corolla pure white. Fruits swelling but soon turning blech & rotting on vine.

10847. *Helichrysum bracteatum* Andr.
(2) Cult. herb in flower garden.
 F Bracte yellow-orange. Peppers bright yellow.

10848. *Capsicum annuum* L.
(2) Cult. herb 150 cm. tall grown from commercial seed. Fruit long, fleshy, bright red.
10849. *Daucus carota* L.
F (1) Cult. herb with fleshy taproot. F1s. pale green.

10850. *Perilla frutescens* (L.) Britt.
(2) Cult. herb. Whole plant dark red purple. Corolla pale lavender.

10851. *Siparunthes oleracea* L.
F
BH K MO US
(2) Cult. herb with trailing horizontal branches. Flowering heads golden yellow. From *Flowerman* 9950

10852. *Cannabis Sativa* L.
F (2) Volunteer in vegetable garden. Foetid-aromatic herb 1 m. tall. Foliage diseased, misshapen.

10853. *Zea mays* L.
F (1) Cult. green 1.5 m. tall. Scrupose spicated. "Ornamental Indian Corn".
San Francisco, CA.
22 Sept 1981.

F (2) Cult. Shrub 1 m. tall grown as hedge. F-ls. White, fragrant.

Chicago, Ill.

10855. *Physalis peruviana* L.
F (2) grown from seed from Cajamarca, Peru, sent by Don MacRae.

10856. *Euphorbia marginata* Pursh.
F (2) Erect herb 60 cm. tall, cultivated. Latex white, abundant. Bracts white with central green stripe.

F-2, *Capsicum annuum* L. var. *annuum* Solanaceae.

10858. **Pithecellobium keyense** Britt. ex Britt. & Rose
(1) Volunteer in flower pot

10859. **Chrysanthemum × morifolium** Rem. Cult. on Reetz St. Fls. yellow.

33 numbers
51 species

Coca seedlings sent to De Mendoza
8 Oct 81.

10860. E. coca, var. coca Seedling from seed produced on plants from Plowman 75-10 seeds. Sown 6 May 81

10861. Ibid. Sown 6 Nov 81.

10862. E. novo var. novo.
Seedling from seed produced on plant from seed of Plowman 53 73. Sown 29 Nov 80.

10863. Ibid. Sown 29 Nov 80.

10864. E. novogranatense var. truxillense
Seedling from seed produced on plants from seed of Plowman 55 90. Sown 15 Oct 80.

10865. Ibid. Sown 6 May 81.
Chicago, Ill.  12 Oct 1981

10866. Galinsoga
F  (1)  Pernicious weed in garden.
       Reys white. Discs yellow.

F  (2)  Hairy crab grass.
       Pernicious weed in garden.
       Stems + in fl. green or red-purple.
       det. P. Matheus

F  (2)  Weedy grass in garden. Plants
       rosuliform, prostrate-spread-
       ing.  det. P. Matheus

F  (1)  Delicate weed grass in garden.
       det. P. Matheus

10870. Capsicum annuum L. ver. glabriusculum
(8)  Cult. Subshrub 40 cm. tall.
       Grown from seed of commercial
c in chili pequin.  Pedicels erect,
       f/s. nodding. Corolla creamy
       white with reflexed lobes.
       Anthers blue. Pollen white.
       FRs. erect, red-orange at
maturity, very pungent.
Free ly selfs.


10872. *Lycopersicon esculentum* Mill.
(1) Viny herb 3 m. long cult. on fence. Fls. yellow. Frs. still green.

10873. *Tagetes erecta* L.
(1) " marigold
F Cult. aromatic herb. Reys golden yellow wth 2-proanged splotch of dark red at base.

10874. *Tagetes erecta* L.
(1) Dwarf marigold
F Cult. aromatic herb. Reys pale yellow, wth splotch of dark red at center.

10875. *Tagetes erecta* L.
(1) Cult. herb. Outer reys dark reddrown 2d2xially, abaxially golden
yellow. Discolorations golden yellow,

10876. Physalis maxima Mill.
(3) F MO
CORN

Cult. herb with viscid foliage and stems. Spreading habit, branches tending to lie on ground.

Harrisburg, Pa. 8 Oct 81.

10877. Quercus acutissima Carruth.

Cult. treelet 5 m tall. grown for wildlife food.

10878. Cyperus
(1) F, NYS
→ UBC NY

Cult. herb. Inflo. abortd. grown from rhizomes from Univ. of Michigan.
Putumayo, Colombia: Michael Taussig
L KS 12-12-85 A. Mich.

10879. Cyperus
(1) F

Cult. Univ. of Chicago. grown from rhizomes collected in Equator, Peru, 2 ft old.
ANDCO headquarters
(Putumayo 569).
From Phyllis D. Coley s.n.

Chicago, Ill. 15 Oct 81.

F (1) narrow shrub with spreading horizontal branches. Fruits red.

10881. Anthurium
(1) Cult. Herb with short stem.
F Leaves shiny medium green above, very pale dull green beneath.
Live plant at Lyon Arboretum, SELBY, MO. Aferman.

10882. Physalis paracelica Miers
Solanaceae

15 Oct 81.

10883. Heliconia stricta Huber

Cult. herb ca. 1.5 m tall.

Leaf sheet petiole light yellow-green. Leaf blade dull, medium green above; shiny pelt yellow-green beneath. Stalk erect, peduncle red, red; bracts with thin yellow-orange margin, yellow-orange within. Floral bracts pedicel, ovary and basal 2/3 of pericarp white. Upper 1/3 of pericarp dark green, tipped white.

Cult. in Honolulu. Grown commercially as "Orange Heliconia" by Huslos Ranch.

Sent by R. Richard Ariley
Dept of Horticulture
Univ. of Hawaii.

26 Oct 81.

10884. Erythroxylum longifolium Linn.

Chicago, Il. 
Philippino Garden. 25 Oct 81

10885. **Momordica charantia** L. 
(4) **"bitter melon**
Cult. herbaceous vine.
Fruits pendulous, light green.
Eaten when young.

10886. **(Hibiscus)** 
(3) **Abelmoschus esculentus** (L.) Moench 
Cult. herb. up to 1.5 m. tall.
Fls. yellowish. Frs. pale green, Edible "Okra."

10887. **Raphanus sativus** L. 
(1) **Oriental radish**
Cult. herb. Taproot fleshy, white throughout.

10888. **Ipomoea batatas** (L.) Lam. 
(2) **Trailing herbaceous vine**
Cult. here for leafy tops.
Eaten as pot herb. "Tubers take one year to produce"
Univ of Chicago  23 Oct 81.

10889. Brunfelsia grandiflora D. Don
         Cult. - Shrub 0.8 m. tall.
         Corolla violet, fading white
         with 2 eyes with white eye
         at throat.
         Grown from seedlings collected
         in Peru: Dept. San Martin.
         Rio Huallaga, downstream from
         Tocache Nuevo. Alt. 500 m.

Chicago, Ill.  31 Oct 81.

"Bangkok Grocery."

10890. Solanum melongena L.

  (1) Eggplant.
   Fruits subglobose, to 55 mm.
   in diameter, 35 mm. long; shiny;
   proximally dark green; distally
   very pale green to cream, inter-
   grading with longitudinally
   stripes. Calyx fleshy, light
   green, turning black.
10891. Momordica charantia L.  
"bitter gourd"
Fruit 20 cm long x 5 cm diameter, with tubercled longitudinal ribs, light green turning yellowish. Flesh creamy white. Seeds ten.

10892. Luffa acutangula (L.) Roxb.  
F (1)  
Fruit 43.5 cm long x 4 cm diameter. 10-ribbed flesh white, green with densely mottled speckled with whitish dots.

10893. Carica papaya L.  
(1)  
Fruit 12 cm long x 10 cm diameter; dark green. Flesh unripe, pale yellow.