Switzerland
March 29 1931 — November 4, 1931

Gray Herbarium
Harvard University
Suggested by various people as to the
existing regime.
Lac de Champex above Martigny
Pont-de-Nant at Les Planois
Bretaye above Villars
Montana above Ziom
3-31-31 Alnus 0-Fl. Blom.

3-31-31 Leucojum vernum L. Cote II 374, Box 365 = Leucojum — L. BM JCP 183 Fl. Blum. Wild
One, from vicinity
Complane data in separate. Not studied
until 4-3-31 when wittered fls from Val-Mont
grounds oft. with Valantina from Val-Mont
grounds.

3-31 Cornus mas L. Cote II 227, Box 136, BM JCP
568 Fl. Blom

4-31 Petasites albus garrat Cote II 286 = P. — J. Bankin Box 160 Fl. Blum Heads mostly 07
See BMH 253 preace of gennae. 10 hrs. (see 4-75-31)

4-31 Tussilago Farfara L. Cote II 287, Box 160
BMH 252, & 850. Fl. Blom. Not style stamens
The thick & undivided. Hairs of petalium green
purple tipped (20x)

4-10-31 Polygela Chamaebuxus L. Cote II 162
Box 40 Fl. Blum. Wings white, back yellow orange
at tip. Sata. 4x v yellow tips found on same plant.
4-11-31 Anemone Pulsatilla L. Cost I 42. Box 5
BMCP 275 Bought in Montreux as “growing wild near-by.” Flowering st. only. Sepals very dark dull bluish-purple. The many linear sepals united to make a narrow cup at base.

4-12-31 Lathyrus vernus Benth. Cost I 40. 2. L.
Wimmer 99. Fl. White. Inflo rescence long acuminate. Vesicles evident. Scales below but hardly so above. St. long. Pedicel foot not winged, longer than 0.5 mm. 0.7 mm with no evident tubercles. (See 5-2-31 4-24-31 4-26 7 mm with pet. leaf 1.5 cm “peltate”]

4-15-31 Hellobora foetida L. Cost I 46. Box 7. BMCP 18
Fl. White. Buds 0.9 cm divided at tip as in all DN. Nodding not 6-lobed. Petals usually 5, widest. (Observed in fl. 3-24-31)

4-15-31 Mercurialis perennis L. Cost I 244. Box 282
BMCP 869 Fl. 9 and 8. Fl. White. Not lobed. which look alining globules are really slightly pendent. Cell cilia with each nipple bead tipped with white gland. (Observed in fl. 3-24-31)
only. Floral part has pointed edge of petals, which
may account for name (Observed in early fl. 5-3-31).

Alion. (Observed in fl. 4-1-31 or earlier).

4-15-31 Primula veris Linn. BM. C. P. 583. Bux. 312 = Fl.
Cost. II 312. Alion. (Observed in fl. 4-1-31)

4-15-31 Hepatica nobilis, Chaix #400. Bux 6. Anemone

34. Bux. 377. Alion. (Observed in early fl. 4-1-31 or earlier).

preference on filaments or in throat but on other species
pre. (Observed in fl 4-1-31 earlier) (See 5-12-31

* 4-15-31 Daphne Laureola 1. Cate II 314, Bon 375, BVH 301, Fl
 Admission (Observed in fl about 4-4-31)

* 4-15-31 Bellis perennis 1. Cate II 336, Bon 162, BVH 235, B.M.
  of CP 773. Fl. Admission (Observed in fl about 4-8-31)

4-15-31 Lamium maculatum 1. Cate II 109, Bon 352,
B V H 372, 4702, B.M. of CP 647 Fl. Admission. Lvs. not parted. Sides
lower lip strongly concave, deflexed. Corolla
18 mm. Racemose, small and shaped and long
tiliata (Observed in fl about 4-8-31)

* 4-15-31 Mentilla Fragariaeflum Ehrl. Cate II 17
  Bon 77 = Petrolis Karstke BVH 142, Fl. Admission common
  with these. Cota except (a) filaments do not
  cross-stiff "tube overit are common; (b) the hair
  calyx, "Ich" having a ring of bright orange color, set.
  Many carpels in anthesis, green in bud. Style
  white about 6 mm. long. Styles and style 3 mm long. Corolla
  white, flowers except petal with hilum. (Admission
  in fl. earlier) (See 4-23-31)
4-15-31 *Viola alba* Rehder. *Cvte.I 154 = *V. villosa* var. *floridana* =

*Not found in Ron. or BHN but prob. in *V. odorata.* Ff

Fls. (a) Entirely white. (b) White with a purplish shade (c) Fls. white with a purple shade. (d) Fls. with petals on outside dark purple at tips, shading to almost white at base, inside much paler and purple. Stem and leaves purple. Petals purple. Stem dull green. Often with veins purple.


Ff not noticed but the hunting pales, style (in case only) vili laminae peduncle seem to define species.

Lower petal nearly or quite entire (all *Cvte.I 154*) not "settled back in" (Ron.) lateral petals slightly bearded. Petals taper to a point. "White" found with the white one on January 19. *Val-Mont 3-26-31*


*V. foliata* BHN 59 Ff. Albion. T. glabrous with stipules conspicuously fringed. Ff. paler than above. Stigma differs from above in that style is rounder (at least it is more spherical) and def. papillarized.
and blunter lateral petals bearded.


4-15-31 Botasites albus Burtin (see 4-7-31) Neada mostly & Alion, no just appearing. Beasts joined. gland pubescent.


4-15-31? Arabis linaria Scop Cote I 658. Rov 26, Burt 211. Fl. Alion. Path to incursion. 5' in high. Basal leaves rosette, apatulate narrowing to petiole 1-1.5' in overall. Stem smaller. Blade or almost no hair, slightly toothed on lower half. St. def, pubescent, ascending longish hairs. Vv. red to pale pubescent with hairs to base branched at v. near middle. Petals white 3.5 x 1.5mm. Stip mother less pubescent than stem. Alion 6-24-31.
4-15-31 Anthoxantherum odoratum L. Cote III 533
Bot 350, BWH 530, $121 Early fl. alpin.

4-16-31 Anthelepsis vulnereaia L. Cote I 317, Bot 73
Bot 121, & 511, BMCP. 415 Fl. alpin.

4-16-31 Lotus corniculatus L. Cote I 361, Bot 81
Bot 120, & 511, BMCP. 1403 Fl. alpin.

4-16-31 Ranunculus bulbosus L. Cote I 31, Bot 9, BWH 10, & 398 Fl. alpin Some s appreciation much less than others.

4-16-31 Nepeta hederacea Trew. BMCP. 643 & 697
BWH 364 = Accept L. Cote III 106, Bot 257 =
N. hederacea Bent. Fl. alpin (a) Calyx 17mm long;
stamens developed (b) calyx 8mm long, filament
very short; included anthers uninflated voltaeal
out. Calyx v calyx long(2).

4-17-31 Lamium panureum L. Cote III 108, Bot 252
BWH 411, & 700 Fl. alpin (T) with L. maculatum.
Calyx 15mm. plant strongly ecarting; barely.
 follic (Cote). Basal leaves small and shaped but not
longer leaf as in L. maculatum.
4-17-31 Primula
Fl. Alba (Plancena) would be thought to be P. alatice
Hill except that corolla has some folds at mouth
as P. vulgare v. P. vescis (Cote 263, B.V. 368, B.M. CP.
573 say P. alatice has no folds at mouth). This
may be a hybrid bet. P. vulgare v. P. vescis as
desi. B.V. 368. If very blue P. vescis but has
abruptly contracted. Soft like P. vescis (separ;
judicates losing glabrous but 20x) with many leaf
sparsely pubescent—almost papillate). Calyx near
nearly like P. vulgare with prominent angles
v. sharply acute. Coble but calyx not as
pubescent as P. vulgare and more loosely
fitting than P. vulgare. (Not however def. in-
flated like P. vescis v. not dark green on outside
as P. alatice [Cote]) Corolla much like P. vulgare
in that limit—in almost flat and almost as
broad (7.3 mm while P. vulgare v. 2.77 mm v.
vescis v. 1.8 mm. at most). But difference in that
color is almost as dark as P. vescis v. tuba most
like P. vescis in being only slightly exerted
beyond calyx. Orange colored spots at base of
corolla looks like those of P. vescis

4-17-31 Cephalonium major. Cote 263, B.V. 368
B.V. 291, 294. B.M. CP. 279, Fl. Alba. Note: delicate
Filament narrow to attached at apex.
4-17-31 Valerianella Carinata Lois Cote # 267, Bot 146, Fl. blion (Touaux). For young true leaves characters not fl. exactly like ill; V. victoria Poll Cote # 267 Bot 146; V. locusta Bot # 277 but note distinction B.M. Cr Pot. V. locusta Bot & V. locusta var victoria. No Bot 146 bro. Numerous branches from top first, all branching again several times in 2-5 ft. height 9-11 in. Stk. Pale, crisp, hollow, 3 mm. diam., usually 6-12; leaf teeth absent, downward pointing, not pressed, hairs on 1/2 otherwise glabrous. 1/3 to 1/2 in. (upper ones smaller), entire or with occasional sparse teeth, blunt at tip, deep and equally broad from dip to base, glabrous except for slight hairs amidst beneath 1/2 edges. Flo. very pale blue, 1/2 in. diam. Basal bracts 1 or 1+ mm wide, def. ciliation edges Fl. (very young) 3.5 mm long x 1 mm wide, base narrow in face, no thickness at base, cells completely divided (together) as long as visible call. This points to V. carinata Lois. Fl. or cross section very like ill Cote # 237. See 6-18-31 Fl. Touaux exactly like ill Cote # 237, V. carinata 2 1/2 x 1 1/4 mm. Slightly pubescent.
4-17-31 Luzula pilosa Willd. Coast III 455 BNH 491 = L. normalis DC. Bon 322. Fl. thion. old basal live. midrib above base (ill Bon) to 7 mm, hence perf. this is not L. Forsteri DC. But bracteoles under fl. are sometimes of hue (Cat.) with nodif. midrib and sometimes acute with midrib prolonged into short plumo-like tip. Infl. (2-5 s.) suggests ill Cat. (See 4-28-31)

4-17-31 Myosotis silvestrica Hoffm. Coast Ill 601, Bon 224 BNH 923, B M.G.C. 624. Fl. very young fl. thion. Corolla flat, 3 mm dia., blue (1 spic white). Calyx well covered with hairs (appressed v spreading) time g-tube located. Corolla tube as long as a very slightly ablatious than sp.

4-17-31 Myosotis Fl. thion. R. same as before but only 6 in single, up to 10. Duf 6 corolla terminal or short pubescent. Corolla flat, blue. 5 mm dia., 6 to 8, half floreted. Raceme has a tight compact look. Otherwise nodif from above discernible.
4-18-31 Corydalis cava Schweigg. Cult. 66. Bon. 14. 2 ft. Ane in ground. 8 Val. Mont. 20 pes. Seces. from cult. Fts. from purple to pure white. Bulbs not collected. Corolla 25 mm longest mean. 17 mm spread at mouth. Seeds not def. Tail like appendage twisted 1 1/4 revolution. In color this is truly a small pro-
tolerance.


4-18-31 Epimedium
See B.M. 11. C.P. 287. Bon. 11. B.N. 16 for genus. Might be thought E. alpinum L. Bon. 11 ex excpt that fts are pale yellow. Fts. in raceme. At this stage plant consists 3 naked hairy at 8½ in long from top which opening very
young and ind. Fts. slender pedicels 1½-2 cm long, subtended by small beaks sometimes
with another similar beak on pedicel 3-2 similar
beaks immediately under ft. (sometimes no be-
aks seen part of pedicel) Sepals 8 of which the
tate 4 are smaller v. green. While the adjacent
pair 2 beaks fall early in anthesis. The 4 since
sepals (are opposite resepals) circular, petaloid, pale yellow. 4 petals of the resepals, pale yellow, consist of wide the length. Sepals lying along its center
with an upper rim (so that the 4 petals
form a cup-like center to the fl. the 4 sepals
forming a cross) Stamina 4, off. petals, open-
ing by valves hanged at top. Linear outercoat.
1-still with ovals in 3 rows on one side,
many flowering stems) "relax on back" B.M. f.c. P.
Fl 1.5-2 cm. Young fl. (a. t. s.) not as
high as racee. Petiole 2 in long, somewhat
leathery glabrous or hairless, hairless beneath.
An old dead fl. collected from bed has petiole
10 in long, the compound fl. being almost 10 in long.
4 tooth 3-petals.

The terminal leaf 3½ x 2½ in. ovate, acute,
undulated with narrow sinus, entire except
that the cotyledonescous edge is continued
in short spines (more like ciliation than
teeth) At points where petiole divides in
3, it is definitely enlarged.
Fl. Vt.-Mont. tent. cult. bluish.

4-18-31 Lithospermum rotundifolium L. Cote # 63, 2 1/2 - 1 1/2 ft. Bon 244, BVH 334 Ft. Ft. Val-Mont grounds under (See 5-23-31)

4-18-31 Chrysosplenium alternifolium L. Cote # 144, Bon 116, BVH 177 Ft. Ft. Col by quadrate near Klein (See 5-12-31)

4-18-31 Arabis
Ft. Klein, Val-Mont grounds as per. escaped. 12 ft. perennial with underground st. more tubular, held pushing forward each year. Several simple sts. rise from same point, in what was first basal rosette 1 1/2 x 3 in. with coarse rounded teeth, v. perb. no petiole. Sts. round 4-6 in. high v. covered at least below with very short hairs which are bristled at top (hairs barely visible to eye), v. to top. 5 1/2 x 3 1/2 in. sessile, v. partly clasping, truncate at base, coarsely toothed on the smaller surface more almost entire, often glabrous or v. with some hairs like those on st.
Calyx glabrous; 4-5 x 4+ mm high, sepals purplish on edges, 2.9 mm slightly succulent at base. Petals 1 mm x 3 mm at tip, slightly imarginate, spreading in anthesis so that this is almost 1 cm across. Stamen purplish toward tip. Petals 0.5 mm long. Pods will be much longer than wide/varying seeded. (See 5-3-31)

4-20-31 Cardamine pratensis L., Cote III 105, Bot 37, But 33, 84-36, BMBP 406 Fl. thion. St. hollow. The white root stock bearing small leafy scales at intervals. (But) Some 5 larger viler basal four leaves on upper side. Raceme at axil of leaf, pointed green fleshy, pods projecting each terminating in a fibre which may be a rosette (about 1 cm long), often with what seem minute abortive in flowering.

4-22-31 Veronica Chamaedrys L., Cote III 34, Bot 295, But 84-9, 87-37 Fl. thion. Corolla tube slightly hairy inside in front. Style x filaments blue. Corolla 12 mm across, deep bluish blue.

not as in above. Corolla light yellow, wider than v. 3 petal v. slighter showing more in 4-22-31 Veronica arvensis 1. Cote 1037, Ron 286. 284, 349, 4738 Fl. Alion St. red. Veins of showing strongly beneath. Pedicels 1-1.5 mm long i.e. much shorter than bracts (Cote says "plus longe"). Corolla (1.5) show no sign of being "cup-shaped" (203). 4-22-31 Aubrietie deltoidea D.C. BMCP 5309 Fl. Flows young for Cult. Vel Mast. Common v. Beautiful on win walks in Alion v. vicinity. Leaves are crinkled on, the thickish petioles slightly clasping. hairs of a. sample on handkerchief material in peduncle, calyx v. red all incased with satellite hairs. Filaments more a less winged on edges the 2nd of eliptic filaments (BMCP) consisting an upward prolongation of the inside of the filament almost equal in height to the nuttler. Fl. mm v. more across the split blue-purple, has usually 2 spotted manna. 4-22-31 Buxus sempervirens 1. Cote 112335, Ron 383, CDR 409, BMCP 458 Hedge. Cult. Hotel.
to bluish P.R. station, note in 2 ft. the 8 fleshy members
alternate inside stamens 1 mm. All the stamens
with irregular bent stamens. L 2 to 2.5 x 1.5 mm.

4-22-31 Viciea repens. l. Cote I 385. RN 35, B. N
128, G 536. F. L. Allon. 1 ft. to 2 ft. pairs, largest 2.5 x 14 mm.
all ovate or truncate broad. micronate. Sepales and
entire adnate. Racemes 5-6 ft. F. L 15 mm long.

4-22-31 Tenerium Scorodonia. l. Cote III 137. RN 256
BN 373, G 693. Muscroid indument and bluish char. Leafy
Allon.

4-22-31 Asplenium Ruta-muraria. l. Cote III 693. RN 380, B. N 586, G 39. Sor. very young but bluish char.
indurio. Glion. Upper surface of frond flushed above
(20X) with very short distant hairs.

4-22-31 Arabis Turrita. l. Cote I 99, RN 36, BN 31
Crossfit. Fl. Allon in well on highway to Montreux. Pref.
cult. Suggests ill & Arabis Turrita. l. Cote I 99
10 mm high. Whole plant finely covered with short
(Identified by more mature specimen 6-3-31)

4-22-31

short hairs mostly tranciend atattle. stamens
shorter. Basal lobes like ill cone 6 in overall. Also
numerous to near top. connate clasping petal
base, ovary. Diclit. Inf. (c, 1, 3) terminal. Compact
with bud of smaller salmon in axils of upper
leaf. Petals spreading so that fl. is 9 mm across. Petal
long x 3 mm broad, not quite juvenile. Sepals yellowish
green, not sacate or a base, equal to claw of petal to which
not closely applied. Carya with 2 of flowers Gonzensa
and def. glaebes between. Each pedicel seems to
have a clasping bract a little above its base.

4-22-31 Lycula canaliculata D. C. 457, 32. 22
But 492, 4279 Fly young Jr. Klein

4-22-31 Lycula Forsteri D. C. 453, 32. 22
But 492, 4279 Fly young Jr. Klein. Collection with
L. pilosa Will 8 4-25-31

4-22-31 Chilea marcum D. C. 462, 32. 311
But 460, Fly Klein. Not spotted but thin-crestedly
potent (see also 4-20-30). Broadest at 2.5 cm, Fl. 80
by manyee 20 mm severe area. Colllected frequently
during next 4 weeks. Only once any trace of
spotting. Only other pot. taken D. fruitless


4-23-31 Potentilla Fragariastrum Libb. (same as 4-15-31 which see) Fl. alioi. Plant in dense clumps from rootstock which sends up many stems clothed with 2-serrate, linear blade. The slender flowering branches in axil. Some of these at may later be creeping but no real runners not evident. Petals pure white, linear, lanceolate, slightly recurved at base. Stamens with slender filaments hardly enlarged at base. Anthers of uniform size so that pollen could be surface faces instead. Sepals pale green, slender, 2 mm long. Style pale green slender, 2 mm long. Fruit smaller than Fragaria, yellowish green, with fruit veins showing more distinctly beneath.

4-23-31 Fragaria
Fl. alioi. Cfr with above. Plant not in dense tuft. Lower 1-2 in fat, stout & clothed, dead remnants of older runners, this year's top flowering stems all proceeding from it. Old runners numerous, slender, to 5 ft long, sometimes branched. Petals somewhat less pure white than above, but not quite perhaps because of slight veining which makes them less smooth. Rind of entire at apex and rounder at base i.e. much more nearly circular in outline. Filaments def. longer at base than at apex. Anthers flat-
tish & opening on edges so that neither outside nor inside surface is pollen covered. Receptacle enlarged even in fl. glabrous (except base where it is flat just inside ring of stamens) Style bright yellow, thick, ½ mm long. Fl. 15-19 mm diam. 16-19-33 plants in same vicinity were found to be F. nivea L. Cote 27, BM 100, BM K 140, 14499, BM JCP 957, SVU 3637

4-24-31 Ranunculus Ficaria L. A 394, BM 249 = Ficaria ranunculoides Roth. Cote 31 = F. ranunculoides Moench. BM 9. Fl. bluish (Not been in flat banks since 4%) Flavescence 1 inch. (Note fl. in Majorca 1-6-31 was ½ 2 inches. Remembered by whole plant much larger)

4-24-31? Ribes sanguineum Pursh. BM JCP 336 Fl. Cult. bluish. If in BM JCP must be this because style glabrous. Baset 3+ mm, pedicel 2+ mm. Calyx tube including rosy about equal or a little longer than the 4-5 mm limb. Styles united to near 4-p. Pedicel bracts, maroon lower part, calyx all glandular. The very young box part will be all green v. glabrous above. Now softly pubescent, beneath all parts more or less glandular. Base of petals expanded into 2 thin wings. Comp. A. latifolia
4-24-31 Acer platanoides L. Cate II 268, Bm 61, BMCP 469. Broken fl. on path. Vel-Mont flute. So perhaps cult. Inflor. sessiliflora, glabrous, branched. Petals 4mm high, stamens hardly erected. See 4-28-31

4-24-31 Taxus baccata L. Cate III 270. Bm 944. BVN 423. No fr. fr. Either. Bark reddish, very rough. L. very blunt, point-like. St. when lies have fallen, rough with overlapping terminal ridges which formed the lower part of petioles (adene to 2cm.) Petioles pubescent but articulated to this ridge. Fruft cuneate, shape aggregations. Frukt from to the rest of a yellow fruit. Frukt dark green, shining above, duller yellowish green below. Branchlets rather Y, rather like Picea except that articulation is so plain (flower) that the short petioles are not left on at. Branchlets green much more slender than Picea.


4-25-31 Cotonesta Emeerta L. Cate II 406, Bm 90, BMCP 416. F. fl. Either. Upper part, yet green, densely ciliate. Lower sometimes with a few appressed hairs; lower
parts Jst. with much vitric inclusion where
skin has broken longitudinally. Fls 15. Many
last season peduncles remaining, 15-22 mm long.
Peduncle usually as long or longer than subtending
leaf (a.J.S.). Stamens all with filaments enlarged at top.

ey (a.J.S.) shows no sign of articulation. No leaf (a.J.S.)
more than 1/2 in long. Mid-vein beneath often reddish

4-25-31 P. Potentilla verna L. Coile II 25, Nov 79
Bh 149. Fl. rhizom along R.P. bet. Val-Mor V. Coile. Scant
largely by eliminating other possibilities, 3 ft. in width
hanging over banks) to 1ft long, valued (reddish) below
1/2 with a few remains of old foliage (1-3 in long).
This accords with Cod. 2/2 terminal (prob. lateral)
leafy, 3-lobed short ax. Some of these (a.J.S.) are
short 1 ft. with 5-lobate bds. others to 2 in. with 5-lob
or 3-lobate) 3-lobate, branching as many as ill Coile but
fls (nearly 1 in) seem slightly more succulent
neatly flowering into shorter than or equal to the dead
leaves same point but a few elongated. Fl 12-15 mm
diam. Receptacle more than sepals not fully as long.
largest fls 15 mm long, but this season if taken
more than 1 ft. large. Spec. best stuff if left seasons
low in at lower part 4 ft. flowering slender but not
"recumbent" and a few do not "ride" in wetter as do
P. opaca W. & Coile. All parts covered with spreading
hairs. (See 5-30-31)
4-25-31 *Caryophyllus Avellana* L. Cote: III 357, Box 287
BHN 420, BMJCP 230 also 833 for good dense growth. 9 ft, Cathinore or just drooping 8 ft. Beginning to appear. Cathinore slender, several together, pendulous. Scales golden brown, pubescent, much thinner than in Acalypha 3-29-31. Each scale with 2 small lateral adherent scales inside. Stamen inserted on scale itself (BHN). No evidence of stamens inserted on scale itself (BHN) except that one of the abort stamens sometimes seems to be 2 of the normal stamens. Ill Cate very exact. (See 5-8-31)

4-25-31 *Bergenia ligulata* Engl. BMJCP 226 F1
Cult. by Edna Drake Action. On the old f. the calyx is almost spiney to touch, not nothing that could be called "gland-bearing pits." Petals 15mm long, perhaps not quite orbiculate. 5-1-31 Cult. *Toona* Higon Young young serrate, not at all ciliate, 14-20 sides with many small pointed tips visible only 20X. Plant collected but became the common plant commonly collected hereabouts.


4-25-31 *Digitalis lutea* L. Cote: III 26, Box 238
Last season Adams with dead box. Empty capsules
and early basal loss of this reason. Gliion P.P. but V.M. 
Gliion. Ident as exact as pres. without fl. Capsule well 
turned to one side yet.

4-25-81 Salvia Cruciata L. Conf. Cote 1241. Box 139 
BvH 320 Fl. Gliion.

4-25-31 Geranium pyrenaicum L. Cote 1247. Box 58 
Boe? Boe seems to equal B. — Bunf. BvH 95, 9555 
Fl. Gliion. Stipules conspicuously berefted. Largest fl 
1.5 cm diam. Fruit securae, vein lattice strongly marked 
Petals def., but not deeply notched.

4-26-31? Alnus Cordata Deaf. Cote # 277 Treating ground 
9 feb. Most Alnus hence prob cult. St. fog young for. Such 
both scales. St. but are left are glabrous but blue 
foxtail vs. blades aprented with small circular 
brown scales. Lvs all short pointed. Teeth 1/2 rounded V 
slightly broadened at tip. Lvs shining above and globose 
except for silky tufts of hair at base of mid rib beneath. 
Oblomes (still white) 25 x 15 mm. Fl. 6 x 9 mm. oval 
gradually curving to an acute tip hence not aspell 
(late with def. abscisstions) Fine fralcome 
Brevicordate, la
tains, now falling
8-5-34 Fk. from Alex. 

21 juliet /w 111, from this is 

B. pubescent. See illus 194. This form not pub 

B. pubescens.)

4-26-31 Betula pubescens Ecke. Conn. 275, P. no. 289

394.4, var. young bo. remain. 8.2 ft. Thin 

grow. sp. from 2 week 'A. dark white, 2 bark reddish. Bark 

free slender (perhaps young) but not evident other 

wise. Twigs bloom in adult pubescent.

4-26-31

Bt. 4 in. found flying in road near Val Koot. Suff 2 in. long 

brown. Breeches sick, 2 mm long. Sufi for 

like depressions on canoe but not treated. Very poor 

about 1 cm, with setae clumping service 

pale with 1 mm high. Canopy with 1 grooves down 

opposite side and a securil at spine 2 their spreading 

lobe, or a these indeat of from many faces (not 

quite securil). Length: 1 cm, with about 10 branches 

neal base on what seems to be a parasitic 

placenta alt. with grooves outside. Solenax 

in stipes (defined stipe) as larger arrow 

size of 6 members. 4-28-31 Similar but found near 

Craig. Suff 3 in. long x 1 cm. 3 securil at spine. 

little over 1 cm, in 2 grooves down at the 6-8 cm. 

about as usually 

4-26-31 Cerastus avium Mound Cote. 7, Bow. 95 = 

P. avium, Bum. 189, 499, BMG C. 376. El vix 

almost full grome skin in wood outside 8 cult. 4/ 

on rham. Calyx tube de. contracted at the top. 

with 10 2 red points at top, inner leaf not 8.6 ft.
If v H. M. L. foliacea (agreed on this with J.B.M.C.P. but not with Cote). Calyx 7 lobes entire (B.M.C.P.


4-28-31 Helleborus
4-28-31
Rox. 13. Lfts. dentate, almost 6 lance. Fls. more than 2
(in this case 4) V. bract (on pedicel) sepal and digitate
all Coste and Bt. Fls. greenish, white or rose. Sepals
dotted with carmine below middle. Petals less than
2/2 length stamens when in full bloom. Note that
BM C.P. 280 dec. ft. m. 3. Includes clwm. ft. 4. m. 3.
ft. dec. ft. Coste, Bt. Bt. ft. 3. Petals 15 in each of 2. Fls. counted
widest left ft. 8 in.

4-28-31 Forsythia suspensa. Vahl var. Sieboldi. Label
BM C.P. 596 Fl. Cult. Alton. St. hollow. Fls. 1 from each
of the several buds grouped close together. Has just
appearing but as far as could be seen all simple s. tooth-
ed about middle.

Note in R.B.C. notes.

4-28-31 [ACUBA says Min. MacEwan 5-13-34]
Shrub cult at Val. Mont. very decorative with shining
leaves, bright red fr. Has prof. exstipulate glabrous
stamens. (1) I. A. yellowish green not spotted, to 3 x 1 in
mailed at base, rounded, broadest above middle,
distantly but deeply toothed below middle with deep
narrow apex. Petals 1/2 in. (b) 1. A. with many yellow
petals, ov. Petals to 1 x 2 in., less curved at base than
(b), teeth less distinct. For the same in (a) 1/2 to
more short (1 x 2 in.) racemes non-lateral in axil
2 young branches but from terminal in anthecia.
E: 1-5 mm. large (5mm. less). Pediocel and 2x pedicels.
Pediocel and bracts petaloid. Palla, palla, 5 mm. long.
Length of petal large, apex rounding a small, thin, ovate, petaloid edge. 4 rings calyx wider than stigma. Stigma 
accessed (calyx) anti-tilted. Seed, almost large 
and large, a flat, cord lying in shallow groove 
along one side from top to bottom. Young 1 leaf 
also one or 2, hairy. Pendulous. Calyx tube (outside 
various) persistent with brown, depressed base. Petal 
4 mm. in bud, green outside, purple inside with sharp 
unflexed tips. Petal about 2mm. small. Disk contract 
with floral parts. Consider proc. Barbasco. BMCP 5172
Elephantopus has yellowish odor, not like "petid". 
(See 5-7-31)

= Ephedra alpina. Cote 130 c. Box 71
4-28-3 [Laburnum alpinum KURZ. BMCP 1419]
Tree just lead to Dr. B's garage Valhalla. Very young, too 
early season to. Not like thought Laburnum. Except 
that BMCP 1419 and Cote 1308 say "no stigmas". These 
10. (hardly not 9 leaf) have and shaped at angles to 13 mm
long, apically flattened, tips towards tips. Silky 
petal, edges and slightly hairy on midrib beneath. Other 
side glabrous. Leaf 6 to 2 in. dimensions 9959. Albicans 
at. 3). Pods 1 to 1 1/2 in. upper surfaces thin, papery, slightly 
winged. Seed 1-8, 4.5mm. longest dimension.
[See 5-15-34 and 8-3-34 when this tree was definitely proved to be Laburnum anagyroides Medic]

4-28-31

dimension, the more or less heart-shaped base with one lobe very much broader than the other (see 5-3-31)

4-28-31 Acer planatoides l. (See 4-24-31). Shion. Tree in ft but only thing with very young lvs. 4st. Rte. red buds. Scales (4½ long) from confluence crisp (later replete) under the neddle. These scales with fine, appressed, rusty lines on outside, glabrous inside. Petiole v young in glabrous but more as covered with small (very) globules. Oak (within several inches) milky

4-28-31 Acer Pseudoplatanus l. Cat 1 269, Rm 61, BvN 101, B.M. 1244 467. Bud opening in well developed shion.

4-28-31 Cercars Malabat Mill. Cat 178, Rm 95; - Penus — 1, B. 40 98, B.M. 1244 370. Bud (opening in lvs) very young lvs. At least some P. infrd with 1 or 2 glands at summit (B.M. 1244 the BvN says not)

4-29-31 Tilia platyphyllus Reep. Cat 1 253, Rm 58. T. platyphyllor Reep. Bot 92, B.M. 1244 482. Very young lvs and 2nd f. Shion. Bud scales 3, the inner scale def. clasping (but not quite encircling of) scales
show signs of earlier presence but now almost invisible. Stipules conspicuous as fr. unfolds, folding like more usual scales. Youngest leaves soft pubescent.

Fr. 8-10 mm long, obovate, pubescent with 3-5 (usually) 4 def. ridges, shell thick, smell. Hrs. def. soft pubescent beneath. (R.T.S)

4-29-36 Clematis vitalba L. Cote I 36, Bon 4, Bo 4 8, B.M. F. 275. All fr.全能. Ident. by climbing at 6 ft. pubescent receptacles. circa 1/2-3 in long. Each carpel on very short but def. stalk which issues from cupulate depression, in receptacle and ends in cupulate depression in carpel.

4-29-37 Mistletoe

Cult. Val. Mont. Frs white, 8 cm small, 22 mm wide, on pedicels 1-2 cm. Calyx grayish white, def. pubescent. Pedicels soft def. pubescent. Borne 12 in long or small, the lower part bearing 7-8 dt. hrs of which the upper 2 subtend frs. Frs bearing part of raceme, 9 in long, like 11 (usually) 3. No turks except those on raceme ed. 1 fr. (very young) appressed silky pubescent. Dts. in front black, one subulate

Fine appendage. Fr. fragrant.


4-29-31 F. young. Fl. Ekron. Perhaps near above. Possibly same as V. that date. V. arvensis 4-22-31. Many st. from rather slender root. St. decumbent, rooting at base v. usually with several opf. branches on lower part. Inf. erect, ovate, subulate, rounded at apex, with def. rounded teeth broader than sinuses, with 3-5 nerves (usually 5) distinct beneath. 0.15 mm. long, slightly narrower. Petals 5 mm. Intermediate, less similar to aciculae. Siliques much shorter than internodes. Infl. are composed of 2-5 branches at top. Lower floral bracts show transition to type. Upper floral bracts similar to those of upper floral bracts which are small.
(Looking almost like a larger calyx lobes) lanceolate vexillum 
Corolla very pale about as high as shriveled calyx lobes, 
dense much shriveled longer calyx lobes. Widest 
capsule 4 mm high x 4 mm wide very flat, glabrous 
except for ciliate edge. Styles not more than 2 mm 
not projecting above top of capsule. St. v. bristly 
pubescent. V. densa var. ammobesttensis ssp. 
pedicellose are not longer than calyx tube (Cota 
very long), capsule larger (Cota 2 cm 5 mm) and 
no mention in fall & rooting etc. Deciduous 10-12 
in each cell (none capsule counted).

4-29-31 Salix incana Schrank Cost. III 270 un 
Young twigs greenish ridged, pubescent. Bud scales 
have been pubescent. A rather bright yellow beneath 
the grayish hairs, many now more nearly glabrous, 
still rather bright yellow with distinct bronzyish 
red tips. 3 calyces on very short hairy stem with a few short lines (to 8 mm) bracts below. 3 calyces about 2 cm long, the lightly pubescent scales 
greenish yellow and very not hair tips. Stamens 2, 
5-5 mm long, filaments united in some distance 
above base on this position slightly hairy in- 
Very young in (very long narrow but not chaffy). Cost.
not with white tubercle tips. Bland, motley.
4-30-31 Ranunculus acris L. Cote I 29, Bn. 9, Butt. 10, & 398, B.M.C. P. 273 Fl. Klein. Not as large as Butt much better than Cote.

4-30-31 Saponaria officinalis L. Cote I 186, Bn. 46, B.M.C. P. 365 Early fl. Fl. Klein & Monteux. Stalks reddish. St. trailing with many lateral, more or less erect branches (6-12 in) which are green reddish. Location of these branches crowded or small. The upper leaves distinct and larger (to 1½ in long) not as coarse as fl. (2½ in) but rather eliptic × narrowed at base, ciliate below but not towards tip. St. v peduncles very hairy. Calyx glandular-hairy, nerves visible. Pedicle with 2 erect linear-parsmatic (½ + mm long) at throat. Stamens curl in spiral or withering

4-30-31 Empodiosa Cypiriacea L. Cote III 343, Bn. 387, B. 549, B.M.C. P. 453. Fl. very young fl. Klein. Base flat, covered with alate-lanceolate, crenated scale. 1½ in. at base sometimes to 5 mm wide.

4-30-31 Lathyrus latifolius L. Cote I 402, Bn. 88, A. 527, B.M.C. P. 393 Fl. fl. Fl. Klein & Monteux. St. bipartite 1 cm wide and wings. Stipules 1 cm.
overall. 1 ft to 6-8 cm long x 15 to 20 mm wide.

4-30-31 Carex digitata L. Coast # 510, 1pm 334, 131H 574
Fluffy foxtail sedge. Tufted with 3 (in case studied) stems which for 3 in or more at base are covered with sheaths of old leaf. Lower all from base, about as high as culms, 2-3 mm broad, rough to touch, sapa when dead. Culms about 15 cm high, recurved from each set, erect, very slender, ridged but not obviously 3-angled, males except for a few short, red, sheath-like, leaf blades at base (there bracts with about 23-4 mm
umbel-like blades. Spike about 1 cm long, narrow, its scales red-brown at first; broad white edgew or hips which make the spike paler than the 3 spikes. 3 spikes (c.1.5 cm) not more than 1.5 cm. Scales broadened toward the rounded and (sometimes) apiculate tip, brown with green near down back. Scales more as long as the trigones, abacthedral, pubescent perigonies. Bracts sheathing, more or less reddish. 14 mm or less long with abacthedral blade.


5-3-31 Anemone maculatum L. Cate III 483. Bn. 317, BN 486. BM & P. 134. Fl. Klein. Trans. spotted. Spatie pale green with only slight fringe of purple at base 1 1/2 in long. Spatia 3 1/2 in long, the calyx 3/8 in long, the calyx especially brownish-purple about 1/4 in long. Male flower lesser than in Cate with fewer filaments between.

5-2-31 Lathyrus vernus Bernh. (See 4-12-31)
(a) Calyx tinged purple. Corolla purple turning
greenish-blue
(S) Calyx pale green Costals pure white. Otherwise alike.
Path on hillside above La Vagu.

(N) growth homonone Palestro. Scales grown
opened with glabron of glabron. Lvs. (largest now 3 x 2 cm)
Tiphalec broad-acute, perhaps down curved. If stand
ily part atom. (firs will be bens later). White crupt
in perhaps still beneath, otherwise to the best.
Stipules not very small. (BUT: BM. W. P. say
conspicuous but caduana). 6 petals 8 to 8 to 1/2 in.
thick, on very light petalale with a few teeth, (although
do not look as this they would be 2 in longer.) BUT
Rhizos pale other. Racemes about 2 min long. It is
long as the hairy scale which is black except my
base. At least 6 times as long as the wing gland. Capes
prof. 3-15 mm. (a. 5's) with long tapering gland. Style not
more than 1/2 mm. Stigma 1/4 mm. Transversal
over middle.
5-3-31 Carya ovata (see 4-25-31) Note that the stipular scales which have a paper-like texture are rather large, convex, glabrous, and have prominent, long, white hairs (more or less matted) on the thin edge. 6 x 5 mm. Young twigs besides being white pubescent, have spreading purple gland tipped hairs. Stipules are glabrous both inside and outside.

5-3-31 [Carpinus betulus L. see 6-30-33] Replacement. Young leaves of brush newly planted for hedging around farm near V-L Fruit. Twigs reddish brown with small white dots visible tips, young growth with scattered long white hairs. Stipules lanceolate 10 x 5 mm. red conspicuous with a few light reddish tawny hairs on back, glabrous inside, more or less matted hairs on edges. Less thin (i.e. much thinner) than Carya ovata; dbh and in shape more ovoid than Ill Carya ovata; Cast 360. Leaves more as many as 13. Young leaves strongly deflexed as they come out of bud.

5-3-31 Placement. Tree to Highway near J. Val-Mont. Bark looks like "borer-work." Branchlets of tree in same plane. General effect much cooler except
that leaves yellowish green with 120x more nerve.
Stipules 13 x 4 mm with sides 10 x apex blunt, pale
yellowish green, much red.

5-3-31 Viburnum lantanum. Cost. 231, Box 137
Pedicels ½ in.

5-3-31 Bromus mollis. Cost. 64, Box 368; BHN
532 = B. madacceus B. 168 = Seraphine - Paul
Barcelo’s 5-10 Bush. Hellinging in ground last 14 Val. Moit.
(See 4-20-30) Common Cheat Bhen

5-3-31 Cholesterol lagenaria Koiz. B.M. 48,
with deciduous lobes.

5-3-31 Arabian
(Same as 4-18-31 with long fl.) Euphr. fr. Wall, 440 Val. Moit.
Pedicels about 6 mm. Pods now 7 cm long x 1½ mm
wide, very flat, glabrous, no sign of seed, new,
position of seeds showing palinaxis as single
Cenotaph. Pods grayish v. drab, taking, all
turned to one side (perhaps reduced on side
of wall. Seeds in 1½ x 1½ x long wing or mas.
quin. Filaments slender.)
5-5-31 Cruvalis lutta DC. Costa I 66. Bo. 14, Bo. N33
Fl. Val. Most ground, so perhaps cult. Bracts very pale, 3 to 6 middle much shorter than older pedicels but a little longer than the young pedicels. Sepals which pale, dentate. Ovule to 15 mm over all. St. angled

S. Bo. 233 is the fr. if exactly like in Costa. Note leaf base not as oblique as other species. Some veins forked, apex relatively long. Petioles 1.5 mm or much less. Young growth with spreading white hairs. Have look aline in base in spite of hairs (at least) but as well as on veins. Tuft of hair in lower axils. Pedicels about 0.5 mm. Very narrow & delicate, pale, apetalous to free they fall (see 5-12-81)

5-7-31? Dorsineum
Cut flower 10 in long brought by Ann Dixson for ident. Using they BM & C. P. Head 3 in a row with yellow disc flower
1 disc of yellow & range, invol. not dry, carin. is indicated, receptacle raised (this & geese),
beakage shows no signs of being detached,定居
or glandular or resinous dots. N. no papillus
unusual (see. Rosin, Tribe site genus)
Bracts 3 involucral; in about 3 series, unequal, papery, capillary bristle, anthers not held at base, style yellow.

Vice-Count, p. 93. Bracts not serial; coasts at base without short bract at base.

Donaciones 27. Hollow, strongly ridged, mostly glabrous below but becoming thickly glandular pubescent, slightly below flower.

No hand love collected but in distant on this piece last, these being only 5 in the 10mm length each subtending it. There are leaves (the lower one broadly 20) cuneate, def virex, toothed, pubescent on both sides, small bracts 3 cm long (-3-4 at tip), narrowly lanceolate, acuminate, ciliate, pubescent but not glandular above the base. Pericarp 1 cm wide, smooth, toothed at apex, achenes oblong, truncate, strongly ribbed, these 3 mm glabrous or without papillae, third 1 3 - 4 mm pubescent with papillae, dentate, silky pubescent with papillae, dentate, silky pubescent with papillae, dentate, silky pubescent with papillae.

See Cont. 291. December 32. APH 237. BM 010. 3-18-31

ACURA

5-2-31 (AD 36. 5-2-31 H. 36. 3-28-31 H. 36. 3-31 H. 36.) H. S. Wat. " make 3 species to him long from kiwaiid and (a young adult now in long will make them 2 or 4)

Slight suppressed pubescent with deciduous bracts at each branching. Distinct leaves. Perianth 4 (125) long Habit, Italian, green outside, brown-purple inside. Stamens as many as styles.
5-7-31
Letters on my shirt thick purple filamental with white and yellow penciling onto the green disk in centre. Anthers red. Distal has small umbilicular depression in centre. 9 parts.

5-7-31 Lentiana verna f. Cote II 564. Box 315. Box 318
Fl. Col. by Col. Droge pers in La Cuesta, Region. (Note very difficult to distinguish betw. this & C. pulchella Jacq. Cote II 564 not gren in Box.) 1-6 cm high and 2.3-3 mm across. Petal entire or more a dentate at base - cent. at apex, blade notched at top sometimes slightly toothed. Sepal, in new edge of gold white. Throat entirely filled by the 2 white, semi - circular, short fringes. Two to 3 lobes, stigma. Very few angules below but less than 0.2 mm high.

(Ed 5-12-31)

5-7-31 Lentiana Kochiana. Box 8. Cote II 563 part. Box in H. caudalish. Box 315. Fl. Col. without dots by Miss Hoffman from Zwergjimmum 5-3-31. Corolla 4-6 cm high with 5 flatches of orange green at throat terminating the bands formed of several lines of thistle - dotted dots on tube. Anthers blunt, brownish with no parallel lines to study. Very white seated on a base 2 mm high. Fruit green and def. Off 1050 mm. Angules 6 - 7. (as col) 2 mm long. Paints corolla lobes not acute.
5-7-31 Scabiosa Columbaria L. Cote II 286. Bn. 148. 13VH 330 Fl. bluish. Fl. pale bluish ashier (Bn. and 13VH almost Cote). Leaves not less pubescent than pres. upward-painting white hairs. Peduncle with similar hair downward painting. Stigma longer than others.

5-7-31 Phlomis decoria. Bn. 97. B. M. C. P. 593. Fl. Cult. Val. Mont. Aleacea with clusters of small white fragrant flox axillary, larger pedicel 1/2 in. others much smaller (Consider pas. Clavea). Leaves firm & leathery, yellowish green, somewhat shining above, paler & dull beneath. Both sides with minute dark dots (25 X), 3-4 1/2 in. 1/4 in. Others tapering about equally to both ends, edge past cartilagenous. Calyx indistinct to like more or less jagged or toothed. Filament in basal ridge on corolla from base to sinus. Anther 1-1/4 in. longer than filament. Stigma only slightly higher than base of anther.

5-7-31 *Anemone ranunculoides*. Cost 48, Ben. FL. Brought with *Gentiana verna* by Ch. Drake from Long's Arcto region. Tubular, petals w. hairy, St. glabrous but pedicels def. pubescent.


5-7-31 *Rumex Acetosella*. Cost 197, BL. Cost 376, J. 357
BM. C P. 247 Fl. & fr. bluish (See 5-18-31)

5-7-31 *Fraxinus excelsior*. (See 4-29-31) 2 fls. 1 fr. Bl. Bl. Very long, thinner than 1/4 in. Lamina 2-celled with 2 (perhaps more ripples in each cell)

5-7-31 *Poterium Sanquiserba*. Ben. Cost 102, BL. 1 46 = Sanquiserba minor. Dept. BM. C. 3 8 9 4 Par. P. dactylis. *Sanquiserba Plants* Cost 59 (At least include it). Fl. bluish. impossible to identify as to species. Can't until ripe. St. reddish.
5-8-31 Primula farinosa 1. Cote II 523, Box 266 
204 300. E. Cult. A. Drain but "native at higheralt"
2 ft. 5 cm high. Pedicels may no more than 2mm.6.5

5-8-31 Hepatica nobilis. Cote I 74, Box 9, Box 125. F. E. Blinn
Middle path from Tomax eastward. Identi as near as poss
without 12. Tufted at spreading on ground. Red or up-

5-8-31 Arum luteum. Cote II 355, Box 148, Box 228 and
dots at tip of style.

5-8-31 Melissa officinalis. Cote II 6.21, Box 364, Box 652
Early fl. E. Blinn
5-9-31 Keranium pratense, Cote I 243, Dr. M. R. AT, 4974, 6-30, 8-26-49, F. Klein. (But consider too.) Keranium silvaticum. Fils 3-4 cm wide. A purple
much bluer than K. pyrenaicum, with conspicuous 
white centre. Pale pubescent on face below. Filaments 
broadened, flattened to 1 mm at base, pubescent 
or outside below. Portate with brown scales (B. H.)
Very common

5-9-31 Ictalium silvaticum Bell. Cote II 250, Dr. 141
B. H. 22. F. Klein. Stry very slender, another slightly 
expanded with sparse, irregular hairs. Internodes
5 cm much longer than 20. 1 cm in whole. 16-20, very 
narrow (4.5 mm wide), 10-15 mm long, with a leaflet
made up of glabrous, with slight, at least upper
pointing hairs at edge (but not def. ciliate), more
more beneath relatively broad, slightly sexual. 
Raceme open, lax. 15-23-34. F. Klein B. "filament elongate"

5-9-31 Pterostylis cantans-gallina. B. R. 331, B. H.
353, F. Klein. Note: B. H. 353-1, ericoid
oil. P. essentially one species. Scales 4-7.35 for species
apart as in Cote II 30. Acc to Cote this
may be P. Alectrostoilis Bell. Bracteae pale
yellowish-green with about 2.5 ft panseum,
sharply acute, lowest with about 3 mm long.
Calyx pub. with two about 3 long white hairs. Corolla 3+ cm long, tuba a little curved, the purple teeth 6 ovate lips 2 mm long oV. by the projecting style. Under lip with 4-6 dark dots at base of lobes. Note this to have peculiarly in veining in that a lateral nerve parallels the midnerve on each side with no obvious net veining between but strongly marked veins run from the outside of these lateral nerves to the sinusae.

5-9-31 Chenopodium Bonus-Henricus L. Cate III 184, Box 269, BH 388, 636, BM 8 3 1 8 5 0. Fl. bluish white to purplish lobes nearly ill. Cate 1 and when spread flat almost sinusae much straighter than ill. Cate. Variants e.g. jagged at top like ill (BH).

5-9-31 Polygala vulgaris L. Cate I 16 1, Box 14, BH 4 5 9. Fl. albin.

5-9-31 Juglans regia L. Cate III 85 4, Box 2 8 4, BM 8 3 1 8 5 0. Fl. albin. Cate. Fl. not found. 5-22-31 Fl. albin. Calyx 4 lobed. petals 6 and sepal. BM 8 3 1 8 5 0.
5-9-31 Avena pubescens var. Coit. III 575, BM 359, 8361
= A. minima DC. var. pubescens Coit. in various shapes, leaves
and stems overlapping. Spikelet mostly 1 cm. Blade short, spikelet about
2 cm. with upper leaves surface the same but not
whitish-margined (Coit. III 575). Alimex upper part slender,
very thin transparent. Spikelets silvery green, some
purplish.

5-10-31 Luzula silvatica Hand. Coit. III 451, BM 492
= L. maxima DC. var. pubescens Coit. in various shapes, leaves
and stems overlapping. Blade short, spikelet about
2 cm. with upper leaves surface the same but not
whitish-margined (Coit. III 575). Alimex upper part slender,
very thin transparent. Spikelets silvery green, some
purplish.

5-10-31 Cynoglossum hirsutum L. Coit. 411, BM 936
= O. vicina f. foliosa DC. var. pubescens BM 125, BM 491, 415. Alimex. Early fl. Stipules united to base, sparsely, with 2 distin-
ct fringed nerves which project in subulate
tips 3 mm long. St. striate 3 mm 1/2 pubescent
with long hairs. Peduncle similar to fl., hairless
appendage 1.5-2.5 fl. Stems grayish-green, entire, mucronate, appendage
beneath. Calyx pubescent. Standard 13 mm long
fl. 11 mm long, wings 5 mm long, red.

than calyx, which is 8 mm long. Note: not mentioned in manuals. Keel of 2 distinct petals, the inner one with lower edge forming narrow keel-like fold, the outer one with lower edge forming broad keel-like fold surrounding the inner petal. Hair pubescent.

5-70-31 Sambucus racemosa L. Cate II 230. Bon 137, 9761, BMPC P 774 15 X blinn vicinity. Young logus reddish cast to aburt.

5-16-31 1 Phytolacca americana L. Cate II 490. Bon 1975, B8H 284. Fl. Omaha at blinn. Fls white, slightly yellowish. Butt seems to agree with dec. Jell Cate v. Bon 1 P. Halle elli 57. Hollow, fly to summit (the upper is small 12 mm long). 1 scroll def. ring beneath. Stamen calicate at base. 5-13-34 P. americana 776 11 21 under no contrast in stamens. P. americana 8 P. Halle elli.
5-12-31 Potentilla aurea L. Cate II 25, Bonn. 99. Fl. But Sonbup Choonby, Pekaponeem Kentiana verna.

Serrul handles from root, each nearly completely wrapped in the brown stipules. Old low, some old petioles remaining. Leaf petiole at. The infalt handles similarly wrapped at base. No plant more than 3 in. high. Largest leaf 2 cm. Fl. medium. Beats almost a quite as long as sepals but narrower. Carpels greenish, styles rich yellow. Filaments, mostly yellow, a rather lighter yellow. Dec. Cate excellent. Petals yellow, er than lobes, with edges meeting at base. Calyx with sepals, with petals slightly longer than those, edges not sepaled at base.

5-12-31 Kentiana verna L. (See 5-7-31) Fl. Highway Argevax to Choonby at about alt of Sonbup.

5-12-31 Ranunculus nemoreus DC. Cate I 36. Bonn. 99. Fl. But Sonbup Choonby. Bl. with Kentiana verna. Plants 3 to 11 cm. high. Evidently perennial with thickish white roots and many more less erect fibrous brown fibres, in root with silky almost quite appressed pubescence. about 3 cm. across, like Ille Cate) & R. nemoreus or R. montane. Each stock has minute white dot at tip barely visible to naked eye. Peduncle grooved. Perianth hairy. Flores with back cured into the running of a spiral, glabrous, petal will be broken.
5-12-31 Orosus vermeu 1. (see 4-15-31). Plentiful
velvety (snow just melting) thrice with
short hairs at level where stamens attached
(OMPC & Box Coats) but filaments glabrous (Box says
"filament follicle") Anthers only slightly longer than
filament

5-12-31 Ranunculus aconitifolia 1. Cat. 1 29, Box 7 17
North of Chamby in wet meadow 18 inches. Sepals
purplish nearly deciduous. Petals white. St. at id.

5-12-31 Ranunculus auricomus 1. Cat. 1 29, Box 9

5-12-31 Vaccinium Mystillus 1. Cat. II 524, Box 209
BvH 289. Fl. Somers - Chamby. Bud reddish and
pointed at apex.

5-12-31 *Chrysopogon mertensianus* L. (Cat 1 18 31) Fl. Urgeaux.


Easily recognized by the open throat giving of the narrow tube of the calyx. Corolla pale blue (?). peris. the slightly darker shade at base not in def. spots. Sepals of interior perhaps more purplish than peris. Corolla lobes a little reflexed but hardly notched, have tendency to show slight reining at notches.


5-12-31 *Polygona* verticillataum All. Cat. I 352, Don 301 =? — Munch. *Bt* 11 74. Back Highway locateder lower part flat with vertical flecks, red and nearly angular, with 11 (perhaps more) traits similar to the but thinner, clasping at base. Peduncles with long linear white traits.
5-12-31 Polygonatum multiflorum All. Con 27 352
Bo 301  7 Data 194 74  Bld. Chamber. A quite
round except for very slight valvate indumentum from
tracing. The firm below tepals in groups 2
2 3  3  2  2  1  1. Petioles now enlong. The very short
filaments from will be hairy but stipe is glabrous.
See 5-18-31

5-12-31 Colocynthus autumnale L. Con 27 358  Bo 287
Bo 485  BMPC P161. Nono incertae S. Chambery 29
only found in isolated blackberry fronds near
and an old varnished bolt.
(a) Lw 2  3 x 1 1/2 in; capsule 1  1/2 in light, pointed
midrib remains of 3 stigmas. The 3 carpels adherent below
summit, exsudate
(b) Lw 4  11 x 2 1/2 in; capsules 3.
Partly empty bulb collected stigmas at base an ill
(Cote) Black, on placental long edges where the 3
carpels join now 5-12-31

5-13-31 Allium vavimum L. Con 27 339  Bo 298  BMPC
Bo 458 Bld Highway 1st Glen near Aranto. See 5-23-31

5-13-31 Abies alba Mill. BMPC P8  A conifera DC.
Con 27 339  Bo 379. Large trees.  No front for the Aranto.
5-12-31 Thymus serpyllum l. Cate #87, box 245 B-14 #361, A702, F.M.G.P. 672. All infl. Sonloups. Stalks arising, petals sometimes long villose. But consider T. Chamaedrys Fries since petals sometimes oblanceolate, have rather abruptly narrowed at base. Sinus not "薤戾荆" (coarse) and the mny slight pressure fast tends to be in 2 lines. Longest leaf 6 mm. Certain cord-like formation of lower infected with gnat.

5-12-31 Asplenium viride Nuds. Cate #675, box 383 B-14 #586, A382. Sp in various stages. Sonloups. Of l with A. Trechmannii l. Segments more fan-shaped, def. petiolate more much more distinct when held against light more def. crenate. Whole plant lighter (yellowish green. Note: tips of veins often show thick black yellowish upressure surface (20x)

5-13-31 Equisetum arvense l. Cate #712, box 385 B-14 #571, A52. Fert. & st. withering. Stalks are just appearing. Prof. near the Arante & Pulmonary. Sonloups. Sidollywood patent 54. Aug 24th

5-12-31 Seniata sagittata l. Box 70, Cate #300, B.M.G.P. 461 F1, x40. Not just appearing. Sonloups. (See 6-4-31)
5-12-31 Paris quadrifolia. Co. III 350, Ron 301, DN 479. Fl. Les Avants. Filaments not definiing at base. Flower numerous in each cell. (See 7-24-31)


5-12-31 Bellidiscum Mitchellii. Co. III 295. Ron 161. Fl. Highroad between Gilin v de Avants near the latter. 1½ to 1 ½ x 1 ½ cm petiolar to ½ in. No 3 -nerv. as from base, more abrupt at base than ill (Co.). 5-16-31 Gilin 90 to 8 x 2 cm, not always def 3 -nerv. if often narrow at base like ill. (Co.) Fl. 3 cm. 1 cm.
5-13-81 Prostanthera caryophyllacea Smith Ex. in F. Fl. Rock bet V-MV, Allen. St. 8 cm long, 4-5 mm diam., ovate to 10 mm diam. at base. Corolla yellowish, with light red core. St. yellow, pub. yellowish to reddish. Sepal 20 mm long, F1 8 cm. upright-spreading, not tightly packed but close enough to overlap 1/3-1/2 of prism together. Corolla 2.3 cm long, yellowish, tinged reddish at edges
with veins (not very strongly marked) reddish. 6-8
waved edges, glabrous except outside or jagged
edges. Pistil 10 cm, tubular, curved. Stamens
inserted within 2 mm of base, hairy at base (more
than "in face") but perhaps not "full") with a
few gland. St. bell-shaped. Apex of stigma narrow,
i.e. dull reddish not "poupre orange". The 3 lobes
glowng lip of corolla about equal. Petals about as
long as corolla or a little shorter. Calyx 10 mm (i.e.
about 1/3 of height of corolla) consisting 6 petals widely
separated behind but meeting at separate in
front. Each sepals with a short obtuse lobe in
front (hidden under bract) and a narrow
lanceolate lobe (which is all that above). F1 has
faint pleasant odor. Note this species may not be
larger normal as it seemed secondary growth.
Perhaps O. epiphyllum, DC. Ex. in F. Some character is not as in O. caryophyllacea
in 243. Query: Is this not O. dubia, sun
5-12-31 Valeriana tripetala L. Cote II 269, Bot 145. Red Road bet. Elia and Chautauqua. L. will Cote. The very narrow leaves are on an outer edge. St. smooth vertical, the only presence being on creeping particles and lower part edges of.


5-12-31 Alnus viridis Chaix. Cote IV 276 A. — DC. Bot 289. Top of cathrine and Sf. B. at Aguaux at turn broad.
5-14-31 Melittia Melissophyllum L. Cootett 137, Rom 255
Bsh. 366 Fl. Allion. Oranges varying Cattle almost pure white with very faint purple.混淆Flo. I-3 in axil of leaf, the petals sometimes malacing a distinct cross X. 100+ subtendate rounded. (Leaf, flo, frang in various shades of pink) 5-13-31 Not white globules on anthers.

5-14-31 Sannicula europaea L. Cootett 154, Rom 136, Bsh. 185
Early Fl. Allion. Many flo in the heads seems finely.

5-14-31 Populus tremula L. Cootett 272, Rom 284, Bsh. 429, Rom P 225. 10 Fl. Allion. Flores ten broader than long i.e. 2.5 x 3 cm and flattened at point to at axis.

5-14-31 Empetrum duleis L. Cootett 235, Rom 277, Bsh 406 Fl. Allion. Root yellowish exactly es illuc. (Cat.) Scales at base latex. St 5 (more). 38 cm. Umbel 5-rayed with 5 or more (in one case 8) fl. branches (shar- der) below. With plant both glabrous but some lower 3/4 of pubescent beneath. Flo. strong (or slightly broken toward apex) to 6.5 x 2 cm, abruptly contracted into 6 pet. of 1-2 mm. dark green mid rib def. lights. Glades orbicular, a little jagged on edges, upper surface a bit flecksly with marlar (20x).
Glands yellowish-green except the central disc ones which are def. red (in these red glands the white alimor under side readily separates from the flabby upper part). Tubercels vary in shape & size but none cylindrical to 1+mm.

5-14-31 Ramunculus microcarpus DC. (see 5-12-31) Fl. bluish. Thick rootstock horizontal with flaky white rootlet & filamentous fibrous remains of old sty. Plants like 5-12-31) except 30 cm high (evidently more normal height), and foliage varied. Leaf larger (60 cm longer) and the sinuses get the concave sides wider. Fls 8 cm diam., petals always 5. Carpels was (5-12-31) rather strongly corded. Note at 1/2 fratern in almost naked and def. ground entire lengths.

5-15-31 Poinciera trifoliata Ref. B.M.J.C. P.448 Fl. Culted Vat Mont farm. Bush high green v. glabrous Petol 4½ in long x 3½ in wide, conical, narrowed & throat to almost to Albert claw 1½ - 2 in diameter. Stamens 25 clearly profuse of, 8-celled, ovaries many in each cell. Sepals spherical glistening on abt thick style. Thorns (1½ in) ranging 3 inches & fr. (can be seen in young for just appearing)
5-15-31 Acer caespitosum var. pubescens, Fl. Eton, 266, B. M. C. P. 4545. 1 cm. Not pubescent...
5-15-31 Acacia angustifolia, Fl. Eton, 266, B. M. C. P. 366, 1 cm. Not pubescent. 1 cm. Not pubescent...
5-15-31 Primula elatior, Fl. Eton, 266, B. M. C. P. 366, 1 cm. Not pubescent. 1 cm. Not pubescent...
5-15-31 Tragopogon pratensis, Fl. Eton, 266, B. M. C. P. 366, 1 cm. Not pubescent. 1 cm. Not pubescent...
5-15-31 Acer campestre, Fl. Eton, 266, B. M. C. P. 467, 1 cm. Not pubescent. 1 cm. Not pubescent...
Peduncles axillary as well as pedicel at base. Disk yellow conspicuous, fleshy with filaments seated in depressions. Petals white. Leaves softly pubescent and tomentose hairs in axils beneath.


5-16-31 Plantago media 1. Coat 2 147. Box 357. BvH 379 477 Fk. E. 1. Shiny from broad to relatively narrow. Peduncles axillary in leafy, hence from underneath. Stipes pubescent white. Length (Black. green. trifid. pinkish. all open. "Game". carrots. 1. 6) slender (Coat) than the 4 distinct, fertile sepals with broad white margins. 1 fertile. in each cell, unites white.
5-16-31 Belladentrum Michelli: Case (see 5-12-31) Fl. Sion. Both east & Val-Mont. G.F. with belows.

5-16-31 Bellis perennis L. (see ) Fl. Common & Albion. All 3 spec. All had recurved short spreading sts. from base (½-1 in long). These sts. bearing broadly palmate (few) which ascend the long pediciles. This greatly suggests B. annua., (recorded only from Mediterranean region) but seems unquestionably perennial, originating from thickish underground runnne 8 1-½ in. Plant has strictly basal brs. beside

5-18-31 Antirrhinum silvestris H.B. Fl. Cast. 4-17, F. = Chaerophyllum silvaticum. Box 136, Fl. H. 206. Common, began fl. by 4-19. It practically glazes this amountt somewhat & touch below, redder that base. Fl. long, 6.5 long, petals broad, entire a magnificat but not with inflexed tip. All Fl. grow in habitat list on which the earlier overspell are on short (½-1 in) pediciles, the latter pediciles being 4-6 in, fl. with a smaller secondary stamn (or clude pedicile) branching off near the top. Fl. beardless but beardless by a rolled enlargement at tip about 9 mm high, as ill Cat. See 5VR1 4381 for refs. with without ring of hairs at base etc.
5-18-31 *Salvia pratensis* L. Cote III 101, BM 350, B.V.H. 357
B.M./C.P. 639 Fl. Allan. But note that in following char.
this corresponds with *S. nemorosa* C. & G. var. "F.M. W. Clain" B.M./C.P. 639 (Not mentioned in Cote, BM or
B.V.H.) Fld low ovate, acuminate, phyllary than calyx --
calyx purpureo, hairy, resinous-dotted, 2-lipped, the
upper lip cleft, shortly 3-cleft, 3-toothed, the
lower with 2 long, acute, 2-tipped teeth, Corolla
1/2 in long, the tube little exsert, the limb freely
resinous-dotted. Note also: raceme often
with 2 iop. lateral branches (B.V.H.) and
bus. with no blood-red spots (B.M./C.P.). Surely does
*S. pratensis* L. (Cote, BM & V.H.) include
*S. nemorosa* C. & G. (B.M./C.P.)! Receptacle
(at S.) relatively large & including (1 mm + high)
(1 cm.) flowers fully 2 in long see B.V. 567 to
large nectarill fls. 5/13 3455-11 in corolla, hood
no fal lmm. otherwise well developed anthers.

5-11-31 *Crepitex taraxacifolia* Thurl. Cote III 442, B.V.H. 375
= *Barkhania* — Moench = 18. — De. BM 188, Fls. minus
for, Allen common 2-25-15 and 1-14-16 in amig. olive-
green and receptacle oblongulate with short fring.
bars around each depression, surf. back bloom.
Note: Note the swelling in axil of many fls.
which makes them spreading. Swaled 1-16-
31.
5-18-31 Staphelea pinifolata. Corv. I 372, Rock 5, 303.1.1
Shrub, in ground of Temple, Alpine 1 vs. ep. Compound, deciduous. Stipules deciduous, widest at base, 2-4 x 4 mm, entire, with a short minute teeth. Leaf petiole 6-8 mm, bright green and glabrous except for minute hairs on each side of mid-rib at base of each leaflets. Leaf 5, the upper lateral ones pair, each with one delicate, subulate stipule-like appendage 5 mm long at base. Terminal leafy petiole 1/2 in. with 2 similar appendages, 1 about 1 mm. Leafy petiole, about 3 1/2 x 1 1/4 in., shortly acuminate, rounded at base, finely dentate, each tooth with white tip (20x) which is the end of an inconspicuous vein (one of those which form network around edge). Rachis grooved above, exs. towards tips. Dust, terminal on new growth, tetra- spheric. Pendant, in glabrous bright green peduncle, a compound cyme, much less bracts similar to stipules. Dotted with 2 spp. branches and a central stalk (1 in. in. 1 in), each with clusters of f16-18 in cluster). Pedicels slender, about 1 cm long, articulate near the base. Flowers high. Sepals all petal erect, pinkish, about 1 in. high. Petals erect. Disk conspicuous. Octav. 2a. 3 with style connate only at tip. Umbel usually 4 in each only. (See 7-14-31)
5-15-31
Shrub ft. Val. Mt. Cult. Hoff has all the looks of Clemex and would be thought to be Pterocarya macrocarpa L. AM
CP 872 - Clemex - in contact & except that he has not the brown glandlike dealt by Coats (this they have a strong peach-pit odor if crushed when young) and the very short calyx teeth are not 4-toothed as deal
(D.M. CP) Calyx which is is like a abruptly turned up
round into a sort of short beak, thickened at the point where turned upward 1-2 x 3 in. petals less than
1/2 in. teeth very low, distant in a spreading slightly
revolute. Stipules as long as lower calyx. Petals about 5mm
long. Fl. with spreading at anemone 1/2 in wide, oblong.
Unusual.

5-18-31 Lithospermum purpureum - caerulum L.
Cult. 589, 15 cm 222, 19 x 3.22 FL. Cult. Val. Mt. Almost
surely this (Definitely this if in Coats) But lower bracts (2-2 cm)
are very little shorter than upper. 1/2 1/2 several lower
bract (at least) are longer than flat. Coats says not. 1D
30# says yes (see 6-9-31) [Cult = found in flower bed at
V-M but flowers exactly the same. Found later wild]

5-18-31 Berberis
FL. Cult. Val. Mt. Shrub about 3 ft. with slender, stiff
ing branches, dark reddish brown, minutely
5-18-31

Minute, somewhat not pubescent. Very young green bracts broad, just beginning about 1 in. long, pubescent. Leaves overall seem evergreen, collars, spine tipped, edges ciliate, strongly involute, white-glansed beneath. Spines 3-parted, 2-3 mm. All this suggests 13. Stenophyllo Act. BMCP 385 but in different. Fl. rich dark (not quite orange) yellow 1 x in diameter, solitary on slender peduncle 1 in. long. Peduncle issue from bed of many scale leaves (presumably these scale are really bracts at very base of peduncle) and sometimes or more bracts on peduncle. 5-13-34 Family about. Fl. 1 to several in very short umbel-like raceme. Pedicels bractless.

5-17-31

Cara gana arboreocarnosa. BMCP 411 Fl. Val Mont farm. Cult. (Note underlining in BMCP refer to shrub at H. H.) Standard is called backwood at sides but claw short and all claws hidden by calyx (about 7 mm. long). Pedicels articulated near top of the petal articulation marked with ring of hairs (20x) and a minute spine-like bract. Also this petal pedicle if it bears 2 similar bracts. 2 ft to 3 ft.

5-18-31

Uncreenol aralia L. Cori 143, Arb. 5 Fl. for sale at St. Louis and one picked up in North Tower. Lower Fl. with many atamene, seems lacking
in 8 parts. Surrounded by 3 sessile 3-partite, much divided or the outer parts long. Some have broad (5-8 mm) ov. wings. St. 4 in the silky white, long, white, spreading hairs. Sepals 6, white, silky on back. (See 5-29-31)

5-18-31: *Doronicium Pandalianche* L. BvH 2572 D. - Wild But 162 = D. Cordatum Lam. BvH 297 Fl. Cult. Tourneau garden. (See 5-7-31 which prob. was same spec. as basal leaf but that base of leaf is pale above abruptly expanded and at base exactly as in wild BvH. St. to 2½ ft. bearing 2 res- sire. Corollas clamping on ovary (2½ the petals!) and a similar smaller leaf on each of 2 branches. It now bears a solitary fl. head on each of 2 branches (and 1½ ft. main at which first bore a fl. head but now is). Would be difficult to identify without all BvH. Evidently not in B.M.K.P.

5-18-31 Polygonatum multiflorum Ell. (See 5-12-31) Fl. Clump (Valmont woods path to Temple). 60 from base upwards in groups. 0-2-3-3-2-2. 1. BvH 15 mm. long tube 3 mm wide, limb 10-12 mm wide. 3 petals + lobes narrower than the others. all def. green inside with white margins, pubescent at tips, spreading. Stamen
5-18-31

Stamens (on short free part on ridges below) hairy, style glabrous (but wavy hairy). Filaments funny the same as Potophyllum peltatum. (Am. St. J.) Their edges def. flattened to oval below but not angular.

5-18-31 Bromus stellifer L. Coxe 645, Brom. 368

Bott 557, G. 164 Fl. Klein (see 4-18-30, see very likethis) St. stem upper localized to quite glabrous. Branches half-twisted w/mult. enlarged glabrous pad in axil (as 4-18-30), to 2 3/4 in. usually but sometimes branchless bearing 2 pubescent. Styles nos. inaxil. about 2 3/4 in. Styles inserted about the middle of pubescent ovary. Lemma base nerves each side of mid. nerve distinct they midnerve + the 2 nerves near edgem each side (as 4-18-30) Lemma bidenticate with teeth ambulacate. Palea def. but distant to ciliate. [6-4-30 Fr. Vaechaphyllum V-60/ monst. under Rp. Ambulacate with purple.] 5-18-31 Bromus erectus Huds. Coxe 645, Brom. 367

Bott 550, G. 164 Fl. Klein. Idea very uncertain but surely B. and no other seems likely. Rp. perennial with many young shoots coming up beside fl. cuim, all white or

white, mossy looking (below ground) Some a less entangled in remaining 9th level on these shoots folded (2mm wide when spread out), hairy on back & crease.
as to have def. chat. look. This growth less than 12 in.
High Cel. to 2 ft. in low 4 mm wide. Upper sheath 1
bro. hairy. Depress. quite glabrous. T. pedicels 1½ in.
less, reddish, very slender but (1½) erect. Spikes to
5 cm on stalk. Lemmas with mid. near long, the next
pair may well, the next pair along the outside pair may
well. Lemma searces on the fleshy nerves but
not with "closely appressed hairs on back" (BvH) or "every
searces punctate on back." (L) Lemmas taper to
my narrow point with tips emerging from so
near the tip that it has no chance to be 2-dentata.
Palea nearly as long as lemma, searces on edges
but not ciliata. Lower glume 1-nerved, upper glume
3-nerved. Ligule short (less than 1 mm.). crowded
sometimes denticulate. [See 7-28-34]

5-18-31 Trifolium montanum L. CoTa I 347, Box 30-58
Petioles not quite Crispus, close, make upper part almost
leaky. Flowers with very small tracts of base. Pedicels of
such very plant. Calyx whitish, with teeth green, never
very light green. Up to 35 x 15 mm. (See 5-23-31)

5-18-31 Arrhenatherum elatius. Mtz & Sch. CoTa III
599. BvH 542, 1 141, BMCP 114 = Arrhen. elatius L. Box
359 Fl. 12im. 0.7 has underwat. gone
with no style.

5-18-31
5-18-31 Valerianella Carinata Loix (see 4-17-31) Fr. Alon (Touaux)

5-18-31 Veronica prostrata Fris. Cote III 36, B
t14 349 = V. didyma Ten Br. 237. Racemes 3.44 Fr. Alon (Touaux). Calyx 3-
erved (seen plainly from inside), pubescent on all one side but not def. ciliate. Style 1.5 mm,
longer than stigma. Cells usually 7-8-nerved.

5-18-31 Rumex acetosella. (see 5-7-31) Fr. Alon. Valva
somewhat cuneate, pubescent at middle. Pedicels red, articulated slightly below the middle.

5-18-31 Orostachys
Fl. Near (5-12-31) and to general appearance, the same.
Stick 11 in. high, 6 mm. diam, so swollen to 10 x 13 mm.
Fl. 8-11. Calyx 1-1.5 mm.
and differing from (5-12-31) in that each of the 2
sepals is divided about halfway to base into
20 equal lancesolate, acuminate teeth. All in all,
considering: sepals about 2 calyces, stamens distinctly hairy at base. 5 calyces, with lower 3
lips equal, this and (5-12-31) are part
C. calyphyllacea Smith Cote III 64, B
t14 332
O. satiai. Vanch. Bon 343. Carnation order def. But note that stigma is red-brown rather than black-purple (see Cat.)


5-21-31 Nolens Canatua L. Cote III 600, Rom 360, B & H 542, B 137 = Nolensu — Nash L.M.J.G.P. 115 Fl. Klein. Ident. sure. see. Cote as a x x is Raphelet glabrum except from my new hairs on the lower leaf. But note that upper leaf apical is 0.5 mm long (L. say. 4 mm) counting from 2nd leaf which projects 1 mm. No sign nor plumose ciliates at all. (4)

5-21-31 Asteriunum Robertianum L. Cote 245, Rom 57 B & H 95, F 533 = Fl. Klein.

5-21-31 Kranthia arvensis Koch Cote II. 275 = 4 — Cote Rom 143, 4764 = Reciicea = L. B & H 230 Fl. Klein. The long hairs make this flower-based and many cap. on lower part of the base black, Drew. hairs very great in age. Dims of calyx 2-11.

5-21-31 Aquilegia vulgaris L. Cote I 54, Rom 10, B & H 13, 440, B & H 2381 Fl. Klein. Stamens somewhat exerted (B & H say. not) sterile filament divided.
their rufly, erect, velvety-applied to follicles.

5-31-31 *Crataegus monogyna* Jacq. [Cote 266, Box 102
B.M.: 376, B.H. 153 (see 4-4-62)] E. Blinn. Calyx lobes
strongly reflexed, outer ones pink-brown. Lobes of
entire but capitate tip. Stipules sickle-shaped to 8 x 3 mm,
quite entire, narrow, acuminate, concave edge, semi-
tomentose texture at base. Young shoots glabrous below, almost so.
Note pockets on inner median sepal beneath.

5-31-31 *Trifolium minus* Rehb Cote I 341 = T. pro-
cumbens G.B. 78B = T. minus Rehb Box 77 and 78B=
T. dubium Nutt. 4570, B.H. 119 (=T. minus subsp.) E. Blinn
along R.R. Plant 6 in high, stilly erect but 6 stems
with peduncles filiform. Fls. pale violet standard legs
ridded down back, about 3.5 mm long. An average
looking head contains 20 fls.

5-31-31 *Ramunculus repens* L. Cote #31, Box 9, B.H. 10,
A 397 E. Blinn

5-21-31 *Euphorbia amygdaloides* L. (see 4-75-31) E. Blinn
"Coque sallowies" [Cote] refers to my shallow yellow
floor on dark gravel. Seeds brown 3 x 2.5 mm
with caruncle large (around 1 mm) set obliquely.
5-22-31 Actaea spirata L., Cote 755, Box 11, Bt 4, 15 F.C.

Slion. General appearance very similar, sp. Note in sp. col. a peduncle 2 1/2 in rises opposite 3 lobes, leaves small 3-foliate, if opposite which is a short raceme (1 1/2 in overall) forming a right angle with peduncle. Bet. If a raceme a continuation of original peduncle 1/4 in bears another raceme in and which at its base subtended by a tiny simple leaf deeply cut if, bears another tiny raceme, but another leaf.

Another leaf in raceme is ap. bearing in axil bet. If's main peduncle, and still another formed down in axil bet. main at a lower If. See ill BVH for similar idea but not that for all 4 If's. Cote much better than BVH. See also ill. Bon.

5-22-31 Sorbus scandica Fr. Cote II 73 = Aria —

dene, Box 103, Fl. sliver moderate edge mid just mid of M. 7 flowers exactly as in Cote. Suff very firm, with slight greenish cast. With effect very handsome.

5-22-31 Juglans regia L. (See 5-29-31) T. fl. thin
5-22-31 Viburnum lantana L. (see 5-3-31) Fl. Helmet Red berries ½ in. shiny, elongated, some pendant.

5-23-31 Ranunculus Canadensis L. Cat. 149, P. 9 Fl. young fr. Slime past to Chillum. Entirely distinct Cat. except calamus not furrowed. Tender & fresh as ill. old with following leaf as Pratt's touch (pale. both sides), the divisions less scarious at base v. less deeply lobed a cut. (see 9-22-31)

5-23-31 Ranunculus nemorum DC. (see 5-12-31) Fl. Slime past to Chillum. To 50 cm. high. Lv. stam. deeply blotched white.

5-23-31 Allium minimum L. (see 5-12-31) Fl. Very frequent in woods at Val-Morin and Chambland. St. to 12 in. more richly white, with 2 ft. flare v. acute angle, the latter sharply edging the longest side thus △. St. smooth but pedicels papillae roughened v. 20X. Stemsus shorter than perianth. !!Others white.

5-23-31 Neothia Nidus-avis Rich.  Cost. viii. No. 809, Box 394

5-23-31 Erebia maculata L.  Cost. viii. 404, Box 311, RVH
460 Fk. Allen. Frequent at Chambanauf. Stalk. care
but note: bracts (lower ones a little longer than upper
not as long as upper one almost as long as ovary)
are obviously nerves (lower 3-nerved?) not at
all "en rilje" (Cost). No. 2. Spur form more as long
as ovary.  (No ray about same length) Stalk entire
not def. Leaves have open places in center, and has
smallest lanceolate spreading leaf-like bracts
quite or almost to top. 2 or frequently marked with 10
horizontal Halses.  Fl's in varying shades of pale blue.

1-Allen green.  (See 3-29-31)

5-23-31 Cephalanthera pallida Rich.  Cost. viii. 412, =
C. grandiflora Bawden.  Box 309 = C. latifolia) and also
RVH 455 Fk. (almost green) Allen path to Chilton.  Piller
white.

5-23-31 Cuniantha montana L.  Cost. viii. 879, Box 190
BmC (19) 11. Early Allen path to Chilton.  All in camp. document,
1 spee (92 col.) has buds for 3 heads.


5-24-31 Tamarix Communis L. Cont. #357. Ron. 383. B. H. 471 o Fru. akin path to Verfeux. St. somewhat xeric. Pollen pelted, ridged, in line with main plug. Petiolar glands referred to Cont. must be the 2 thick cylindrical 2mm or more long at petiolar base. Appendages very far. Rudimentary style 3 parted at top.

5-24-31 Silene mutans L. Coet I 176. Bar. 48, BUX 65, # 385. Fl. alba in wall at Mont. Fleurie and Val-Mont farm. Calyx 16-nerved, gland-punctulate to touch (so is inner petal). 11 mm high, 7 of which 8.2 mm tabulate, everted in middle (3-4 mm). Some 8 breasted, that is, other than these white margins (do not seem strictly alternate). Claws exerted 2-3 mm. Fl. 2 cm wide (in loc.). Pedicel about 1 cm, base in wide spreading V. Styles projecting 11 mm. Stamens reaching about to throat. Petals white with stamens not developed. 1st white with claws v. underside 2 petals v. white (BUX) vase.

5-24-31 Silene mutans var. L. Coet I 349. Bar. 57, BUX 91. Fl. white, transparent, irregularly fluted.

5-24-31 Silene mutans L. Coet I 249. Bar. 57, BUX 91. Fl. young fr. bluish. Petals yellow, area of watercolor junction with side from Calix. 34 in high. St. pubescent with long gland white spreading hairs, increasingly toward top with almost smooth glandular presence. In all it is only 1-3 cm node off peduncle) differing in this form. Silene mutans var. has upper leaf of each subtending a branch and is 3-4 peduncle of flowering branch in between. Styles more often than Silene mutans var. gland-punctate black tipped, filaments as broad as those (1 mm) as if Silene mutans and hairs much longer. Calyx 1. Silene mutans very large. Petals slightly crenate. Fl. 2 cm diam., flat like potato. Fl. [6-8-34. Note all small flowers late in doubtless var. Candida. 2 SVN 1424. May 14, 1934 says she has one in garden with flat and not black.]

5-24-31 Silene mutans L. Coet I 147. Bar. 49, BUX 65, # 385. Fl. alba in wall at Mont. Fleurie and Val-Mont farm. Calyx 16-nerved, gland-punctulate to touch (so is inner petal). 12 mm high, 7 of which 2.3 mm tabulate, everted in middle (3-4 mm). Some 8 breasted, that is, other than these white margins (do not seem strictly alternate). Claws exerted 2-3 mm. Fl. 2 cm wide (in loc.). Pedicel about 1 cm, base in wide spreading V. Styles projecting 11 mm. Stamens reaching about to throat. Petals white with stamens not developed. 1st white with claws v. underside 2 petals v. white (BUX) vase.
5-24-31 Viola cornuta L. Crato I, 10%. Bun 37. AM 27570s
Fl. Cult Garden Val-Morin (from dining room). Fl long.
Solid purple, appendices repando 4mm (o=2mm). Slender spur 12mm; stilo recurved. Leaves not coriaceus, almost oblongicoriate

5-24-31? Crataegus
Plant (perhaps 1ft) in fl. with very loose 3 leaves only, growing with R. Collected. Fl. shoot: monogyne
(5-21-31) C. oxyanthoides (5-28-31) H. Daisy but "weak leaf" Brand V. Very near what it crossed log shoot. Young growth pub. with scavenging hairs. 3 to thin...
thin deeply lobed into 5 or usually 7 lobes, the sinus above the lower pair being wider cut and its midrib. All lobes entire on sides & dentate at tips, the terminal one somewhat 3-lobed at tip & the basal pair somewhat 2-lobed at tips. Stipules semi-sajitate, sickle shaped 8 x 3 mm, dentate all around, same texture as lf. If pubescent both sides, blade current as that petiole slighly winged? Thorns simple, sharp 6 mm long and (as 5-24-31) when young with rudimentary scales.

5-26-31

Shrub no flores fr. Cult at house midwest of limb where path to house up Chandelier tube. 1½ x 2½ in. internodes lightly dentoid-subdentilate, fairly well defined. Deeply cut into 3 lobes, the middle being the 2 lateral broader vaginobid toward base. Each of the 3 main back internodes later branch into 3 nerves each, which terminates in one of the 3 main stipe lobes outside at tip of 3 lobes. Very young covered with yellowish waxy granules. Loosely, dull, almost glabrous except on short ciliate edges.

5-26-31 Erucasentinea hispangulum Reich Ct. Ch. Fl, Bon 22. Fl & young fr. Reich 726198. 29-
mill. St to 2 ft high. Exactly as L. virgata except except 3 sepals (in bud) are very slightly recurved at base. Stalk (in s.) looks cylindrical and occasionally the leaves have been priming inflorescences. 2. Leaf petiole 3-8 mm. (but only 4 mm in s.) on peduncle 8-15 mm. Flo. br. 11-12 mm long x 15 mm across. Love smell very fragrant when in water.

5-26-31 Listera ovata. R. B. Coste II 410, Bon. 309, BVT 455. Fl. bl. lime. Prefers cool wet X. 0 infl. glandular. rarely common later.

5-28-31 Kalanchoe Mullugo. L. Coste II 248, Bon. 124, BVT 241, 3749. B. M. GC P 710. Fl. bl. common. St to 3 ft., nodding in early growth before anthesis. Leaf with very fine inferior pointing rosette inner. 6 florets. Less petals ending in fine point. Flo. have greenish odor.

5-28-31 Cardamine impatiens. L. Coste I 106, Bon. 29, BVT 83. Fl. bl. lime St. angled. 4 ft. longer. blooming 1-12 in. Petals none.

5-29-81 Dendaria digitata. Lamb. Cote 1.107. 8 mm. 3F. Fl. Caneaux. Caneaux. Occasional with D. pinnata (shrew) & D. pinnata pole alumin. green beneath but not for-
coras in D. pinnata.

Cote 579, 8 mm. 2F.

5-29-81 Cerinthe glabra Miller SUT 578 = C. alpina Kit. Fl. Caneaux. Caneaux. 8 mm. 2F. Caneaux evidently includes this in C. alpina but = C. major 2. since some calyx lobes are very finely toothed (20X) but it agrees exactly with Cote 579. C. longiflora Vic = C. hemsleyana Bot. which Cote considers a variety of C. alpina Kit. In entire, notched with lighter color ver. lobes alone with whitish tubercle just visible to eye, making it slightly rough to touch and (20X) on older his looking like a plastic. Corolla 12 mm. long. Filaments 1.5 mm. 6.6 mm. Corolla teeth short triangular, reflexed. Corolla yellow (more greenish at tip) with reddish band mid. at mid. 2 of sepals rather larger than the other 3. (see 7-22-81)

5-29-81 Veronica ortieaefolia jacq. Cote 384. Fl. 3F. 3F. Fl. Caneaux. Caneaux. 3F. Stems low finely but very dense. pubescent. Peduncles, pedicels, calyx 
v. calyx finely gland pubescent. Corolla still more 
finely pub. (sometimes gland pub.) at base. Calyx 
2.6 mm. somewhat unequal. Pedicel at anthesis
about equal to the narrower linear leaf. Cordella white
tinged purple with very blue. Flowers pubescent.

5-29-31 Saxifraga rotundifolia L. Cote II 131 Ben
115 Fl. Sonoma - Caux. Very tall will Cote except he less
pointed at apex Plant 45 cm high. Plant bears many
long petioled leaves, mostly to one side, ovate
flattened corn. in leaf rosette and from among these an
about 5 more slender valentia. Plants Pitt. Act. net
hollows must rebind membranes, their fruit visible
(2x) and styles 4 to 5 are curved as to face each
other. S. in Cote or Ben seems possible. And the
Ben does not give this for Switzerland. See Selsel v. Keller
143 S. rotundifolia L var. glandulosa brief. S leaf
hairy, pub glandular. 10 blooming the somewhat as
valentia, petals 8-9 mm long, the blade narrowly from
Cote at base with claw 7 mm long, retentive as will.
Found frequently better, longer pub glandular and elsewhere.

5-29-31 Polyanella alpina L. Cote II 533, Ben 309 Fl. Roches
de Naye. Line dotted with side 2 ox (Note S. parvula. Barne
SvK 270 not quite Cote or Ben.) Corolla 12-10 mm long. Viet
to middle or below.

5-29-31 Viola biflora L. Cote II 86, Ben 37 2 Pitt. Roches de
5-29-31 Helianthemum montanum Vis. Cat. [149]
Early fl. shrub. Rochester De Naye. If in Cat. is H. montanum = H. t. (vis. Cat. [149]), if in Box is H. calendicium DC. 36. But name found in B. V. K. and this is pros H. alpestre DC. 349 in one gets forms. St. weak at base, long persistent, reddish v. blooming. Has only no stipules. Lo ov. ov. elliptic to 13 x 7 mm. But many shorter ones, edges somewhat revolute. Entire, roundish, thin at apex v. tapering into petiole (1-7 mm. long). Sur. Mostly glabrous. Valv. Alvalum blooming. But on both sides and edges are tufted longer white hairs. (v. central hairs sprouting from same point) Inf. short. 2+ Caly. Shorter white.
very small. Petals yellow. Stamens small fertile, anthers with brownish red stigma almost fringed, styles enlarged at top, no ring "contornee in cerele a la base" (v. Cotta). Many pedicellate. (See 6 12 20 30 31)

5-29-31 Viola calcarata L. Cotta T159, Box 37, Fl. Rockers de Naye. Lvs very small, mostly about 10-12 mm varying for
ratel; narrowly oblong with teeth, sometimes orbiculate. Stipules linear to lanceolate, the stigmas glabrous but somewhat
simple. Calyx lobes finely dentilulate on searins
edge variable often: 5-teeth to teeth. Teeth. Petals
violet with few darker rays at center. Flowers
petals. Lower petals usually much bearded,
lower petals yellow at base. Vitta clearly thickly
pink with fine hairs in trough. (12 10 28)

5-29-31 Daphne mezereum L. Cotta T214, Box 375 13 V 14 01
S 576 80 N 532 5. Fl. Rockers de Naye first below list on path
to Somloaux.

5-29-31 Ranunculus montanus Willd. Cotta T 38, Box 9
Fl. Rockers de Naye. St. about 3 in high. Vegetable Cott. hairs
on receptacle dense few.
5-29-31 Convallaria majalis. BM 169, B, 298. BM 14775- C. majalis. Cont. 351, B, 302. Fl. Collected by proprie-
ria hotel Sonchau at fort 8 Rodiers de Naye.

578 Fl. Rodiers de Naye. Only 1 spec. found, Seafar im. shorter
than 1.5.

5-29-31 Primula elation farg. (See 5-13-31) Fl Rodiers
de Naye.

5-29-31 Ramunculus acorifolius l. (See 5-13-31) Fl
Rodiers de Naye atop hotel. St. 6-9 in. Rootless junior
Cont. this Crucifer (2 x 5) flowering without delopy
almost straight (not at all like all Cont. but rather
like ill) Relatively large Cont. 1.5. (See Cont. 5-29-31)
(4) Fl. frequent on path then wood to Sonchau. Nectar just
a slight but definite.

de Naye. Flower & leaf few, the truncate tube sometimes
with narrow blade-like appendage. Plants stigmas
vastly red, while corolla is much lighter.
[8-6-34 Fl. jamen. Pappus white]

Fl. Rodiers de Naye near hotel southerncine. Flemally 2
filiform tubular with 3-4 toothed apex, and a few 1 tub-
ular (not filiform) flowers 5 lobed apex. Young 1
2 in long, slim, downy char. plainly not Petas.
glabrous at tips contrasting with white tomentum on back side. I20 (4-3) with dense tomentum above.

5-29-31 *Potentilla saliciflora* Ham. Cost $86. P. alpetris Wald. Bum 97 = P. Anevii Rock 8817/38 E. Rock de Naye summit. Butt buds narrower while more calyx lobes. Petals separated to base as in *P. vernia* (4-25-31) (0-5-28-33) with w/d.ch. Plant greener than *P. vernia*. All not as tapered to base. Note bracts are spreading horizontally as sepals close over young fr.

5-29-31 Lathyrus lutetiae Petreum. Cost 887. Bum 87 454 Path from P. de Naye to Sonneaux on Alps above woods. At 1000 ft elevation. St. to 8 leaves with the same. Calyx with 3 outer teeth (10-16 mm long in h.t.) lanceolate, very acute, pubescent inside & def. constricted at base (where joint to leaf), very apparent in bud and differing from the other in leaf teeth. Style is straight, turned up only at the calyx lobing end. Style flattened front-to-back, broad (1.6 mm), clusdy glabrous, flowers numerous.

5-29-31 Potentilla aurea L. (See 5-12-31) Fl. Rochese de Nage - Sonelaux.

5-29-31 Anemone alpina L. (See 5-18-31) Fl. Rochese de Nage.
Nage summit and domes lower Sonelaux. Fl. complete with pinkish stamens, all other authors bear- ing (Rom) Sepals setate with outside hinged bluish. Rostrals thick bluish frost brown with encrapping seta.

5-29-31 Linum catharticum L. Cote 1230, Ron 54, Bv 87 45 32. Fl. Sonelaux. Lower less and setate base, 5 oral 5mm long, others widely separated elongated to 1mm lower br. only adnate on edges, lower part get roughened. As far as visit to surroundings fl. Jala repta incomplete vel. seta.

5-29-31 Ajuga reptans L. (See 4-13-31) Fl. Sonelaux
Corolla pure white.

5-29-31 Hieracium Auricula L. Cote 1 439, Ron 192. Fl. Son- cheaux - Caux. Fl. lemon yellow. 10-11 mm overall. A few small narrow leaves just under head. Top 9 scales 'papilus catenae' (Rom) the finer down being minutely starchy.

5-28-31 Trollius europaeus L. (See 5-12-31) 1 2 3.
Above Zoneaux. Flowers unique Carpel base 3-3 Raf.
Fle wings on outside edges.

5-29-31 Tozzia alpina L. COte 1 60, Bon 1 41 FL. Zoneaux - Caux Root not collected. FLs about 1 cm overall
Dactyls distant. Pedicels seem more than one.

5-29-31 Arenaria frinacea L. Cote 1 268, Bon 50, Bnt 1 72. FL young FL Zoneaux - Caux (See 5-16-30) Seed with a little white appendage at hilum. (Bnt 1). Flowers can usually be discerned in repals the Bnt says 1-record
in Ciliation of lower calyx atore petals. Local repsals
more in lower leaf. Juncate (20x). Pedals only lasting
as repals.

5-29-31 Lonicera alpigena L. Cote 1 235, Bon 1 38. FL
Petals pink or Hange to Zoneaux in woods. Seen only
identifiable but all green points at pedicels. Low pedi-
cel, bracts, edges of calyx thick gland pubescent.
(Chart 7 not mentioned Lote 1 for any L.) Upper pair
of pedicels as well as all other Pedicels have also long
straight white spreading hairs. All wood light grey
not thicker than 1 x xylemum. Pedicels 2-3.5
cm. FL 15 mm overall, corolla about 12 mm long. Cal-
olla almost glabrous outside, somewhat pubescent.
5-29-31

nubcent inside twined base to caudex lower lip. Filaments very short. Style similarly below. Sometimes the 2 flowers merged into one but sometimes

margins def. distinct at top. Corolla insep. Petals disk-yellowish. Specimens came from bushes (at least) considerable distance apart. Peduncle with 2
def. edges. Rosa spinosa x h. alpigena and?

Autumn Hyacinthoides.

5-29-31 Limieera Xyloctenum (See 5-16-31) FL. Caec.

Glandular. Base slightly glandular. somewhat

pubescent. Peduncles sparsely soft-hairy, very

slightly glandular.

5-29-31 Rubia nigra. L. Cote I. 123. Box 19. 171. 43 52

BMCP. 335 FL at lower gland at Sorelbaux. Perhaps

ent. 168-34. FL young, green, place and glades by field. Caec.

— N.Y. Not a plant on 100 feet mirabilis to eye.

5-29-31 Rubia petraea. Wolf. Cote II. 24. Box 119. FL

woods above Sorelbaux on path to Rockland N.Y.

Flw. reddish, 4 mm. long x 5 mm. diam. lobes (Cate)

16 mm. Impatien x., j. purp. 4 mm. on nerve beneath. Shir-

ringing x nerve beneath. Largest if now 5 cm. long.

(Sec 9-27-31)

5-29-31

5-29-31 Veronica serpyllifolia L. Cat. II 54. Bar 236. 394 346. 3723. Fl. emerger fr. Style 3 mm long. Short capsules with almost glandular effusion. [Ascle 594.]

5-29-31 Rediolaria jolana L. Cat. II 54. Bar 246. Somelaux-Caux. V. seen commonly from main a 92 Caux. A glabrous. S. almost naked to slightly bellosus. Pelides very pubescent. on upper side, glabrous beneath.


5-29-31

unrolling and develop with remains of frp. from last season. Rockies de Naye - Sonelbais, on rocky ledge
well above Sonelbais (hence perhaps my typical specimen) This seems only possible. To CoLe the low like
ill CoLe (but not like ill 86, 87, 88 Boisner a remembered in NFBL). "Barabales dunker - linear - sadate attenuata" (85).

5-29-31 Asplenium viride Nuda (See 5-12-29) Sp. Rockies de
Naye - Sonelbais.

5-29-31 Chaerophyllum Cicatricia Vill. Cote II 232 = C.
Cicatricium. BoB 134. Fl. Field just below Sonelbais
Fl. jinleigh

5-29-31 Apozeres pectida Leposa. Cote II 411, BoB 183
Fl. Eights. Sonelbais - Caux. Slightly wet sunny
field at Mes J. Grind.

5-29-31 Hieracium Pilosella L. Cote II 447, BoB 143, 19. 29
27. 9, 872 Fl. Sonelbais - Caux. One scape (Apo) one
for 3 buds.
5-29-31 Lycopus dioica L. 384. BN 1467 -2. Flavina 3rd Cost. I 189. Rom. 45. Fl. S. Prof. de Sonch., and marked at summit. H. Roderick Meay. Dr. Varpe. Also reddish. Whole plant velvety and upper part more or less gland-felt. Heads Iate, spiny, four-angled. Flowers white; style, style, petals entirely green.

5-29-31 Hakemia Conopsea L. BN 462. = Acreisia -L. Rom. 311 = O. Conopsea L. Cate III 403 Fl. Sonch., purplish, just below leaf. Linear 5 mm. the sepals 15 mm. curving, slender, acute. Buds ovate, acuminate, narro-, too obscure to count. Wooden noticed. Flavula rather more than 3 mm. long.

5-29-31 Acreisia palustris Jacq. Cate III 402. Rom. 311 (See also decrease of A. laxiflora. L. BN 460 in which this may be included). Fl. Sonch., frequent in fields in neighborhood. Difficult to be sure. It is suggested O. mascula (see 4-12-31) but spikes longer. Sheaves (one had 35 pls.) 5 pl. of a dark rich reddish purple, lower parts with more than 3 nerves. As in O. palustris O. laxiflora. A. spec. will bear middle lobe of lip longer than lateral lobes (and noted as if. in BN 460 -2. will Cort. v. life more or less spotted at base (sometimes only in canty leading.
leading to 2-part flaps, sometimes cylindrical and "alternate-ovate" is often very deeply enlarged at tips, pointing upward will fit D. laxiflora.

5-31-81 Adelis maculata. (See 5-29-81) F. Sonchus.

5-24-81 Rammunculus
Fl. Almost surely in pit slightly above lateral Poche de Naye. Roots thick & fleshy. Plant 6 in high, glabrous. Basal 3 sessile leaves, 2 lateral deeply lobed at base or often 4 distinct leaflets, all dentate to near the cuneate base with obtuse teeth. St. also similar sessile with leafy stalked (if) or extending linear, lanceolate, 3 sessile, plus extending upward branched leafy glabrous. Leaf 4 x 2 cm, irregularly ovate, lower 2st. leaf larger, basal ones, the uppermost small linear, entire. Stems 2-3 branches terminating in 1-3 fls. Petals short, not more than 3.5 cm usually, much less) softly pubescent, not ridged. Fls. 12mm across. Petal style 2 with no scale, or nectariferous gland. Receptacle hairy, carpel glabrous, thick, narrowed by short straight styles with a hint of a bulge at base of style inside. No nectar material. Sepals pubescent
Caducous, (gland merely a navel depression) in ablativus habit. R. acuminifolius (for which it was at first mistaken) which grows in a growing near by. See R. acuminifolius 5-29-31.

5-29-31 Valeriana tripteris. (See 5-12-31) Fl. Frequent in woods path Rocher de Naye - Erdelaux.

5-29-31 Arabis Turrita. (See 4-22-31) Fl. with abor. Like decc. 9(4-22-31) v refd. with 6-3-31.

5-29-31 Descleria Caruncula. Redin Cote 754, Barn 357 Bov. 564. Fl. Rocher de Naye summit. L. long on edges, blade 0.2 less than 1 cm. Colour yellow. Lemmas blue and tooth with about more in centre (Bov. v Bov. rather than Cote). 3 seeds.
5-29-81 Polygonum viviparum L. 2005, Bot 378
Bot 399 & 359. Fl. Rochers de Naye-Sendelux, 1,000 only
Fl. exact locum forgotten. Sepals sometimes 4 or 5 in num.
all subtlety from velv. lace appr. 3. Bulbs 3 seeds
but fls. all staked. L. gray pubescent beneath with
midrib glabrous, villous, prominent.

5-29-31 Salix retusa L. Cote II 266. Bot 388 Young
fl. Proatkta. Rochers de Naye, summit. 100 to 11x8 mm
(fl. petote 10 mm), glabrous. Slighting subs. few
hair (as. 5s.) beneath. Stems, white, exude, erect, exude
2-4 few stamens. Bullets flatlaze Catkin short (last year
remains 2 cm overall). Scale retuse (like Il Cole)
slightly hairy and as long as the unicore capsules.
Post glans. Only one bud with a long pedicel
even in old fl. For this plant in Cat II Bon (see 6-30
-81

Sendelux. Transfection 6-17-33, see 8-3-54

5-29-31 Polygala vulgaris L. (See 5-9-31) Fl. Proatkta
at R. Sendelux. Fr. develop humps. Above else.

5-29-31 Polypondium vulgaris. Cote III 683, Bos. 373, B14 579. 1/34. 244P 169. P. Soncheaux-Caux.


5-29-31 Viburnum Opulus L. Cat. 231, Bot. 189, BMCP 721 (given diff. Am. form) Fl. Canux. (see 5-5-31)

5-29-31 Arabis alpina L. (see 4-25-31) Fl. Alpines de Nase at very summit. Not with cult. plants at Val-Mont.

5-30-31 Laburnum anagyroides Cwicet BMCP 413 = Cytisus laburnum Mill. Cat. 306, Fl. Albin eared of Dr. Bond's garage & pros. cult. All the more interesting than 3.5 cm. upper edge this butterfly winged. (see 4-28-31) [see 5-15-34 and 8-5-34 when this plant was definitely proved to be L. anagyroides Medic.]

5-30-31 Robinia Pseudo Acacia L. 4514, BMCP 412 Cat. 376, Fl. Albin.

5-30-31 Laburnum anagyroides Medic. BMCP 447 = L. vulgaris Lieb. = Cytisus Laburnum L. Cat. 303, Fl. Albin Cult. Stipules early deciduous, narrowly linear, 1 mm long. hairy (Cat. B. BMCP raymont stipules)

5-30-31 Cynoglossum virginianum L. Cat. 228. Son. 136. Bunt 319. BMGC P58. EL blm. Young st. st. Caryx upper part floret stalk closely appressed blms. in upper side by bristles have often attacked in middle as noted for C. acutifolium Milx in Nfld. but hairs on underside are more nearly appressed Petals with appressed hairs on underside (Cat.) visible (20X).

5-30-31 Schoenoplectus virginicus Smith Cat. 676 = S. curv. Son. 380 = S. vulgaris Symons Bunt 589 = S. vulgaris Sm. #40 = Ptolemais Schoenoplectus Nelson. BMGC P68. Young st. blm.

5-30-31 Ptilium media L. Cat. 44 622. Son. 966. Bunt 436. G 154. BMGC P120 Early H. blm. identification by ligules truncate & not subulate, 0.5 mm and by glumes obdecurrent blm.
5-30-31 Cebisus militaris L. Coate 44 395. Ron 310
B&H 459 fl. Rd Les Avants - blion. Irsp only. This is
founder by Coate v prob same as C. galeata dz. Ron 310
Sepals petals aashy-purple outside with darker
purple stripes inside. LIFE purple or lavender
with purple dots on the light side back. V on the same
part of middle life. Flanks 2, pnce. 1. Pollen
greenish.

5-30-31 Alpinus musculiferus Huds. Coate 4359. Ron 310
rather either blue or white.

308 = C. longifolia Fritsch. B&H 455. Fl. Rd Les Avants
long but not 1 vs ill Coate. V B&H. not tassman as
used at Ill Ron.

5-30-31 Habenaria bifolia B3. (See 5-12-31) fl.
2. Les Avants along I5et village v highway bridge
near Challow. Flon high, 1mm 7.5 x 2.5 mm. Fl 10-15
mm from tip to tip. Sepals sepals sepals. Life greenish
9 mm x 2.5 mm. Sepal 15-20 mm. Sweet acented
5-30-31 Potentilla
Fr. Klein This is P. vernal. 4-25-31 but fr. more rigid in somewhat unbranched, fr. about 2 mm longest dimension vilium about 1 mm (looking for passionately large). Pedicel very slender. Much more slender than P. salishagensis (Rae. 5-29-31) v in some cases slightly curved (note plant hanging down face of wall). So consider as P. verna. Note Cat. 125 = P. LONG. [4-10-34 Branches not fleshy rooting legs the flowering do not see. SVRI 37/1 P. verna.]


5-30-31 Silene Cumulata. Weibel. RUV 685. S. Cat. 436 = S. inflata. SM. Cat. 123. CM. 48. F. Klein
6-3-31 Moehringia muscosa L. Botet. 205, Rom
= Arenaria — N. Rom 49 Fl. Alion (See 8-13-31)

6-3-31 Lithophragma purpurascens caeruleum L. (See 5-18-31) Fl. Alion at spring in upper path at Blanc.
ound V. Tovaux.

6-3-31 Arenaria
= Archis montana Schmidt-Cote 4001, Rom 310
prob = H. Chiroleuca Reich RVH 462. Fl. Alion in
woods just below Planesaud. (Cf. with H. bifolia
5-20-31) 45 cm high. 10 x 10 x 4.5 cm. Flw 10-26 mm
DLP, lip greenish 13 x 25 mm. Spur 20-23 mm. No
spur observable. Antteris broader than H. bifolia
well spreading apart at base. Entrance to stigmatic
chamber open starin-like. Spur prob. slightly
thickened toward end. General shapeke like
H. bifolia that in field easily mistaken. Fls
greenish white (not purewhite RVH) (See 6-18-31)

6-3-31 Arenaria terricola. (See 4-22-31) doesn't 8 in fall. 9-18-31 Arenaria
mound east of Hotel Victoria seen elsewhere. Pest 11 cm
x 2.7 mm. 3 disc. B. Seeds not yet don't allow def.ing.
No dorsal nerve. St 8 in fall 9-3-34. b.

6-4-31 Cramium sanguineum. Cot. I 347, Bor. 56, B.M. 94, B.M.C. P. 84, Fl. Cline

6-4-31 Veronica Tenuifolium. Cot. III 54, Bor. 234, B.M. 727, B.M.C. P. 671, Fl. Cline "Field by R.P. Red-3-34 Adj. Fl. Snelson. Several stems col. which one held linear whole of 3-27"

6-4-31 Seneca sagittalia. (See 5-12-31) Fl. Cline, R.P.

6-4-31 Allomilla vulgaris. Cot. II 64, Bor. 102, B.M. 145, B.M.C. P. 347, S. des 4493, Fl. Cline. Note: Stipules fall but uppermost two, tubular in flabell, sheathing, foli- cles.

6-5-31 Paradisia Liliastrum. Cot. III 349, Bor. 330, B.M.C. P. 175, Fl. Cl. by J. M. McKen. Rocke's Naug. - Canes. 1 vts. 6 mm wide.
6-5-31 *Cheiris maculata.* L. (See 5-23-29.) Flolly

Mac Pt.

No spots at all, but otherwise, Fls. large, white, the petals faintly tinged purple with more of this
purple on edge. Taller cella purpleish v. atigmati
spotted outlined with purple; both cells of maculat
as composed. No spots on lip.


Mac Pt.

- Twig 8 in. col. with 4 hrs
v 4 ft. Thorns none. Twig glabrous v. glaucescent 1 1/2
except upper 1/3 which has 3. stipules 5 mm wide,
attached to petiole for half its length with sharp points
projecting about 3 mm higher, glabrous glaucescent,
slightly dentate v. with many dark red glands
on edge. Petiole v. midrib glabrous v. with a
few straight glands (evident to touch) 1 1/2
glamous. Both sides, glaucescent beneath, sharply
Toothed to near base (the teeth being again incus.

date) reach tooth ending in gland similar to that on stipules. Calyx lobes 2.5 cm, not lobed on
edges, but tip slightly expanded (not as wide as base) v. slightly toothed, glandular on edges, very
hairy inside. Petals red. Styles free. Stigma in
velocity leaf. Peduncle 3 cm, glabrous below but
thickly covered above middle with short
glandular hairs. Calyx tube glabrous. Calyx lobes project somewhat beyond corolla.

6-5-31 Antennaria dioica Gaertn. Cote II 322, B 14 241
4820. = Gnaphalium discicenum Ber. 173 fl. Calyx
without basal hairs, Mae. 15. & fl. back
def. rose-color. St. lvs. slightly cuttig above but more
2d below (Rosenzweig).

6-5-31 Campanula rhomboidalis l. Cote II 502, Ber.
199. B.M. C.P. 742 fl. Fl. Calyx without basal hairs, with by Mae.

6-5-31 Phyteuma orbiculare l. Cote II 489, Ber. 196, B 17
284. fl. Calyx without corollas, Mae. 15. Excl. 30 cm., glabrous, angular-ridged. 5 or 15 petals.
Both sides. Bracts broad at base (to 3 mm.) narrowed to
more or less elongate acuminate tips. Filaments, pubescent inside at base.

6-5-31 Convolvulus arvensis l. Cote II 571. Ber. 217, B 11
317, 4 671 fl. Fl. : Corolla white with 5 rounded tips
outside. petals pink inside. Filaments 
5 mm. at tips. Filaments papillate, green at base.
6-6-31 Vicia silvatica L. Cote I 387. Box 85. 24+127. Fl. Albion fields near Cape Breton. 5 ft to 15 mm. Hair white, dark purple at tip inside; ring of standard white at outside and handkerchief vine purple inside. Stipules with upper lobe entire; lower lobe much cut.

6-6-31 Thymus Chamadrys Fries. Cote II 117. Box 560. (See Box 36.) Fl. Albion Rd toward LaC statt. Strong habit on up-riders, 1.3 cm high. Rust coloring to 10 x 3 mm. Upright verticillate, 2 fls a little separated from the rest. This may be T. montana Waldst & Kit (Cote) which Box does not note. Verticillate but evidently considere = T. Chamadrys Fries. Note: the broad upper lip gland is shorter than lower lip, only slightly longer than calyx. Stamens abortive.

6-6-31 Pimpinella magna L. Cote I 206. Box 132. 7. P. magna Huds. Box 13. Fl. Albion Rd toward LaC statt. Fls. diff. pink. 6-8-31 Fl. found repeatedly white to bright pink with dark red line, often glowing together.

6-8-31 Helianthemum Chamadricus Mill. BMQ CP. 60% Box 54. = H. vulgare Leaven Cote I 152. Box 85+78. Fl. Albion. Low green with sides v like St. punctat if. with either long or low thins, frequently
For more is away from some points, but
harvest Alto pike away 3 pt. 19, flat, 20x1 mm. The Claves are 2-3 cm
in. x 1-2 cm. Flat, thinner in line. Pubescent, smooth with main
vessels prominent on line except on inner
(secondary) edge when they are smaller & starchy
or lacking.

6-8-30 Helianthemum
1 plant Val Motz to compare with above. Fls
bicolor, petals yellow white. Habit much an
more. 2 cm. 15X2 mm, edges strongly revolute
At, lower sepals grayish with short hair,
next cm. Pubescent in dry or not in report.
This differs suggests H. poliflorum DC. Cont. I/38
Box 36, 2 = H — Mill Box 55 on perhaps a cross with
above.

6-8-31 Centaurea Scabrosa L. Cont. II 370, Box 180
Bott 26X9, 5 X 8 cm. Fl. Flower involucre 1.5 cm broad
(2 cm days 2 cm.) Whole plant grayish green unused
or less easily pubescent. Strigose. Sterile flower sterile
been long.
6-8-31 Stachys recta L. Cote III 117, Box 258 Fl. Alim

6-8-31 Aegopodium Podagraria L. Cote II 207, Box 33
Bv 189, 217, BM 563 Fl. Alim (Fine old enough to determine if only central umbels from Cote, Box)

6-1-54 F. (in magazine Fl.) Aegopodium wide, each half long as bed label (as p. above), deeply divided, 10-15
seeds in each umbel.

6-26-31 Fl. Alim intermedium

6-8-31 Lathyrus niger Bench Cote I 405, Box 87, Bv 132, BM 594 Fl. Alim.

6-8-31 Geranium pratense L. Cote I 204, Box 55,
Bv 94, 435, BM 534 Fl. Alim. One piece only noted
and Alim. Val. Dept south side at edge of woods. 0.5-

6-26-31 A. vibratium Fl.

6-8-31 Centaurea damascena Cote III 390, Box 189

6-8-31 Jacar 1. (seedling)
slightly larger for sun blooming
Fl. Alion. St. simple, rim slender, stiff, ridged
and like his gray-green with velvety pubescence.
Rays and bracts (if any) not recorded. St. has lanceolate,
sepal about 5 x 1 cm., uppermost entire, lower ones
with 1-3 teeth below middle. Disc about 12 x 12 mm.
the upper petal not reaching to its top. Appendages
reactions, c. rich brown (dark) at base. Lighter
towards edge, very concave, slightly lacerate.
Cordal a pale gray-like, the radiate rings 3.5 mm.
long, the disk ones darkened at tips to match.
Thermines not blooted. But since this name
not in SVA, perhaps plant is C. jacea. L. Cote 7390
Boro 180. Bov. 765. 4 x 12 (see 6.26.78). 15-25-34 Aec 450 42
this can only be C. jacea.


A667. F. Alion.

6-8-31 Polygonum bistorta L. Cote 742 85. Boro 273, Bov 399 F. Common weedy. Alion and Boro Alion.

6-8-31 Medicago sativa L. Cote 7382. Boro 74, Bov 111. A570.
A94C 404 F. Alion.


6-10-31 Ammobrychia sativa. Lamb. (See 5-10-31) Fls. almost ripe. Alien.

a tiny extra leaf or stipule at base of pedicel of some of lifts.

6-10-31 Aleiria pyramidalis L. Cote III 403, Bon III, Bot H 461 = Arachaindas - Rich. F. L. Klein


6-11-31 Lilium Martagon Cote III 508, Bon 245. F. M. C. P. 157. F. L. Klein.

6-12-31 Thalictrum aquilegifolium. L. Cote 99, Box 4. Fl. Shortly after Col de Janan. Stamens a beautiful violet color. One spike only found (see 6-30).  

6-12-31 Ramunculacealgestris. L. Cote 94, Box 7. Summit of Col de Janan on the edge on west side (only place found) Fl.  

6-12-31 Saxifraga Agazonia. Cote II 137, Box A 446 Be. — L. Box 114. Fl. Col de Janan. Basal leaves stiff translucent rossettes, none longer than 17 mm. Found also low down.  

6-12-31 Saxifraga musceoides. Wolf Cote II 142 Box 116. Fl. Col de Janan v again low down. Lvs. Lower part of sparsely glandular pubescent part B. Calyx tube (somewhat also lobes) def. gland. Many tufts (with dead lobes below) branling from root. Small in vacuoose box on sterile top of slice drill. Cote. Note petals bar edges turned in toward at base. (All Cote good)  

6-12-31 Mentheinalutica L. (Ex. 3-29-31) Fl. Cereally.
Many in bud, but only 1 open in fl.

6-12-31 Adenium lycaetorum. Cat. 152, Bot. 11, BMCP 285 fl. west side of Colde Janam. Stalks platy, below, corollas with short, downcurved, pointing yellowish hairs. Sepals similarly, but outside, inside shining platy corollas with longish white hairs on lower ones. Petals with upper completely coiled as that tip is parallel to claw, pointing in opposite direction. Filaments abruptly widened at base (almost as wide as anthers.)

6-12-31 Adenostylea albiflora Robb. Cat. 111, Bot. 160 fl. west side of Colde Janam. Fl. 2 fl. each head. (See 6-30-31) [See 5-34 fl. off with Potentilla alba, Caesalpinia]

6-12-31 Campanula glomerata. Cat. 149, Bot. 197, BMCP 285, 396 fl. BMCP 1743. Cat. 11. Cresalley-Cox. Centile 1.5 cm long, lobes sometimes only 1. Stipules sometimes 4. St. ridged from bases of the semi-clasping lvs.

6-12-31 Veratrum album. Cat. 111, Bot. 269 fl. Con. 291.
6-12-31 Lathyrus lutens Pett. (see 5-29-31) FP 4 ex 12
Gold de Janan. Fls 2 cm or 9, cream colored on opening turning orange on withering.

6-12-31 Convolvulus integrissimus Medik. BM 379 = C. integrissimus Medik. B & H 153 = C. vulgaris
Lindl. Cont. 67, Rev. 102. FP & ve young fl.
Dent de Janan v below. Petals greenish about the size & only slightly lighter than calyx lobes. Uniform 2 in each carpel. (see 8-29-31)

6-12-31
Sapling, erect. Foliage is slightly angled from base of leaf. 1/8 gray-green, pubescent and edges serrate. Inflorescence abruptly abscissed 2 cm long, the next 3 cm long. 4 cm long 3 nerved, the uppermost narrow, reniform, Nebel solitary 2.5 cm, 4 mm, bluish-white, disk yellow. Involved about 9 mm high, bracts loose in about 3 rows. Bracts have an edge pub. towards apex but more nearly glabrous at base, ". Perianth. Petals pink to rather deeply albo-violet but margins not deltate.
Fl 12 x 1.5 mm, pinched to an acute apex.
Rays 9, in 2-3 series (overlapping). Blades silksubent with a dentate dingy (2.5) pubescent, hairs not all same length. Note that many rays are divided to base 3 blades so as to make a filiform appendage on one side. Inflorescence with many short-recurved points at apex.

See aster alpinus L. Cate II 293, Ben 161, BM QF 795 and albus Erigeron alpinus L. Cate II 296, Ben 161, RVH 237

6-12-31 Globularia Cordifolia L. (see 5-29-31) Fl. Duquet de Javan. Lippenlip. Corolla filiform lobes a little shorter than upper lip.

6-12-31 Pedicularis verticillata L. Cate II 57, Ben 340 Fl. Javan.

6-12-31 Pulmonaria Fl. young fl. Westside J. Col de Javan. Corresponds best to P. Helvola Balm. (= P. molliens Balm. non Wolf) Cate II 576. This not listed in S.V. Next best guess is P. vulgaris Mirat Cate II 576, S.V. 399.

Neither of these occur in Ben or RVH. Still no high. Largest base leaf now 5/2 in overall, its
6-12-31
its blade 7.5 x 3.5 cm. (But as there has seem to be developing from an independent lateral, but they may grow larger later). St. vs 6-18 flowering. No leaf clear green with no white marking. Largest calyx (x 4.5) 17 mm long with teeth 6 mm. inflated but impossible to decide if "ventric a la base." Carpels salinies to eye but finely punctuate (20x)

6-12-31 Redum alpinae Vill Cote II 116, Bon III 58 Dent de Jaman (vs por. below) 57 cm high, lower part vs lower 1 redish, calyx lobes somewhat fringed redish. Petals greenish with reddish stripe down center outside. Neither sepals nor petals strictly "elliptic" (Cote). No "sepals atrodatum" in spec. but no other species in Cote seems possible. Pedicels sometimes 2 mm. long
[7-26-34 Prunus sathavunh.]

6-12-31 Silene acaulis l. Cote II 175, Bon 44, Bon #64 49 cm, Jaman vs lower. 1 mm wide minute pubescence. Calyx erioch 9-5-34 Fl. Rodman s Nave. Sta. 3-35 mm long

6-18-31 Barbarea alpina l. Cote II 49, Bon 288
6-12-31 Polygala lonchitis Bt. & 40: Aspidium
— Sv. Cate III 675, Bon 378, BVH 581. Pod above
lade Jaman. Sp.

6-12-31 Cystopteris altaica Desr. Cate III 679, BVH 580
Endsia evident on young fronds until.
Cf. with C. prophylla. Rarely found in neighborhood.

6-12-31 Rhododendron ferrugineum L. Cate III
508, Bon 309. Fl. Jaman. L 10 to 7 x 1 cm. Calyx al-
most nove.

6-12-31 Nigella Littshidi Ram. Sch. Cate III 313, Bon 296
Fl. only 1 spike found in roadlabor lade Jaman.
Bud one with a small central buli at side in
same twine. Basal leaf (smallest) thick ground
above v. round-lobed beneath. 20 to 30 mm.
Nearly triangular, 3 mm on a side.
6-12-31, hollow side linear (same width throughout) but narrowing to acute apex. St. red, 1½ in. high. 4 involucral bracts: the larger is 35 x 9 mm, the upper ½ involute & deciduous, the smaller 20 x 4 mm. Fls 3, seemingly in number, with 3 narrow linear white margined bracts (less than 10 mm) issuing from same point as pedicels. Pedicels 15-30 mm long with a few scattered hairs. Pericarp glabrous, 15 mm long.

6-12-31 Rumex alpinum L. Costi. II 201, Bon. 273 Fl. Jamain. Idem largely by the broad, obtuse, deeply crenate lvs.

6-12-31 Linnum alpinum L. Costi. I 231, Bon. 54.

(Species in this L. perennis L. BM 30440, 36488 ?)
Fl. white or Duller Jamain on or r. to Olde Jamain.
Many erect ats from woody base. St. slender, light, ½ 9 in. high. Sepals all with thin white edges, glabrescent not ciliate. The outer sepals maybe somewhat narrower & more pointed than inner ones but none are strictly oblique. Fls light blue, 15 mm. diameter. Calyx yellowish slightly pubescent inside. Styles abruptly flattened at top with a small...
erect disk-like stigma with augmented sur-
face inward? (seems so much like the opened
antlers of some galants). Pedals are long. Note: this
agrees exactly with nothing in Cote. Group 8 is
in upper shoots much like ill Cote 7. Callianthemum
Antlers pale yellow 2 x 1 mm. Perhaps this is
1. angustifolium. Jude Cote I 23 = H. Hennehill
But 87 not quoted by either name in Box.

6-12-31 Oreopsis globosa L. Cote III 402, Box 310 Fl. Green-
alley. Pedicel not quite as long as very Sepals
distant coniform. Pedals large at base and 6-
mmer, long & sharp at sepal. Middle like
flap pinched to form the sharp tip. Bladder,
pods. 1. Found in mid-summer in clumps.

6-12-31 Oreopsis latifolia L. Cote III 404, Box 311. BUT
very superficial.
460 Fl. Greenalley. 4a-camp from very def. &
highly spotted to more or less spotted. Fl. all dark
purple. Varying degrees of brightness. Lips def-
lined or hardly more than dentate. Spur very thin
thickness. Note BUT differs from Cote in color.
If not 0. muculata with which none of these
specimens would be confused.
6-12-31 Calamintha alpina Lark. Coite II 395 Pon 249 Fl. Dent de Jaman. St. pubescent with downward curved leaves. Lvs to 12 x 11 mm, dentate to below middle. Fls to 13 mm long. Corolla deep purple. Satucia — Schlele BM NP 651

6-12-31 Athamanta caudata L. Coite II 182, Pon 129 Fl. Dent de Jaman. Spanish with finely cut lvs. Fl densely pubescent.

6-12-31 Senecio Doonicum L. Coite II 308, Pon 164 Fl partly open. Dent de Jaman. St and lvs (esp. beneath white leafy, also involucral). Heads finnively like those involucral and as long as to be confesing. Fl. heads 2. (See 6-30-31)

6-12-31 Biscutella laevigata L. Coite II 125, Pon 31. Fls pink My Dent de Jaman. Horizontal underground with small upright short branches (many together in 1-pd) with thin, brownish yellow or green fls. Ew leaves with short dentate to almost entire. (More like ill of B. apulah. Coite)

6-12-31 Habenaria viridis Bu. Bov H 462 — Orchis
viridis Crantz. Cost. III 896 x 0. — all. Ben. 311 F. Janan.
Petals narrow linear, green, edged brown, up to green-
brown. Sepals green. (See 7-22-31) 14-30-34. Note drying
for all the way up the stem."

6-12-31 Veronica aphylla. Cost. III 88. Ben 285 Fl. V
pubescent. Chairs (2x) slim, elongated, peduncle.
Calyx, petals v. ovary gland - pub. Style 5-4 mm long.
(See 7-22-31)

52. BU 74, A 388 Fl. Deut. de Janan. Very like ill
Cost. BU 91. Pubescence on upper part. Plant glan-
glandulose. See SUNI 340. (See 7-5-31)

6-12-31 Thymus serpyllum L. (See 6-12-31) Ben. Deut.
de Janan. (Cf. with T. Chamaedrys. Prie from
blume) St. purplish. Lvs. with yellow nerves
not "sallantes."

6-12-31 L. contodon
Fl. Janan. Ident by kapulus (plant). Note:
allien attached to reedstaff by short thread
inset in depression in base of alien.
6-12-31
achieve and in very def ceterus well in receptacle. These threads of remain pre-hypanthium from receptacle when achenes detached.

6-12-31 Santiana Clinini Per v. S. Couto 95 628
just me in G. azaleoides. Ron 315 Fr. Jaman
5 lower on 1:2 to Lee de Jaman. Back lit not
at all petioid, ending in oblong to linear. Calyx
18 mm high of variable teeth from 7 mm. Teeth
upright, applied to corolla. Corolla tube acute
moderate. Corolla tube with lines of thickened dots (see S. kochiana Per v. S. 5-9-31)
but with no blotch of bronze-green at throat.

6-12-31 Dracilwus silvestris Wulf. Couto 192, Ron 47. Bud. Det. de Jaman. Ident by similarity to
D. Caryophyllaceae with only 2 scale bracts 1.2
mm wide. (See 6-20-31 while on same plant
3 ft had 2 bracts 6 ft had 4 bracts.

6-12-31
Liliaceae. Fr. Jaman-Caux. Roots of thick, white
tubes, descending (much like Ail Couto III 344
Antliéricum ramosum 1. small based, glabrous, more or less folded down middle, 4 mm wide, 10 cm long but perhaps slightly at tips 2 cm, not distinctive, with few small nodes at base outside. Deeply 12 cm high, glabrous, very abrupt base (1.5 cm), tapering to a perceptible narrow top 1-2 cm. The upper part: each segment 0.5-1 cm, the pedicel 1 mm or a little more, each subtended by bract longer than pedicel, lowest about 15 mm, thin (a. 5 mm wittleri), lower yellowish with dark veins distinct but irregularly spaced, about 7-6 cm in number. Perianth 1 cm high, 6 segments distinct to base, thin (a. 8 mm), yellowish, each with 3 nerves of darker yellow. Stamens 3, reaching 1/3 as long as perianth. Filaments slender, glabrous somewhat shorter than the yellow anthers which are attached on each about 1/3 of length above the co-gynoeciate base. Style simple, overtopping anthers, enlarged toward top into club-shaped (and perhaps 3-tailed) stigma slightly superior 3 angled. Stamens inserted at base of perianth, not on column. Pedicels show no signs of articulation. Inflorescence 2-6 cm high. Only post in box seems to be Antliéricum Case No 344 = Phlaunatum. Box 301. See A. ramosum var. simplex Syl 62 (see 6-27-31)
6-12-31 Lycium dioica L. (See 5-25-31) Fl. 0.7. Qnsippe fl. Very common Janam. Fl. St. White found further down.

Since at the 71 (sometimes 8) plates the zone each side of same are more or less joined this may be A. Hoppeana. (But thinfl. is more like A. alpinum. Cote II 63) = 2
Dalla Tone SVK 373 = 2. Urginea Bot. 184 15

6-12-31 Allium freubeaconk. Cote II 64
Fl. Dend. Janam. One in A. colgiarist. Bot. 131. 0.5cmacross, pub. both sides with straight stiff. semi-appressed hairs.

Lvs. linear 3-4mm wide. with few dust hairs both sides. on edges. alinafor quite entire. 3-
erved with lateral nerves nears the edge.
But has slightly palmy with long white hairs in axils and no tracts more than twice as long as wide. This suggests...
P. maritima L. Coire 146, Room 360, BVH 382
Seagrass leaves erect, to 12 cm, appressed, patient,
and sometimes purplish as the edges of leaves
are rolled. A very long tap root branches into
several underground roots several
branches. [P-4-34, 1955. Seen on every trip to
Jamaica since 6-12-51 and Lee et al. family that became
the flat lawn attraction.]

6-12-51 Ericophorum angustifolium Roth. Coire 44967,
Bom 365, BVH 584. 4197 F. J. Roberts

6-12-51 Polytrichum aculeatum Schott (= P.
thurberi Roedehale) B. MGCP 70 = Arhidiun
aculeatum Sch. BVH 582 = A. — well Bom 3738
all dwarf (at least in broad sense) evidently
include P. lobatum Sch. Coire 655. L. A. M.
and B. MGCP old sp. Prot in woods cut. A. W.
Colby Jaman. Front 23 X 4 in.

6-12-51 Securaria Aureaaria L. Coire 142, 156. B. MGCP 380 = Pyrus — L. Colby.
Bom 152. F. Colby
Jaman.
6-12-31 Helianthellum
Same as 5-29-31 Fl. frequent Dent de Fumee.
Style very deflected at base.

6-13-31 Deyaar octopetala L. Cote 710, Cote 96, BVH 137 Fl. Roche de Naye.

6-14-31 Lilium palaeum L. (see 5-24-31) Fl. Road east of Caux toward Sorelcaux.

6-14-31 Veronica officinalis L. Cote 4433, Bon 235 BVH 347, 7237 Road east of Caux.

6-14-31 Veronica patens L. (see 6-4-31) Fl. Road east of Caux.

6-14-31 ? Neaperia marxaloides L. Cote 182, Bon 22, BVH 34, 743, BM. CP. 308. Fl. Either on road east of Caux or at Col de Chatelain Val-Mont. In on lower half of missing St. this one with long white hairs which in upper part are largely replaced by white fluffy hairs (see BM. 1870).
Lvs. pub. with straight v. forked hairs. The few
Petals white, sepals whitish, pub. with simple
forked hairs. Dinit as rose as rose without fr.

6-14-31 Salvia officinalis L. Frtchel 4806 = Clinopodium vulgare
W. 363 = Calamintha
Clinopodium Benth. Bon 249, Moris Cote 4494 =
Calamintha vulgare Druce B74 363. Fl. blion.
Largest lvs 3x2 cm.

6-14-31 Liquiritum vulgare L. Cote II 541, Bon 211
15K 369, 6652. BM & CP 574 F1. blion. Not:
Stamens
this described as included are short & turn limb
perilla but project above tube.

6-14-31 Lathyrus latifolius L. (See 4-20-31) F1. blion

6-14-31 Anthemis munotrial L. B. MGCP 961, & 846, B74 368
= Cote — Kay Cote 346, Bon 168. Fl. Cult. blion

6-14-31 Tragopogon pratensis L. (see 5-15-31) Fl. blion
Leaves flat horizontally v.looking like miniature
spider web.

6-14-31 Stellaris incana L. Costas 222, Bot. 37, 23196. Fl. variep. fr. Path Libson - Veysauche on upper part. St. has collected 12-16 in. Def. pubescent from base, the hairs gland tipped in inf. 20-30 calyx on plant, collected without stem 2.2

Ciliate & either glabrous or more or less sparsely pubescent both sides. Sepal 6 mm long, petals 11 mm long. St. flowers always 3.


6-14-31 Rosa arvensis Huds. Costas 57, Bot. 150, Q. P. 344. Description = R. reopol Sep 101. Fl. thin Stalk. Fls. white, solitary, 2.5 cm, ivory, slender. Leaf 5 - 11 cm, decreasing to 1.6 x 2 cm. Identified by protruding column 3 united styles glabrous on. as long as stamen.
Repros entire or with 1 or 2 narrow serrulate as in ill Cota. Very long oocytes. Robbins principal to be described

6-14-31 Luecula nivea U.C. Cote II 456 Bon 322 Fl. Aline woods on path toward Caux-Sunchaex. Alinea few fls.

6-17-31 Lychnis Floo-Cuculi. Cote II 184, Bon 457, Bon 67, 68, 438, 694, 565, PCP 306 Fl. Aline. Stamped wedge-shaped cap. above. Not maroon, but downward pointing hairs somewhat crimped. Scale at least of petals cut into 2 linear lobes which incise the long very narrow. (See 7-11-31)


6-17-31 Euphorbia verrucosa. Cote III 236. Fl. = E. - 1. Bon 280. Fl. Aline. This is E. merriamii spring. Infl. yellowish. Seed 3. 5 x 2 mm. 20 v. bracts only finely dentilicate towards apex.
6-18-31 Habenaria
= Orelia montana Schmidt (see 6-3-31) F-2
On path toward Chambland just beyond 1st waterfall temple. No question 3 leaves on
antlers vs. Aega exactly like old Cota, with
a green thickness between the 3 pollen cells.
Length of 2 cm tip to tip, lip 14 x 8 mm, spur 4 cm
long.

6-18-31 Astragalus glycyphyllus L. Cote # 367,
Ron 83, R3 # 231-3. World Sabot Velungt Valabaram.
Ident as A. aureus ssp. auriculatus. S. Valabaram.
Petioles, leaves beneath with short stiff white
appressed hairs. Leaf, ovate, entire, hardly
apiculate, 3-4 x 2-2.5 cm. Lower stipules united,
somewhat separate. Flo 1 cm long on pedicel. 1 way
narrow, subtended by fragile subulate bracts of
3-4 mm. Younger fr. on another spec. shows foot com-
pletely divided by undivided lower suture.

6-18-31 Stachys alpina L. Cote # 119, Ron 353
Fl. alpine near bridge east of Val-Morin Farm. Cote
w.T. silvatica L. Fl. open yellowish with
reddish markings. Stalk rather slender
rose-red. Low, similar to S. silvatica but older
initial footed v. minima at a jean St. 2 ft. tall
valer pubescens (not alivinte). calyx much larger 12mm (instead 9mm).

6-19-31 Valeriana excella Poir. Con. I 262 = V. rambeifolia Mill. Ruth 226 v. evidently nice in V. officinalis L. Bon 144. Fl. Alion, 7th west Valmont. Plant 6 ft high. Stolons (which pulled up readily with plant) hence perhaps "epigees", the light extract became under celluloid nearly clear. bare 1-2 cm with 2-5 rounded leaf segments. 7-8 cm with 7 to (pale) 13 segments. Natural 2 cm, except upper 1 cm about 2 cm wide. All 2 cm. deeply toothed.


6-19-31 Scrophularia nodosa. (See 6-9-31) Fl. Alion Root thick and tuberous.
6-19-31 Drueanthus Ecarttianarumum L. Cate P 191, Box 47 D. C. - L. R. N. C. P. 268 St. Montana via Dr. Tractmann. Flats only, St. 3-7 in high, rather obscurely 4-sided. In 2-4 pair, the upper pair sometimes very close under of leaf. 2-3 linear, acute shorter usually multiodissected than internodes, rather glandular, the longest pair 3 cm x 3 mm, rough on edge, with a narrow yellowish white margin at base which makes a line extending down into sheath. Spike 6-10 mm long 2x about 4 times as long as wide. Fls. almost sessile in heads of 3-6 (some 3-7 under leaf). Sepals straw colored with grayish consistency, slightly ovoid 9 x 3 mm abruptly terminating in 2 point 7 about 1.5 mm midway on calyx. Sepals have nerves extending from point may 7. young lead to base, bit edge of scale thin nerved. These scales seem 3-5. for each fl. and in addition there appears to be a pair exactly similar under the head 5 under each group of fls. in the head. Calyx about 13 mm. long with many nerves. Stylus reddish. Cista 15 mm. diam. Petals more lime magenta with somewhat darker lime hair toward base of blade. Ruttler Herbar.

6-19-31 ? Aster alpinna L. (See 6-12-31) Fl. Montana via Dr. Trustmann. See also same as 6-12-31 but not fed with it.

6-19-31 Euphorbia cyparissias. (See F2. Montana via Dr. Trustmann.


6-20-31 Plant which would be that Chacephyllum
temulum. Cote II 221, Bum 134, BUM 206. Except that contrary to Cote, Strickler's, not another under
nodes, not spotted brown, but very shining
beneath. Fr now 3-9 mm velvety smooth. Stylus
3 mm (3 times as long as staminodium), spreading.
Smol. none, bracts 2-4 x 2-10 ciliate but
hardly white edged. Fls (as remembered from earlier
not truly white, petals glabrous. My suggestion
all "temulum" (Cote). C. with plant called
Antirrhinum silvestre H.Bom. 7-15-31. Segments
fls. much broader. Than alight pleasant
odor.

6-28-31 Hypericum perforatum L. Cote I 259. Bum 60
BUM 84, G 578. Fl yellow. (VM station). Fls 8-10 mm. Petals
more or less spotted. Stamens crimson (20x). Antlers
stipped with black gland.

6-28-31 Hypericum montanum L. Cote I 362. Bum 60
BUM 87. Fl yellow. Roadside near DVM. Stigmas crimson
(20x). Antlers tipped with black gland.

6-28-31 Alchemilla lycocotonum L. (see 6-12-31)
Fl. Angelique Chandelier.

6-28-31 Chrysocephalum alternifolium L. (see 4-15-31)
Fl. Angelique Chandelier.
6-20-31 Epilobium montanum L. Cost II 78, 
B. 164, RVH. 157. F1 V young fr. thin-longed, 
Chanderson. upper bridge, 5 ft. softly hairy 
(20X) but hairs not 1/2 mm so acc. to B. not 
E. parviflorum. Loc almost sterile (might 
easily be thought so), almost glabrous. Stokes 
crowded dead b. or least 1/2 in but (2.65) alm. 
no sign of abortion or rosette.

6-20-31 Teleaapi arvensis. L. Cost I 132, B. 32, RVH 
45, & 429. Fr. Cottage on path to longedu Chanderson. 
loosely fallen seed with beautiful concentric 
ridges like ill Costa.

6-20-31 Leontodon hastata L. Cost II 416, & 868. 
B. 183. RVH 268 = L. perfoliatus 
Vill. B. 174. Fr. long on path to longedu Chanderson. 
(C. 6-26-31)

6-33-31 Lapsana communis L. 8861, RVH 281 = 
L. gigantea — L. Cost II 416, B. 183. 
Fl. V young fr. 
Chanderson. at 12 (almost Luicine) almost to infer. 
3 1/2 ft. high.
6-23-31 Digitalis lutea L. (see 4-25-31) Fl. yellow
lower lip ciliate at base. Calyx gland - ciliate. Corolla
with dark marks at base. Lateral lobes and some-
what gland - pubescent.

6-23-31 Hypericum luridum Dunn. Cote II258, Bos.
co. 80. BnH 83. Fl. yellow near la Varaq. Less heavy both
sidees. petal - so about 2.4 might be considered
prime. Teeth on sepals much shorter than those
of. montanum. Many at. same spot.
Perhaps may slightly reddish or opposite but
the latter not reddish (20%). Petals with 10-
few black glands at tip. Anthers with no black
gland at tip. Stigmas crimson.

6-24-31 Spartium junceum L. BM. CP 421 =
very white - silvery. Seedless mostly. with small toothed
leaf on one - side of hilum.

6-24-31 Lactuca muralis Fresenius. Cote II 481
= L. — Jaeger BnH 271 = Thoecropus — Crevs bn.
Bos 187. Fl. yellow.
6-24-34 Indigo Bunting, Guaratiba beach. BMCP 4/17

Shrub (Leguminosae) fr. De Rendoza yard. Young
plants, which bear fleas, white wrough with upperside
blades attached in middle. 1 x 3 1/2 - 4 in.
overall with 11-17 leaflets. Stalk usually with
short or stellate blades attached. Sometimes the
terminal leaf being

stalked & attached to a prolongation of the racemin
almost as long as the section; racemin between
1 1/2 in. Short leaves subulate about 3 mm long; leaf
oval or ovate, entire, rounded apiculate at
apex, 3/4 x 3/4 in, rich green above, yellow green be
neath, both sides with hairs like at. F. red-
purple in racemin 7 in. long. 12 decells. My chart
with small subulate deciduous bracts. Calyx
reddish with broad shell-like sinus above so that
the 5 teeth seem mostly on lower side, the
middle one longest. Calyx measured here is
2 1/2 mm long. Calyx pubent, tubular & fitting
closely to flower in bud, but spreading esp.
ecially below when corolla opens and perhaps
shriveling later. Reel's wings can be seen only
in bud as they fall quickly after corolla opens.
Reel a little longer than wings, obtuse, silvery or
pubescent toward upper edges outside and

with a wavy-dit. suir on each side. Wings bright
olive on all side. Standard clasped, with a
light apart, inside, at very base. 10 x 8 mm.
hardly emarginate at top, standing very erect when shed (the wings forming a horizontal rosy over the face) and later (when wings have fallen) standing limp flat over many leaves. Stamens 11, the anthers red, apiculate. Style slender, bent at right angles with small capitate stigma. Every petalent, outer standard, standard shorter, one on outside with very fine pubescence. Best possibility for B.M. 1934 to Indigofera Gerardiana, hook. p. 1717.
(See 9-2-31, which makes identification sure.)

6-24-31 Malva silvestris.
El alien edge of woods at Planards. St to 10 in from what seems perennial stock with longish spread, ringhairs, mostly several from same base (ex. toward top), but because of length not making any effect. Lvs. incised, 7-9 nerves at base, the corolla making like broad valallow (must like all N.M. Irlandvia B. & H. M. -painted Cow in this respect). Sirms broad valallow, the sides straight. Lvs. hairy both sides with hairs single or several from same base, length of 2½ x 3 in. Its seeded in axils. The 3 inner has lanceate on elliptic, a little shorter than calyx, 2 so near together that they seem joined at base.
6-24-31

base, the 3° quite separate. Calyx 7.5 mm. long, the lobes broadly triangular, light green pubescent. Petals narrowly oblong, 17x10 mm. broadly notched, tapering to base with def. claw, the early being def. visible (from dors. leaf the petals towards 1-2 mm. except at very base, petal notched relatively clearly). Petals noted greenish white, not completely fill up the space. Stamens column, very lightly at base pubescent. Carpels 10 (in 2 cases counted), glabrous. Flat and semicircular, petals bright redolate people with darker veins. This might be considered? M. silvestrii. Coots 230, Box 50, RVH 90, 4068 AMCP 484 except that many of these manuals mention the bearded clas. See RVH 4316 which gives Malva not mentioned in Coots Box.

M. neglecta Wall. and var. brachy petala M. mauritania 2.
M. Cinspa 2.
M. Pusillia 2.

If M. neglecta Wall. RVH 246 = M. rotundifolia L. other manuals, perhaps this edge is the hybrid bet. M. neglecta and M. Silvestrii mentioned RVH 4316 (see 7-14-31
6-24-31 Viciea Cracea L. Crat. 348, Bm. 86, Br 2557, B.M. C.P. 392. Fl. blion. St. 8-suged, almost 4-sided. Petals crinky pubescent. 1-flo 10-12 fr. 15-20 mm, pubescent white, apically dark, the latter 2 lobes, non-lobed, length of the (no longer) flowering tend to bend upward. Style flat. Petals 8-12 lobed laterally. Many fl. 1-suged. Fl 5-11 mm purplish-bluish. Standard has limb, claw. Same length, width (perhaps claw ½ mm wider). Very young plant. Although stem might be longer than calyx. Not at Crat. calls V. sperati L. (see 8-11-31)

6-24-31 Trifolium medium L. Crat. 348. Bm. 86 Br 116, A: 007, B.M. C.P. 4062. Fl. blion. St. not of L. All 3 stipules lanceolate acuminate except the umb. bending fl. which are marcescent. Fr. to frost. 1 in calyx edge, entire, latex found with his hotel light as "apetites" vat detail zig-zag.

6-25-31 Tenereum Chamaedryph. Crat. #136, Bm. 259, B.V. H. 374, B.M. C.P. 651. Fl. blion. Fl ½ in long. Corolla pale rose with darker spots 1/2 lines 1 hair at base. 3 lower lip. Dunkle side fl. Calyx x corolla outside and anthus in base, all hair minute. 1-2½ white alabaster in surface. Latte found with corolla dewed.
6-25-31 Anthyllis Vulneraria. L. (see 4-16-31). Fl. Albion. Dust flat, clypeus partly transparent, showing dark brown pod inside. Pod flat 5 x 3.5 mm on very slender stalk 2.5 mm. Seed one.

6-26-31 Verbena officinalis. L. CoTe II 144, Ban 258, Bug 375, Bug 868 Fl. Albion. Stigma 2-lobed; one lobe least apex, the other slight to both. Perhaps the flax heart is the 2 lobes. Stamina on style which is red slightly obliquely, the style tapering somewhat as if made of 2 parts grow together. 6-26-34 Callicarpa pekinensis. White profuse in most land with plants on normal 6-26-7

6-26-31 Vicia diversiformis. L. CoTe II 386, Ban 86 Early fl. Albion, Rd Mont Flume to V-11 farm. St. very angular (at base really winged) stout hairy 13-15 mm. angles. Pedicles 1-3 mm. peduncle angled. Largest 15 x 23 mm, 1 tetrasporangia or inf. all mucronate. Buds 15 mm oval, reddish plum. Stamens tube not very oblique. Style densely beaded in tuft at base, the stigma short 6-26-31 Campanula rapunculoides. L. CoTe II 500 Ban 199, Bug 256, Bug 767, BM CP 242 Fl. Albion. Petals removed. Gh. with below lower part cleft.
sometimes a panic.  This is C. at Mt.

6-26-31 Campanula Trachelium L. Cota II 500, 
Bob 179. BUV 1885, 1765 BUV 1919 CP 1742 Fl. Allison. Perhaps 

unexcepted.

6-26-31 Pieris hieracoides L. Cota II 420, Bob 
185, BUV 268 Fl. Allison. But this the fruiting heads 

lead to be spherical below its minor (larger) base; 

involucre hodge outward longitudinally 

making a little boat; both edges which 

would point to P. Sprengeliana Lank 

sects. Cota (peduncles not swollen at top 

base and only 5 length 3 sep) Fl. Allison 

not strongly curved (Cota) vtr. transverse 

wrinkles not visible to eye (Bob) 

Note also that upper leaf are much like ill for 

P. pyrenaeica L. Cota which evidently co 

incor P. hieracoides L. in other tests, this is 

not at all much with short bifurcations at apex of 

what is meant by "bend at 45" BUV. Heads lan 

diam. The stems frays red brown tipped in outcide, 

showing plainly as fl. expands (Common latent 

stem)

6-26-31 Euphrasia Oficinalis L. Cota 165, Bob 14 
BUV 22, 4418 Fl. Allison. Seems so the same in 

Cota. Fl. 7-8 mm, rose color, very closed at tip.
6-26-31

tips, so the sepal 2 × 1 mm seem relatively
vis only slightly larger than pedicel.

6-26-31 Allium ibericum L. Cat. 44 334; Rom299, Brit. 482. Bud. 1cm. 23 mm wide, edges
tough, the rounded back more or less distinctly
veined.

6-26-31 Heranium paradoxum L. (see 6-8-31) Flower
borders at Val-Mont here these looking as if mad.
Flw. 3.5-4 cm wide. Pedicel of fr. bent downward
(as if Jonck. Brit. 482) not pedicel bent downward
free as in H. pyrenaicum L. [Collardite
on some plants in f. M. borders. Not studied? 1933-41]

6-26-31 Agaricinia Europaea L. Cat. 55; Rom102, Brit. 487. Flw. young fr. Blin. hogfand many
part of plant.

6-26-31 Sedum kamtschaticum Frisch v. May 171
Cult. Notl Victoria Blin. Petals a clean yellow but
inflorescence reddish affected by stems
red in leafy yellow. Carpels early turning red
dish. Flw. 1½ cm across. Lower 50 foot short
spatulate. Upper lobes 1/2 x 1/2 in., rhomboidal. The lower half truncate ventrally, the upper half toothed but apex rounded or obtuse. Calyx 1/2 in. BMCP.

6–26–31 Lycimelia Nummularia. 1. Castell 536. Ber. 209, 31 H 333, 1/2. 545. BMCP 335. Fl. bluish, fruit 1.5 cm. diameter. Sepals, petals holoblast winged,附ix epidermis flattened with deep groove on each side, nearly 4-sided.

6–26–31 Hypochlorella radicata. 1. Castell 415. Ber. 184, 31 H 270, 1/2. 563. Fly. Fl. bluish. Field no. 2. 1096. 1. BMCP. Fl. bluish. St. hollow, at least in upper part and enlarging toward top. Achenes 6 mm, black. 6 mm. sepals almost 10 mm.

6–26–31 Centaurea jacca. (Same as 6–8–31) Stems as long as surpassing heads.

6–26–31 Centaurea Scabiosa. (See 6–8–31) Fl. bluish
6-26-31
Brassica aspera Murr. Cote # 645, Bot 3 67
= B. crambe, Hebe. RVH 550 F. Ghiom. ligule 3 mm. lepht. 1/2 glabrous, very rough on edges. Ghiom lemmas juxtapose towards the bar- ing edges.

6-26-31? Geranium Biebersteinii DC. BMGCP
267 Flav. fr. Cult. Val. Mars. 1 00 1 - 1 3/4 in. long and 3/4 - 1/4 in. wide. Certainly this if in BMGCP.

6-26-31? Arabis lutea Desp. (See 4-15-31). F. Ghiom. As well as can be remembered this is same species as 4-15-31. St 2 5 in. long, 1/4 in. broad. Pod 1/2 in. 1-1 1/2 in. wide, closely appressed. Pod fringes but sometimes with sharp edge. Seeds brown with darker edge.

6-26-31 Solanum Dulcamara Cote # 613, Bot 227
RVH 330, # 718 F. Ghiom.

6-26-31 Solanum Abracum Cote # 435, Bot 187
RVH 873, # 865 F. Ghiom.
6-26-31
Leontodon hispidula L. Coate II 418, Box 368 = L. proteiformis Will Ron 1874 = L. hastata L. var. bulgarico Koch A 863, Fl. Alion. Backs noding. Head on 

6-26-31 Poterium Sanguisorba (see 5-9-31) Fl. Alion.

6-26-31 Euphorbia helioscopia L. Coate II 392, Box 280 B 944, 5-49 Fl. Alion not common.

6-27-31 Cineala lutetiana L. Coate II 84, Box 105 A 11160 Fl. yepse fl. Alion. (Woodward Chamberland)

6-27-31 Premnanthes purpurea L. Coate II 488, Box 187 Early fl. Alion

6-27-31 Thesium perfersenii Fl. late Coate II 217, Box 276 = T. pyrenaeum Pyret 891 Fl. unripe Fl. Sanbula Chamberland.
6-27-31 Epipactis latifolia All. Cate III 414, Box 309 = E. Helleborine Weickert Butt 454 Fl. Blinn. Words just above Chillin [June 7-30 1961-63 if this was E. atrorubens?]

6-27-31 Stachys officinalis Franch. BM 06.363 = S. - Trev. 31-367 = S. Betonica Bent = Betonica officinalis Cate III 431, Box 254 Fl. Blinn (Chamaebatk. Calyx tube 5mm, teeth 1mm Corolla 15mm or slightly less. Exterior stamens show no tendency to curl outward.

6-27-31 Anthricium ramosum L. Cate III 374 box Phalaenopsis - lam. Box 301 Early Fl. Blinn & Chamaebatk. (See ? Q 6-12-31) 40-6-70 mm. wide. 18 in long, curved in back with "canaliculata" at base but nearly flat higher up.

6-27-31 Kranzia silvatica Duby Cate III 375, Box 44 Fl. Wolds east 9-5-34. Fl. Easily distinguishable from K. arvensis Robb. (Fl. not old enough to compare). In Slieve Cote, tooth (not divided as K. arvensis) tapering to base 1 in or more wide. Leaves 9 x 8 in. Lvs not greatly different color from K. arvensis.
6-28-31 Filipendula ulmaria Maxim. BMCP 350 & 485 = Spiraea – L. Cote II 10, Ron 96, 87-14/36 Fl. glabrous 1st saw-mill. 1st green beneath (Cote says "Vert sur blane-tomentaux"). (And BMCP 398 "plante-tomentaux")

6-28-31 Asperula cynanchica L. Cote II 257 Ron 143, 891+ 223 Fl. glabrous Path V-Mo Channels.

6-28-31 Fagopyrum esculentum L. var. BMCP 246, # 15 – Moorhead # 363 = Polygonum Fagopyrum L. Cote II 203, Ron 278 Fl. glabrous.

6-28-31 Galium verum L. Cote II 247, Ron 140, 891 226, 8748 BMCP 210 Fl. glabrous went down.

6-28-31 Colutea arborescens l. Cost. 1 376. Boy T5, B1 VC 1414. Fv unripe fr. Col. by Dr. Reinert from "other side globe." Standard marked with reddish lines at base. Wings narrow, almost erect, their tips about as high as tip of beard but (if laid along beard) see lower than beard. Style def. looked at top broom inside. Pod to 3½ in long.


6-28-31 Tenerimum securidonia l. (see 4-22-31) Buck, vehicle opened in house. Filaments deep red, the longer ones with long white hairs outside. Pollen pinkish-yellow. Calyx x corolla outside softly pubescent, 200 mm beneath, calyx x corolla with minute white globules.
6-26-31 P. apicatum L. (see 5-10-31) Fl. withering, Alt. Cote de Baut - Caux. Root (top only) frg. large, green, bearing in addition to fl. st. clusters of brown, colorless, variously united places where no root has been borne previously. These look as bad as st. It is almost as great to cast a broad, long, deeply v. narrowly ciliate teeth and with purplish brown spot in middle. El. white, 1/2 caly. Withered at base, studied for details. Need cylindrical 2 3/4 x 3/8 in.

6-30-31 Luzula nivea DC. (see 6-14-31) Fl. Anthere pale, yellow, becoming brownish only when withering and slightly (not ½ again) longer than stipules, but indistinguishable. Petals less than ½ as high as bract.

6-30-31 Viaterum album L. (see 6-12-31) Fl. Caux. Petals greenish.

6-30-31 Pedicularis hybrida L. (see 5-29-31) Fl. Reddish in your. Note: 2 folia in the pan ill. (Cote)
6-30-31 Sonchus alpinaus L. Cotat #434 = Mulgedium alpinum Lox. Box 185 = Latiaca alpinaus Rutt. Box 272 = Cicerbita — wall.

3.1K Bud January, Sulfur and purple, the long narrow tracts conspicuous.


6-30-31 Cirsium oleraceum Scop. Cot. # 375- Box 176. Fl. Hill road below Oche de Rar. Bright white or


upper half of at very high up had been lowered half since the month.

6-30-31 Crepis Blattaroides Vill. Cotat # 447. Box 190 Flv young fr. Common on foot path near Oche de

Box 195 Alcal (Cot.) not like ill (Box)
But each quipper bee. sustenades a branch
(classed with 1-2 bracts near tip) bearing head.
(See SVK 360 which suggests that monoelephaler
plants are only a form of the species.) Flies young
to count ribs. Papavers bright white, now 3mm while
achenes are 8mm in oldest head. Hulls bracts
of breaking to give effect of double involucre.

6-20-31 To Cecilia Calycella Waldert. Cote 1 577
Bon 291 Fl. Upl. ed below Cote de Bou. Loo to 5in. at to
9in. height. Calycella shallowly lobed but not def.
3 lobed.

Rochers de Naye. 120 glabrous, grey green, petunets
with stiff, brownish, applied hairs, more frequent V
dark blue towards top, but brownish calyx not
applied.

6-30-31 Dianthes superba L. Cote I 191. Bon 47
BMCP 264 Fl. Carm. Loo in middle to 5cm x 3mm
round or edges mid nerv. only visible. Calyx more
in less purplish 2.5cm long. Petals with greenish-
ting (blint) maroon with purple hairs.
Arenaria frenaria L. (Sea 5-29-31) E. J. B. 

Cauline in works, ovary to massillum. Appendage adaxial gland ridged (not fluted) from center outward, and scalloped on edge. Sides slimy or smooth except on edge where it is faintly translucent-wrinkled. Sepals widely spaced. 

edged the three seminviscous (box) only from concave. Petals often only 16-2, more often 

and with teeth rolled back. Usually ill. (Cote)

3-30-31 Bentiana purpurea L. Cote 4560. Rev. 

214. Fl. Jannan-Crête de Baun (Ident red to Cote. 

Note that dear vell Ron J. Burrell in 5-4, purpurea 

l. seem reversed with dear vell of these 2 species 

Cote.) at 25-35 cm high, somewhat hollower. Calyx 

not almost obsolete, almost entire, no teeth. 

Corolla 4 cm high, white and yellow. Corolla 

white flecks. Littoralia united in tube. Stigmas 

twisted. 1 fertile, terminating stamens in 

groups of 2-3 in axils of the 2 upper lobes below the 

stamens. The 5 nerves might be called acuminate. Vexed 

broadly acute tips. All 5-nerved. 

(bentinea. album 1-2 pollicum tips on terminal
untouched calyx in can get few flo)


6-26-31 Linaria alpina Mill Cost # 17, Bon 2. — DC Bon 2426 F. P. track above Jaman.

6-20-31 Pedicularis Barceli. Reich Cost # 57. Bon 2440 F. Rochers de Naye. Covert as a pale, slight. By greenish yellow. Turning brown or Shirley. Writers. Upper halves tend to become paler & stock the 2 lower lobes are more linear. Middle leaf broader to the 3 lower leaves like miniatures lvs. Calyx glabrous with entire lanceolate teeth ciliata, not cot quit to middle
6-30-31 Thalictrum aquilegifolium L. (See 6-12-31)   Fl. Rochers de Naye and Common on path above Jaman station.

6-30-31 Adenostyles albiflora Rehd. (See 6-12-31) Fl. Rochers de Naye.

6-30-31 Carduus defloratus L. Coat I 381, Box 177 Fl Rochers de Naye. Seems only panic. very thick and smooth to touch. Lower bracts of involucre spreading glabrous except for minute hair on edges, with 1 nerve which is slightly stronger toward apex; lip disc nearly to point but not prickly. Inner bracts becoming purplish with some rings exceedingly minute pubescent.

6-30-31 Crepis montana Tansch. Coat II 446 (= Hieracium montana Jacq) evidently = Sperge montana Mann Box 190 Fl. Rochers de Naye. Uppermost one looking with long pale spreading hairs of yellowish green.

6-30-31 Senecio Doronicum L. (see 6-12-31) 13
Rochers de Naye. Rays about 20, yellow to light orange. Tips of tracts black. Tracts involu-
cel almost entirely as long as involucre, more or less straggling. New black tips. involucre
Jewelry black (Norlerson 2007 to be incomplete.)

6-30-31 Doronicum scopeloides DC. Cota 11287
= Doronicum grandiflorum Lam. Boit 162
Sno. 375 15 Rochers de Naye. Plant about 10 in.
high, heads solitary to 3 in. in diam. Whole plant
softly pubescent with short trichs which feel gla-
brous to touch and do not look glandular in
microscope (20x). Helicoid filaments (150x) are
nearly as long as portions of disk florets.

6-30-31 Erigeron alpinus L. Cota 11287, Boit 161
Boit 237 Fl. Rochers de Naye. Surely E. V. surely this
occ. to Cota. Fls 2 on st. (1 terminal?) another termin-
ating very short branch in one of upper axils)
as in ill. Cota. Fls head 15 mm dian. Rays pale
pinkish, immorcell 1 mm wide. Exclusion
stilbular, florets at this stamen axis 5. Helicoid
(a.5) appressed villous pubescent. Ovaries Cotta
alpines but except at 2 in. 150x (Cota 37 did
not ex press in words.
6-20-31 Astrakania. (See 6-12-30) Psyoc. box x 3 mm dark blue bilae.

6-20-31 Bupleurum ranunculoides L. Cn. 1193. Fl. Rochere de Navye. St. 15.23 cm. high.


disk and 5 (all with petals) in lobes of disk. Stamens as long as petals, anthers fuscous, lavender. Styles 3 or 4. All old capsules ex.

amined 3-whelked.

6-30-31 Saxifraga androsacea. Cote III 138, Rom 115 Fil. Venriff. 12 Rochers de Naye. Stems 4.5 - 8 cm. St. & pet. pubescent, the habit on upper part tipped with daisy and lover entwined. The divisions at base Ciliate (Cate). Fl. 1 cndium. Petals broadly exangulate. 2.5 - 3 mm wide, very finely 3-nerved, white.


6-30-31 Athyrium alpestre Nylandt. Cote III 690, Rom 380 & Polyfardium — Nogeye BVT 579 Sp. Found very like above (see BVT) but appearing
6-30-31
spores small round and naked. Stalk glabrous with base often curving somewhat downward over spore.


6-24-31 Calamintha alpina Lampl (Sec 6-12-31) Fl. Rochers de Naye 1 be. Jan. 8. Cot. de Bas. Corolla pub. outside, leaves lip inside cinnamony marked sometimes with bright white.


6-28-31 Dianthus silvestris Wallf. (Sec 6-12-31) Fl. Rochers de Naye. Plant to 6 in high. 1/2 in. wide. Calyx 2 mm. wide. Of six floss, come tuft, 3 lead 2 bracts and 3 lead 4 bracts.
6-30-31 Epilobium trigonum Schrank Cat. II 79, Bon 105. Fl. Roches de Naye. Lives in 30. Etm. with 3 pubescent linear. (Found later with 3 in 40)


6-30-31 Vaccinium uliginosum L. Cat. II 204, Bon 201. BSH 2 89. A 6 40. Fl. Roches de Naye [7-4-34] Fl. young. P. R. N. Note shrubs leaf Clover are At. 7 younger. Melted in V. Myrcillus stopp young fl. is very.

6-30-31 Salix reticulata L. Cat. II 266, Bon 287. BSH 4 28. 9 fl. Roches de Naye. Petioles redd. Cattain
6-30-31
Catkin peduncled, opp. uppermost fl. with bud between; dead (Ber.) plant usually divided into 3 narrow, sometimes toothed at top, leaflets (See note) scale vestigial red.

6-30-31 Salix retusa L. (See 5-29-31) F, f, and f.
Note that while f have only 1 gland as live 5-29-31, f have 2 glands. Distichic leaves in front and below the flowers.

6-30-31 Ranunculus alpacinus L. (See 6-12-31) Fl. frequent Rochard de Naye eastern ridge.

6-30-31 Veronica saxatilis Jacq. Cote 14739 which must equal V. fruticosa Jacq. Ber. 346, See XI 598. Fl. Rochard de Naye. Calderas fallen when studied. Stamen 6, but deformed, decurrent & pet. resting, throwing up, between fl., 5 to 6 mm. There with numerous few 1-2 pp, closer and smaller at base as in all (Cote) has obvious nectar, scarcely frilled, entire or with 1 or 2 acumen teeth on each side below this rounded or obtuse apex. Plant nearly glabrous below, def. downy above with anthers.
not glandular. Capsule 1.45 oblong, not tall
erect. Style 3-6 mm. long. Length 60-120 x 4
mm. Protrudes in V. Intermediate by Bon 235

6-26-61 Asaricum arisata Scop. (see 4-15-61 V6-26-31)
Euripus. Rochers de Naye. Same as the same as
found commonly around Val-de-Tris.

6-30-61 Helianthemum italicum Pers. Cot 7.189
prosp. = H. bellanducium DC. Bon 36, which = H
alpestre DC. SKI 153. (See 5-29 V6-12-31) FL Rochers
de Naye

6-30-61 Aronitum Napellusb. Cot 7.152. Bon
11, B0144, BMCP285 and Rochers de Naye.

6-30-61 Acris globata L. (see 6-12-81) FL Rochers de Naye

6-30-61 Acris latifolia L. (see 6-12-31) FL Above
Critically. Basal. Herbaceous part. Inflo with more odor
strong papillate line.

SVKI 150

angustifolius Curtis nse escurestras (Hure)
6-30-61 Narcissus tazetta DC. (see 5-12-31) FL. Nearer
above. Needs ± over black, smooth, shining.
6-30-31 Myalinia odorata Sears. Cast. II 223. Rom. 134
Bw. 204. BM. R. P. 576 F2 not quite ripe, indistinguishable from Cast. II 223.
From Cast. II 223, prob. above a bend in Cady Brook.
F2 to 23 mm long. Dull, grey, ill (Cast. II 186) ill.
Bw. St. glabrous below, pubescent but not ridged
Leaves softly pubescent both sides.

7-4-31 Solenocasper Hill 8 866. Bw. 378. = S. — all
and toward Sonchus. Achenes brown, 2-2.4
mm long, thin edged with 3 faintly longitud. nerves in each side, otherwise smooth.
St. 5-6 high. Peduncles hairy glandular hair, and a pedic in v. Pils pale yellow. Aneicles
Fl. & F2 rounded. F2 with S. Achenes. Fl. 1.5
Dark green, more quickly, less divided.

Spikes 3-4 mm. Henne. minutely scabrous,
pale, faintly 3-nerved.

7-4-31 Melilotus officinalis Linn. x 376. Rom. 76
Bw. 398 = M. arvensis Wells. Cast. I 333. Bw. 113
F 1 young fr. Caux. 42.5 cm. long (which rule not M. indica 
all) and upright but more erect than M. altio-
ennis. Tull, also pod not pubescent. Plant 
almost 3 ft high. Dipping length of pedicels really long but 
not more. Very young pods show traces of an 
leaves sides very pale edge broad. Peduncles usual only 
because softest but pale early. Sepals con- 
ed, entire (very narrowly lanceolate late vaccinum).

7-4-31 Calamintha ascendens J. D. Cane 8786 
 Sheffield. Calamintha ascendens subsp. nepeta. Big 
 NH 570. See also Bot. 249. Bot. 365. 8906. St. 
 Fl. Val. Mod Station. St. branched. 1.8 to 3.3 x 3.3 cm. 
pedicels to 1 cm, but upper ones pedicels smaller. Ped-
cuncles usually rather longer than pedicels but 
much stouter than if. Calyx 9 mm. overall, teeth 
very unequal, the upper 3 strongly recurved, de- 
pubescent verticillate, hairs in cluster varying from hairs 
vrines not included. Corolla surpassing that 
by 0.7 to 10 mm. to 100 in part.(5). Pale rose-like, 
the lower lip colored dark red or white, Corolla 15 mm. 
overall. * 18-21-33 should not this be alp. ascendens 
BIG. ? Niristis C. Sirrieh J. March ? See 8-31-33

7-4-31 Epiobium rosmarinifolium Taeseki.
7-4-31 Haenlein Coate II 77. Bem 104 = F. Dodonaei. V. inap. Seiling & Tellung. SUI 1466. Bud. Caux 1'd contoured toward Donelkau. 9cm leaf. Stalked at base fascicles in axils throughout. Plant gray-green with at. pinkish pubescence with herb silk oppressed white hairs from small leaflets. Leaves at each end, narrowly toothed; the largest 85 x 35 mm.

7-4-31 Clematis Vitalba L. (see 4-29-31) Bud. Schnir.

7-4-31 Vicia silvatica L. (see 6-6-31) Fab. unripe. Nucleus almost 3/5 circumference. Jre.

7-4-31 Coronilla Emerica L. (see 4-25-31) Jre. Jre.


7-5-31 Rumex alpinus L. (see 6-12-31) J. A. C. V. F. C. 56 y. R. obtusifolius. P. Auctna.
7-5-31. Solidago virga-urea L., Cat. 538, Rom 166. = S. Virgauresa L. ROM 233 Early S. James Station. St. 6 lin., stiff erect, rigid, flat to a pubescent. Fl. heads 17 mm. in diameter, about 10 cm. long, each disk 7-5 mm. Beasts with somewhat flutted white edges sep. at the broadened base. Anthora not fostered. I saw part much like ill (B&W) but in narrower heads relatively much larger. I saw only two in Costa. Acalene (A.S.) slightly pubescent.

7-5-31. Ranunculus aceritfolia. (See 5-12, 27, 31). Unripe as James Station. Acalene differs from ill. Costa in that body more or less bent forward is rarely as def. Curved an ill.

7-5-31. Rhytisma aciculatum. (See 5-10, 31). Fl. James, Fl. yellowish-green, white, def. hollow, ridged, laminae ciliate on the enlarged base, style hairy on upper part. St. 4-5 cm. summit at upper base sessile, narrowly lanceolate, the smallest being all legs with secondary nerve prominent beneath. Rhyzome leaves from 1 1/2 in longer than wide. Beasts narrowly lanceolate, not as if a ten dentate as described T. Halleri. All but some had other color more like this than like R. aciculatum. (Still a mystery)
7-5-31 Veronica fructiculosa L. Cat. II 80
BM 236 sub 593. 39 N 34° 6' W. young fr. Dentde
Jamaic. Flw. 12 mm. sparsely pilose with hairs
Carmine lines esp. on upper petal. greenish
yellow in center. Flowers? V. saxatilis 6-30-
31 to see is smaller (30N). Ed. otherwise with
V. saxatilis 86-30-31. Plant still female green. 12
has tapered vis. more nearly pilose at base, acute
instead of rounded. Sep. tips slightly rolled
forward on midnerve instead of flat and
rather erect. Upper petals esp. pedicel & calyx
glabrous. pub. sh. to be reddish. Styles 3mm

7-5-31 hyssopifolia repens L. Cat. I 1879
BM 46. AM & P. 265. 57 & Fl. Dentde Jamaic. Styles 2
and calyx cut to about 73 of length from top. (If
not this only other one. seems Hesperocenia
polygosperis Meisv. sub Cat. I 216 = M. citata
Balla Form. sub 248 and pub. = Eriogynia ploygo-
side Wulf. 16849.) St. creeping, slightly under-
ground, almost woody. Upright at about 12
in. linear, glabrous, glaucous, thine at base
2-flowered to about 18 x 7.5 mm. pointed
at apex (and perhaps at base); thine or st. shorter;
al thick. the 1 mm. of thin green. Pet and
mid 10 cm. but (45) with incurving. Calyx x
4 mm high. Tube hot, lobes pale green & translucent, lobes green with broad white edges. No nerves visible outside or inside. Petals extend 2-3 mm above calyx, white blotched. Calyx about 9 mm wide. Petals usually 5, but 4+6 found. Stamens twice number of petals, anthers purplish. Petals of lanceolate, truncate or slightly emarginate at apex, narrowly base. Capsule usually black, has very short carpelles (see 7-22-31) 18-14-33 seems to make up this one that this not separable.


11?
7-5-31 Campanula carinula Lamb, Cote 701
Bon 199 (see SVK 1659-8) Fl. Jaman. Stem erect from same root, decumbent at base & raised for 1/2 in with many lf. ears, thin ascending, 2ft angular & glabrous, 9 in length. Very lzy with long narrowly lanceolate, to 36 x 5mm, overall narrow at the ends. firm, dark green, glabrous except for few hairs edges. entire w
7-5-31
with occasional teeth. Fls in many panicle dark blue, 1.5 cm long. Calyx glabrous, its linear lorate about ½ corolla. Corolla lobes not curved backwards. (No other poss. in Cate. But see 7-25-39 as poss. of this being C. Schnueggeniell.)

7-5-31 Valeriana officinalis L. Cate. 7.36 x. 7.47 x. 43 cm. 104. Q. 736. Fl. Jamann. Lfts usually 19 and 1 cm wide. Sepals in a pentagon some 12 mm. 133 in. high.


7-5-31 Saxifraga mosaica de Wr. (see 6-12-31) Fl. Jamann. Seems same as former specimen except that leaves not divided. Perhaps a more slender.

7-5-31 Cerastium arvense (see 6-12-31) Fl. unique. Fl. Jamann. Pedicel about 1 mm, slightly curved upward.
7-5-31 Draba aizoides h. (See 5-29-31) & Dr. Del. 8.5 cm
Pat 4x3 mm, at 6-12 mm. Seeds 6-7 in each cell.

[9-17-34. Elvfr. Redol.; sep. diff. exactly as desc. S111.579 except that fr. has aemulas basally sym.]

7-6-31 Polygonum aviculare. Cote II 207, Bon 204
for Suisse (See S111 311). This is correct in all but
all its parts are large, 1/2 to 1 x 1/2 in. Flowering period
4-8 months all lower being 2 mm. Desk 3+ mm.

7-6-31 Parnassia radiata. H620, BvH 203, Bon 1285
at center deeply grooved.

7-6-31 Tilia tomentosa. Wren. BNGCP 482
And, Trees cult. in front of Nat. Church. Alion. Tomentosa
on the limbs. Sulf. red. very closely appressed
stellate, white on br. slightly yellowish elsewhere.
Trace of stellate pubescence on the dark green upper
side. Inf. axillary tufts beneath. Petals like stamens
ideas 5. set. atame of stam. 4.5.
7-6-31 Verbascum nigricum L. Cote I 622, Box 229, BM H 337 Fl. Alb. Corolla 2 cindian, inconspicuous, narrowly oval, purplish base. Hair on st. lvs etc. translator in stalk.

7-6-31 Convolvulus sepium L. Cote II 571, Box 317, BM H 317, A 671, BMJCP 610 Fl. Alb. Corolla pure white. Diaph yellow. Lvs, on upper part 1st collected, 3 x 1 in.

7-9-31 Papaver Rhoeas L. Cote I 679, Box 12, BM H 19, BMJCP 298 Fl. Alb. Diaph Callipogon.

7-9-31 Helianthus helianthoides Sweet. BMJCP 767. 48 to Fl. Cult. Var. erect. (Cut from field) Sunday 11. this spec. does not show many peculiarities. Rehd. Ancistrochilus [?]. 5 is entirely smooth but lvs rough on both sides. Rectangle to 2.8 x 2.9 mm, narrowing at base and somewhat at apex (is might be called 8 long) Bracteole [?]. about 13 mm long, the lower half thick tightly appressed (as that facts look united) the upper half of about 4 mm wide, spreading with nervous undulate edge from inside. Sealing receptacle with fleshy yellow tips, showing short unopened disk Fl. wide pink. 5 x 5 mm. short of bright deep yellow.
7-10-31 Androsace alpina Lamb. Cote I 528, Bon 207. Fl. From Engadine. Lower lip 3 mm, slightly broadened at tip. Corolla about 2 mm, medium, pink, eye yellow with slight scallops.


5.5 cm. high. Calyx 5 mm, long, pedicel 1 cm, less than 1.5 mm. Styles no more than 1/2 style. Pedicel 19 mm on stem. Pedicels 2 mm, bracts 3 mm. Lifts 13-14 pairs, the largest 6 mm long, stipules pale (Cone may not bit 80 if multiplied correctly 22 eyes). Plant appeared hairy but not velvety. Hands reddish. (Date 7-22-31)
7-10-31 Lysimachia auriculata Reichenb. Cate. III 310, Rom. 296; FH # 497 Fl. Engadine

7-10-31 Niagresina nigra Reichenb. Cate. III 405, Rom. 312, SFK 166 Fl. Engadine (but see also the N. rubra Reichenb. SFK)

7-10-31 Primula integriflora L. Cate. II 524, Rom. 266 Fl. Engadine. Corolla limb hairy at base inside

7-10-31 Gentiana laxa var. varia L. Cate. II 566, Rom. 315 Fl. Engadine. Cf. with G. vernah (Sen 7-22-31)

7-10-31 Veronica saxatilis Jacq. (Sen 6-20-31) Fl. Engadine. Corolla 1/2 "man blue" reddish at throat.

7-10-31 Galeopsis tomentosa L. Cate. II 114, Rom. 252 FH # 369, # 697 Fl. Alpes-Montreux. St. 22 in high, much branched. Lower part just scarcely branched. 4-sided stem 4-sided. 4-sided with band. Rather light in top, colored smoother in
texture down middle. Lower veins impressed above prominent beneath, oblique-angled. Villi pale Cordia crimson with 2 white spots on lip and white yellow at throat, the median dilated upper part white striped crimson-white. Cutters with under valves red, etiote (20x).

7-10-31 Erythrina Callianum Pers. Cate II 534. Bo. 213. Bv. 121 = Callianum umbellatum Wil. 651
Sv. 1524 Fl. Klein - Montreux. St. 19 cm. Basal lobes 1.5 - 2 cm wide. St. 1 cm. Fl. 13 mm across.

7-10-31 Torelii arvensis Lindl. Sv. 182 = Trifolium
Hf. Bo. 125 = T. helveticum Scm. Cate II 164 =

7-10-31 Origanum vulgare L. Cate II 84. Bo. 238. Bun

7-10-31 Erythrina caudensis L. Cate II 376. Bo. 16
3-16-31
this seems to be on that plant that plants in Manzana (4-1881
10-8-30; 1-16-31) all Coryza antiqua. DC. Note: lower leaf is at least 3-nerved (with secondary nerves
branches) while C. a. (Cate II 292) has lower branch
and 3.5 mm broad. This has invol. glabrous
while C. a. (Cate) has invol. pubescent, hairs in at. 8 loc. jointed (20x) aulce. Cate 239. no. Erigeron
Heads 3 mm high, 2.5 mm wide, 2nd more
less long on surface but all esp. lower
mes conspicuously ciliate to c. 20x. Panicle
no branch more than 2 in. Heads + branches on
pedicels 3 mm or less. Heads up to 8 branches at
tip 1 in. on pedicels longer to 10 mm. Long
definites (20x)

7-10-31 Epilobium tetragonum L. Cate II 79. Bar 255
Bull 157. FLV reique. Cate II 280. Most
longest
ped. 2.3 in. seeds def. tuberculate (20x). with
At least 2 ft. as ill (Cate)

9-10-31 Corydalis lutica DC. (see 5-10-31) FLV fr. Pedicels
to 2 mm, longer to 15 mm. and pedicels seem always
shorter than pedic. (Cate says equal). Mef thistched
with prominent nerved or each nerved (perhaps
other Hesper nerved). Crest stiff as long as round?
7-11-31 Lysimachia punctata L. Cat. 536
RU 302, #645 RM 3:585 FL. Culturgarden
north of Baino Alder. Herb plant of the land
and recent. Land hugs the hillside beneath. Cultiv. in
bland, total leafy glandular but not 'ilis-
frangos'.

7-11-81 Ranunculus Flammula L. Cat. 726
RU 8, #395 FL. Mossett. Root of basal leaf and
not collected. St. 1 ft. high, hollow, glabrous, ridged
bunched with 2-3 lingual basal leaves from lower
axils. Inv. tall green, firm, leaf glabrous
but has short, stiff, barely apparent hairs
pointing upward. Inv. lanceolate to linear-
linear. Leaf blade, long, falcate, entire or slightly
serrate, acute, the lowest broadest near tip;
and narrowed below (into what small form
be called a petiole), clamping about 0.1 cm;
itself becoming oblong, narrower more
nearly linear entire. Peduncles nearly
ridged, glabrous or with few hairs like lip
Calyx with hairs like lip, sepals cadascum. Florets
1/2 inch long. Petals 4 petals with ridge like lip on
lower side but no def. surpassing scale. Recept.
calyx glabrous. Abundant flowers not abundantly numer-
as. 1 or suggest ill (Cost. 130). In March when
Epipsche palustris
7-11-31 Senecio Cordatus Herb (see 6-30-31) Fl by July above. Gains' Hill. 5 ft tall; flowers 1.5 cm wide. Cfrd with 6-30-31. Less , rumors of man because growing in wet soil. [9-3-33 Plants deeply pitched to see SDT 692.]

7-11-31 Arnica montana L.Carte 197, Box 162, F. Field above Morettes. Pubescence of soft white hairs on brown-glandular hairs.

7-11-31 Epipactis palustris Creutz, Carte III 183, Box 309. Bn 17 X 34. Fl Marsh at Morettes. Petals almost white with tinged crimson at base. Lower section lip beuifully veined crimson with a broad band of yellow down the center. Infructescence base juicy greenish yellowish and outlined in yellow. Fl. attracts sometimes as long as ft. [6-28-33 and 6-76-34 Bark in marais Villefranche - Romainet. 7-19-33 common, half full. 7-18-31 high. 7-18-34 fl. almost white.]

7-11-31 Lychnis Fls. Cuculi L (see 6-17-31). Flns in wet spots. 2.5 cm. Fls. Red, 1.5 cm. Petals in long narrow leaves.

7-11-31 Dianthus superbus L. (see 6-30-31). Fl. Petals - 1.5 cm.
7-11-31. Chrysanthemum Caryophyllum L. RM 19441070 = Leucanthemum. St. Coët. 1345, Con 166. FSt Cult at hotel Les Pliéades. St def put; bro put on non below values on surface (20 x 15) 1-2 cm wide. Hence perhaps the form L. Poirédiif. Faint (Costa). St def. 4 in diamond closely packed (giving effect of Achilla but clearly not A. because receptacle reduced and presence of 3 leaves not attached with cup-like peduncle. Each ft 1 cm diam, rays broad (diverticulate) 5cm 3 toothed scale the white, but dark because stem or stigma presents adult yellowish appearance. Leaf to 9 x 5 cm cuneate to oblong in lanceolate, deeply toothed (not entire) segments. Needs hulkid Coët 33, 34, 36, C. c. c. c. 80, gland dotted both sides. Older strong. Has form plant. St 8 may short articulations often with every fine tips.

7-11-31. Anthemis Cotula L. Coët. II 345, Con 162, AVH 242 & 846. FSt. Meadows about hotel Les Pliéades. Seems only poor, the odorless, 2 oval 3 pinnate, the ultimate seg. short narrow. Scale ray narrower, pointed, shorter than ft and not found near circumference. Rays usually have something in may stigma but perhaps sterile. Postman going to study.
7-11-31 Carduus personatus Jacq. (See 6-20-31) Fl. gen. Daint & Ellis.

7-11-31 Cynocerus Cristatus L. Cate III 629, Bon 365, Boh 555, 4154 BM 1912. Fl. Les Pleiades.


7-11-31 Eriophyes american latifolium Hesper. Cate III 468, Bon 365, Boh 514. SV 1.93. Fl. Wet places of Les Pleiades. Pedicel 1-7 cm, all reddish, some scabious in pub. others almost glabrous. Tepala 13-15 mm, reddish. 3-4.5 mm broadest at top near leaf, rounder apically. (See SV.) 1 flat 4 mm broad. Scales thin, 1-2 nerved, green, blueblack toward apex.

7-11-31 Calamia rotundifolia L. Costa # 542. Bo.
139 Fl. Les Pleiades or Messeté. Exactly like ill (Cota)
1.9 x .05 mm or smaller. A decumbent flat lance with
erect branches.

7-11-31 Lychnis dioica L. (See 5-29 Vs. 11-31) Fl. Les
Pleiades. Capsules 1 cm high x about 1 cm in diam. with
wider mouth x 10 tightly rolled back teeth. Seed dull,
tuberculate not concave on any part.

364, Bo. 562. BM CPC 121 Fl. Les Pleiades meadow in
hotel L. very acuminate. Fl. deep dull purple. (See 9-3-31)

7-11-31 Luzula silicaica Hand (See 5-10 Vs. 23-31) Fl. Les
Pleiades or Messeté. Seeds (20x) have nodal tubercles
at tip, but what looks like a slight puckering or
interstain.
7-11-31 Centuncaria distica, Loef. (Sec. 6-5-31)


Q. distinguished from Trichophallium baua (see D)

head divided, & papillae capillary until At may

not fall in rigid. papillae thickened & bespots

at tips, receptacle elongated. Nasc. in mostly

withered leaf each at a side from horizontal

stolon). is throwing out at lower horizontal styles

with apicate tips. These l. 2 cm oval by 5 mm

wide, densely white. Caterp. beneath, less robust

not green above. 3.1 to 27 cm, 5 to 17 cm, all

ample, slightly erect. This linear, erupted, etc.

heads more elongated to 10-12 mm, broad.

white not spreading. Heads now 5-6 mm high.

tracts white, broader spreading.

7-11-31 Conium Carvi L. Corte F 209, Bon 132, Bot. 191

filiform segments (as in f) at base of leaves (Corte)

7-11-31 Daucus sylvestris L. Bot. 578, 319 = S. silv-


Juncus silvaticus. Richland Cat. #757. Les Pléiades-Montettes. Can be nothing else in Cate since per div are almost equally ex- umbinate, and at least sometimes, inner div. slightly longer. But outer div not "terminated" per one article in Bnr 331 deal J. — Rich. SVT I 139. genus correct name for this species J. acutiflorus Ehrh. (See SVT I 139). articularius 1 = L. lamprocarpus Ehrh which seems to differ from Deal Cate. See also Bnr 487, G277 for articularius. Membranè small (about 8 for Cate) perianth brown 3 mm long. Stamen 6, about half as high as perianth. Anthers about 6 mm. Capitulae slightly longer than filamen. Infl. brown, exactly like all Cate J. silvaticus. Inv not. hast with inconspicuous tip 2 cm or less. Query: was this not J. lamprocarpus.

7-11-31 Nardus stricta 1. Cate #694, Bnr 371, BS# 545 E. Pléiades-Montettes. But here Culmus confi- ned by short inflected pointing spreading hairs Culms 14+ long.


7-11-31 Tofieldia Calyculata. Walchii (see 6-30-31) immature. Les Pleiades backside.

7-11-31 Rosa glauca Pouch. BMCP 346 = R. multiflora Vill. Cote II 55, Box 101. SVKT 384. Fl. Les Pleiades back. Host. Young at first palish very glaucous (blm. sub. 57). Pet. glabrous or only hair on shaft reddish virginal edges. Stalk entire 0.5, 0.3 with few appendages, all slightly enlarged at tip, downy edges v. inside Plant otherwise glabrous. Ss. deep. pink, thorn few, often lacking. Stigmas 5, petals ovate, slightly recurved downward, not def. Hosted. Stipules of len. under infl. enlarged.


7-11-31 Salix albitruncata L. Cote II 345, Box 142 BVRH 231 Fl. Les Pleiades-Nonette
7-11-31 Solidago virgaurea. (See 7-5-31) R. Les Pléiades.

7-11-31 Helianthemum chamissonis. (See 6-9-31) R. Chamroux. Non-roman-pale red disk. Capsule almost = re-pale, opening with 3 valves (loculi) seeded many, not quite smooth (pointly tuberculate in longitudinal lines) Pedicels strongly reflexed.

7-11-31? Crepis salicifolia Moon. Cote II 446. BvH 276, evidently = Segetaria — had Bon 190 unique frs. Les Pléiades-Mossettes. Difficult to be sure of member frs machine (alumlede 10) [See 8-6-34]

7-11-31? Alyssum plicatissimum. Frere (See 8-37-31, R. Mossettes by root through in field and went 7 holes 5176-31 in high-rose under. root (decumbent) rooting in mud, glabrous (fully with silvery when studied) Short (about 4 in) rather abruptly pointed, glabrous, somewhat rough on edges. Sheath closed almost to top, the leaves one enclosing lower part, not inf. Snode long, decapitated with top 3 calyx and perhaps distantated at each node. Inf. consists of most part 8 branches at each node (strongly spreading or reflexed) and 1 pedicilled epichile (erecstic).
closely appressed against the slightly flattened, corky, red rachis, but the lower nodes may have 2 branches x 3-5 spikelets (pedicel red varvish) and the uppermost nodes bear only pedicelled spikelets. Branches 2 1/4 - 1 1/2 in long, bearing spikelets at various points along the branches, about 0.7 to 0.8 cm. Glumes scarious (yellowish) 1-nerved, very obscure, not at all lower glume 1.7 mm, upper glume 2.5 mm. Lemma convex (not pedicelled) 4 mm long, 7-nerved, not quite erect, with apex obtuse, 7-veined. Palea practically as long, broad, 2-keeled near edges. Styles 10, filiform, st. at base 5 mm, green. Basal glumes some form. L. fluitans.

F: 3r. No. 4558, Nov. 5 61, 1 157. = Pra. fluitans

29p. No. 4558

7-14-81% Rumex sanguineus L. Cat: II 199 S49
I: 308 = R. pensylvanicus Selwood Box 372
Bo.t 395. FJ. alumn. ripe. blion (road east of V. M.) Panicula 2 to 3 long each branch 1 and at base 7 to 2 1/2 bracts but not ft. bracts or bractels. leaf in 1 or 2 petals longer than others. all give promise of being equally tubercled but none to the largest petals only show large whitish tubercle (petals length valne are 1/2 breed) while others have tubercles hardly developed.

[Handwritten text with various scientific entries and notations]
7-14-31 Developed. Pedicels articulated very near the base. Unnoted. (see 8-10-31)

7-14-31 Lonicera Xylorrhiza L. (see 5-16-31) F2. Fls. crimson red but more open than red glandular hairs barely joined at base. Petals red, petals persistent, the latter now red.

7-14-31 Stapylea pinnata (see 5-18-31) F2. Shrubs in grounds of Temple, fls.

7-16-31 Lathyrus silvestris L. Cost T 402, BM 89, BM CP 378 F2 Road fls. thin - slender, strap-like beyond Cape de Narcisse. Stipules ½ in long x 2 mm wide, not fringed as in L. californicus. Fls smaller, more flabellate, leaf green, standard green-reddish, but "green apart in back" not as deep as suggested by BM and BM CP.

7-16-31 Mentha spicata L. Cost T 80, BM 248, BM CP 645 = M. longifolia Hede. BM 358, 6710, BM CP 576 F2 Road fls. Thin, less Anita, by fruit, distinctly beyond Cape de Narcisse. Whole plant softly hairy, leaves longer, narrower than ill (Cost 207) to 9/16 x 1 in. Pedicels sometimes 5 mm.
7-16-31 Cerastium aculea, All Own 177-395, Bov 176 BVH 263, Fl, Path, Caux, - Les Avants, Les sommet, pubescent both sides, heads 1-4, involucral phyllae except for slighlty thinner in edges, lower bracts thicker, at the base 1/2 these, middle to tips, inner bracts much longer, than purplish, all with tips, appressed.

[8-6-34 calloa show much shorter than tube SUT]

7-16-31 Erneapetrum obtusangulium Rech (see 5-36-31, Cuyj. welldescribed. Pods ± 3cm, which seeds 4mm, without no acies at base, Newer on valves more prominent than edge of valves, Fis 8-9mm high VIH mm. spreading.

7-16-31 Lonicera Cahtaiscinum L. (see 5-39-31, Fl. Xan. Capsules ± 3mm long = sepals, false sepals incomplete, ovulate. 41 sepals, somewhat glandular on edge

7-16-31 Cerastium arvense, Scop. Cat. 177. Bov 177, Bov 175, 4858, SUT 703 = Cardus arvense, RFS BVH 261 & fis. Alion. Heads of about 20mm high x 15mm across, invol 10 mm, thin near base, x scattering to top. Bracteae appressed, the outer with elongate trilobed at apex, and small, involute tips, stigidia spreading. Fis fragrant. Popluns Hammann. [7-28-34 fis Alion. Popluns 5-8 much longer than calloa. SUT]
7-17-31 Lychnis Flora. Spur Dear. Cate 183, Bon 43, BMCP 269. Fl. From Enagadine Flora. Y. India.


7-18-31 Rheedea lutea. (see 6-10-31) FL 618 unripe fe. 1/2 station Tertiary. Podosperm 1 cm long, o. Stephapodium and the seeds not yet black.

7-19-31 Parietaria officinalis. Cate 144 347, Bon 284, BMCP 414. Fl. Aboven. St. upright, erect with slender branches 1 to 6 in long from lower axil. Simple towards top. 1 to 2 inches, equally long, uninnate at both ends. Petioles to 1 cm. Stems were not decurrent. Hence this is P. cretica. Mon. Cate 144 247, Bon 284. P. officinalis L. 204.

7-19-31 Bupleurum falcatum l. Cod. 205, Bot. 182, Bot. 195. Early Aug. Not set. V. M. Churn. St. 60 cm high. Leaves brown (Cod. and Bot.) to 16 mm wide. Dorsal leaf narrower until uppermost are 3 mm wide, with nerve very near edge of merging into the somewhat costate margins. Black involucre 2.7 mm long x 1 mm wide at top (slightly narrower at base) narrowed to fine from that apex.

7-19-31 Allium ceratium l. (See 6-26-31) / Fl. Alpin. Pedicles not greatly unequal, the longest 3 cm.

7-19-31 Circumst tuberosum All. Costa 1E 078 S.U. F. 19648 = Colubrinae De Boer 1976 = Conchaer tuberosum KPN 1963 Fl. Amadea Cape of Narcises. Seems to agree with nothing in manuals. Stems 7-8 in high. Pubescent, neck 2-4 in short pedicels. In groups, each head subtended by several bracts like those on st. reaching to top of stem or beyond but not at all hiding from head. Head 3-4 cm high x 4 cm broad. Yellowish white with orange to orange red. Stems same color as pediciles. Deciduous, depressed gently glabrous except slight hairiness on edge, not at all woolly with no thickening toward tip as in C. arvensis (7-13-16), or. Stems very like. C. arvensis (7-16-31) except that they come more nearly facing right down instead of being turned. Stems 3-4 cm. 4 sides, stems all 2-3 cm in almost as broad. At base side 1 somewhat clasping, not much at base more upright. Bases 1-2 cm with petioles. Petioles slightly curved. This cut var. C. arvensis or. C. arvensis. (See 8-1-31)

7-19-31 Vertica dolica L. Costa IV 1043. Bon 384 347 4 348 F. H. 418 & 348 8 fl. blion. St. red above, pubescent with white hairs (repabre) and freely covered with wings in blossom 3 times long.
the lower part is considerably thicker
and prob. is articulated to the upper long fine point.
Petiole almost a quit. Basal part to middle
of (4 to 5) or part. Both sides in addition
to stringing tendrils like those on st. but
not "down" (4), ovate, slightly obovate, ac-
nimate. Petals about 20 (here more in these
notated) on each side, those at base very much
those toward apex large with upper edge
almost perpendicular to mid. line, terminal
of tooth slightly narrow. (Cf. with decc. gracilis
of 3:48) [9-8-34] V. Velleman Pet. are usually slightly longer than
leaf blade. Note both. Sometimes pet. slightly obovate.

7-19-31 Eryngium SPECIOSA. Cate I. 192, Box 24

7-19-31 A. Milleri. Cate I. 354, Box 169, BvH. 389
# 9x45, CMC P 257 Elv. Glen. Reeds mostly pale with
3 green nerves close together down back. Dish corolla
formerly ciliated (family factor?) color, say
upper surface. Red dotted. Edges flat to pale.

7-19-31 N. splendens. Cate II. 183, Box
128, BvH. 203, # 621 = N. 1 caps splendens. BvH
from # 621. Elv. young fr. Glen. Involution 45 x 50.
7-19-31
merald eothers almost filament tracts. Dulseckcavines

7-19-31 Tagetes patula. BMCP 278. F. Cynthia. Calyx not gland dotted. Lobes of disk corolla very
early inside. Most herbs same yellow as corolla
but those at tips same red as markings on Cape.
Scales of papules ciliate; cut on blunt tip on whole
length of those (when unarmed)

7-19-31 Malva silvestris. Cote 1286, Bot. 55, BMN 96
2-96, BMCP 487. (See 6-24-31) F. v. murietae f. Thin
edge; woods at Planecron. 2. C. M. E. Strumlfeld.
Anthers v. stigma dark purple. Flower white. Carpels
beginning to show wrinkles on rough. Axia about 2.5
mm. drawn & conigo at top. Petals slightly reflexed
visible towards base and claw broad. Also Deca.
6-24-31. Hairs on st. sometimes def. Staring. 1.73 (at least
upper ones def. 3.5St (middle St. longest) with
2 mean usually less def towards base.

249, BR 337. F. Young fr. week in Dr. Rendel's yard.
Not from Dec. BR 19 in that only purple in fls or anthese
bracts more green, yellowish at base, sometimes joint.
by brown.
9-26-31 Melilotus alba. Dear Cat. £ 324, 13 U + 12, 9570. BM + CP. 70 = M. albus. Dear, D. K. 978 = M. albus. Bon 76, FL 1, minute fr. filum. F. white, 4 mm, sweet-scented (BM) or "very sweet" Cat. 1, Bon indistinct. Odor: 4 mm. Long. Stipules not to exceed 8 mm. Long.

7-26-31 Vicia dementiformis (see 6-26-31) Fl very advanced fr. Largest pod 5 x 1 cm. Bilateral almost 9/4, 4 fr.

7-20-31 Ceratites Avellana (see 4-23-31) tv. close fr, thin. Nut exposed.

7-20-31 Ceratites Tramica (see 8-35-31) tv. yellow fr. Max. 4 fr.

7-20-31 Dicentra Carlow. Cat. £ 324, 13 U + 24, 97 + 308, 4623, SKT 504. Fl very young fr. filum. (SKT II 366, generally other Dicentra, D. nemorus, deep advenetion)

7-20-31 Silene sitchensis (see 5-23-31) Fl. thick, robust. From high, the 6 rays small, teeth erect. Inflo. bracts stiffly erect, not at all nodding.
7-21-31 Sarracenia purpurea. $49.50, 144 fl. Col. marked Pleiades. Brought by Jeanne (Chambermaid)

7-21-31 Eriophorum Scheuchzeri Hoppe Cote 44.67, Ron 325. SxHT 93. Fp. "From Dent du Midi." Brought by Jeanne. Only culm & head cal (no root, sheath, or fls.) but plant because culm is about half (2.5 mm) diameter and not at all 3-angled at tips and sheaths do not tann. Fls. 9.8-4 mm. (Note 8 ft. H. to no distinction bet. fpr. this & J. E. vaginatum.) St. hollow. Head none, 2.3 mm high.

7-21-31 Arnica montana. (See 7-11-31) Fl. "From Dent du Midi." Brought by Jeanne. 2 small of plants or at least no roots but collected.


7-21-31 Nigritella rubra Richlieu. SxHT 166. Fls. not with all fls. (no root) sent by Mrs. Randt.
Galatia

from Col. Sackett's. Diff to 2.5 x 1.5 cm univernal; flowers
unisexous-cylindrical, better than sphaerical. Costal
calyx slightly red than remember of N. nigra. Petals
little green, trumpet reddish at tips, lateral inner
pericafrium more than ½ but not astride an outer
lip not 1. Earnest.

7-21-31 Delianthus neglectus (see Oct. 1938, Bon 478
Fl. (White plant) sent by Mrs. Renoud from Col. Galatia
Plant tufted, ½ in height with long taproot. (Ohio area.
Plant only, ½ in height). low compound leaves. The best
bittered. It has petals rose inside with light green
banded paleness and few longer hairs at veins.
Claw greenish, petal outside greenish-yellow.

7-21-31 Campanula barbata (see Oct. 1938, Bon 496
Fl. (White plant) sent by Mrs. Renoud from Col. Galatia

7-24-31 Campanula thyrsoides (see 6-30-31) Fl. (White
plant) sent by Mrs. Renoud from Col. Galatia.
Plant 6½ in.
Claw much shorter than leaf, 2½ in. not seen in
frequenty from Col. Rochefroid.

7-21-31 Physophora orbicularis (see 6-5-31) Fl. (White
plant except root) sent by Mrs. Renoud from Col. Galatia

7-21-31 Polygonum viviparum L. (See 5-29-31) Fl. sent by Mrs. Reynolds from Col. Sabatti, Galibee.

7-22-31 Ceratium eriophorum Sect. Cate II 372. Bot. 175 = Carduus eriophorum L. Bot. #62, Red and yellow as Camassalay on alpae. Cyanus. Hare's-lip plant, leaf megalophyllous, densely covered with long, stiff, barely hairy spines. Low cut, nodes the angled mid-rib is about same width as the almost entire segments which are abruptly spine-tipped. Spines on lower segments also. Lower leaf stiff, surrounding. Heads none, with woody stem, calyx-like with the spreading purple tepal reflexed, embedded in dense hair.

7-22-31 Malva rotundifolia L. Cate II 337. Bot. #58, #565 which were M. neglecta Walk. Bot. #49 Fl. unripe F. Camassalay. Patella white, remnants under, *13x7 mm, glutinous except at very base and claw ciliate at base, but less densely ciliate than M. neglecta (7-19-31) ex. if fa flat, greenish, stamina tube, filaments andthers white, stigma...
pale lavender Carpel: 14. Flowers not starry. 
base with lobes all equal or often approaching size of maple leaf as in M. silvestris.

7-30-31 Physarea betonicagladium Will Condit 490. 
Bean 1997 A. Chamososalz abra obis. 
(a) 22 in high, 24 flowers 1. Charcoal ridged (ridge light colored) 26x 14 in thick. Petiole glabrous (2) long, hairy, narrow wings sparsely pilose with linear teeth. Blades of leaves, lanceolate to 10 x 4 cm, elongate above the head, subcordate, irregularly with sharp, white, tipped teeth, which on lower part are spreading with rounded sinuses, infrequently with very small almost sessile lateral head. 3 in below head (lower part 35 cm long). Dark blue, stigmatic, the broadest base. Filaments ciliate, pubescent inside. Bees under head small, slender to entire, shorter than flower inconspicuous. In more stigmas erect. 
(b) 24 in. Look, but less rather narrower. Head in bud (lower flowers colored but not opened) 2.9 cm long. 
(c) 4 1/4 in. Like (a) except that leaves narrower at base (not more than 2.3 cm) oblongly ovate at base, sparingly pubescent, almost regularly crenate at petiole almost wholly lacking with tine spinescence. Also, slightly hairy inside. 
7-22-31
(3) S's from 1st Mt. Lilac (except that the smaller lower lvs 7.5x3 cm are regular with inferior curving teeth (white tipped) and blv specks on with pubescence visible to eye. Follicles (about 2 opened)
2.2-3 cm 7-27-33 without H. jamaica. Only other species to consider acc. to survey seems H. Prionium Involve from loren seems unlikely]}

7-23-31 Campanula barbata (see 7-21-31) Rockerde
Naye v. Chauncey & Rock. Calyx dasket earl 7-26-34 PL-RkE
Terminal ft. opens file et]

7-23-31 Adenostyles alpina Blake v. Fingiloth Cata 7-28-35
Bot. 160 FL Path Rockerde Naye-Jamaica FL. Cfl. with
A. albiflora Relia: Small flowers not darkened up to
at tip as in A. albiflora.

7-23-31 Valeriana montana s. Cata II 7-14-35
FL Rockerde Naye as side. Plants col. with elongated
underground st. with buds for young shoots just
beginning. 1 vs. 3 pair. The lowest now wick-
bud. The others rate almost entire, middle pair
fellish. Upper pair almost & quite round. Sts to
60 in. almost glabrous. F1s all seem perfect. Cfl.
with V. officinalis & V. tripteris.

7-22-31 Habenaria micans R. (see 6-12-31) FL Rockerde
Naye.
7-22-31 Ranunculus lanuginosus L. (see 5-23-31) Fl. adv. near P. Arabs. near - Jaman.

7-32-31 Helianthus annuus L. Cote F 562. Box 210, 50 F 318 Fl. Rockers de Naye. St 4-10 cm long, angled, 8-10 mm reddish. Roots 30 cm, simple, leafy, 1-2 cm. Petals of each flower, axil; (1 case) 7 stems from root, 1-3 of which was hand-picked, weaklike ill (Cote, Box 210, 50 Fl) 1.0, 30 cm, white, 12-25 mm round. Calyx somewhat shorter than corolla tube. 7 cut, rather more than 3, into linear lobe. Corolla lobes about 4 mm long, pink, blue, with reticulate fill-in white (Bohringer). Cote seems to say no, oval, the lower one or 3 to 12 mm, at-ones, more pointed. never more a box because beneath. St. less sexual pairs. Fl. with remnants of green leaf.

7-26-34 Fl. P. Arabs. Frequent on crested ridge and one 2000 ft. found near Alpina Garden.

7-22-31 Oxypolis montana DC. (see 7-10-31) Rockers de Naye. Fl. adv. near P. Arabs. near - Jaman 7-10-31.

Largest 5c 30x8 mm, 8 c 14 cm. 2 c 12 mm. 5 cm longer than calyx. Plants standing to 6 ft overall.

7-22-31 Phaca frigida L. Cote 1374, Box 84, 874 4/10 Fl. adv. near P. Rockers de Naye and near P. Jaman.
7-22-31. *Ficus carica* considered but not proof. Fruit high, 5-14 mm overall, 1 fr. usually 11, about 8.5 x 10 mm. Sepals free, look like another pair. Flowers 4 fr. Pedicel slender, style longer than calyx. Larger/less now, 2.8 x 7 x 3 mm, pub. with short dark not appendages hairs, dorsal veinal edge. Valves almost to each but are not connected by partition. Pollen orange. Pod flattened & curved upward at tip.

7-22-31 *Hedyparrum* var. *H. Como* 4/2, Bon. 91 = *H. Hedysaroides* Jelting, Telling 301 4/14 5. Fr. advanced edge, Rockanje, Nage, J. 2 cm long, broad purple, 1 fr. 5-2.8 long (slightly under nased), the parallel lateral veins showing plainly when held to light. Sepals thin x membranaceous, long, united below.

9-22-31 *Kernos* var. *Kaxabols* Reich, Cate 1/20, Bon. 50 30 1 389 Unique & Rockanje, Nage, Cate 1/20. Surely this is in Cate, exactly like ill. Plant 20 cm high with 4 very slender stems, simple or 2-branched at top. Basal leaves many in loose rosette, 10 x 4 mm on slender petiole to 20 mm. Flowers tube, slightly 1-2 mm thick, appendages pub. Alvaill. Pedicels 1 cm long. Pods spherical about 2.5 mm diameter, below slightly spheric, glabrous (a.t.s.) showing neither the linear nor reticulate veins. Seeds 3-6 in each
7-32-31 Aspidium Crepepae Sm. BH 583 =
Polystichum — DC. Cate IV 687; BH 398 =
 = Dryopteris — Maxon SVU 15. Ep. 268 in
woods east Chamossalay, from exactly like ill
(BW). The vein glandular, globular yellow, edges
ultimate segments slightly elevate, the frond,
heightened by the curling slightly backward, axes
also papillate (2x). Soi slightly grey near edge,
individually to be seen only on youngest. Color not
strong but rather resinous. Frond light green, esp.
the rachis. Fronds veiny on upper surface.

7-33-31 Blechnum Spicant Roth Cate IV 696; BH
381, BH 588 Stereo with fronds. Edge jwods east
7 Chamossalay.

7-32-31 Caloposis Tetrapait Cate IV 113, BH 352
BH 390. BH 699; SVU 560 Fl. Chamossalay at some
distance from hill. Corolla 16mm long, solitary with
yellow spot on lip (in front of the upper nectarine
beak). foliage outline of somewhat narrowed
purple
9-22-31. purple and vague purplish speckled (tinged yellowish) on each lateral lobe. L. middle lobe lobe square, slightly emarginate, but not "tongue" or "ausserandet" (L. bifida Boenn.)

193 with 6--long teeth on each side. Note calyx teeth purplish at tips and sparingly provided with dark glands on inner edge. St. swollen at nodding habit along refring (found alive at the in Corolla purple with yellow pistil. Dec.)

9-23-81. Uxjaspofila reflexa. (see 9-5-31) FL Nymph. Jamaica. Very like all (sat.). Upright 4 to 4 in. Tall has reddish tinged on at. Calyx. Petals sometimes faintly pinkish outside. Very same 4 divided on outside (suggesting 4-valved capsule). Plant 9-5-31 not now will remember. It is sure it was same as this.

9-22-81. Athamanta Crenais. (see 6-7-31) FL V advanced fr. Rockers Nymph. Prob. this since only others family with plant. It would be the Fage to Ber. 118) the fierce (591 5-492) none of which agree as well as this. Height fr. (4.15) 5 x 3, flattened, flattened. (distribution as if Cat). Suitable plant with straight, white spreading (not at all 12cm. hairs. 4 green and glaucous to eye but (2cm). more a less flat. The very narrow neck, tipped with what SW, just means by cartilaginous joint. It was as erect
but not as relatively longer ill (Cate) 
1-5-34 Fl young F. D. N. style podium cone-shaped
with undulate edge (Cate) Podium made from well
below middle] Slightly frayed edge.
9-22-31 L. uncinum yamn. (see 6-12-31) Flandres
f. Naye-Janum see B.V. I 430 v 431.

9-22-31 Arenaria novamexicana L. (see 7-10-31) F. Rockrude
Naye. Exactly like ill (Cate) Corolla tube 20 mm, calyx
tube 10 mm + teeth 5 mm. Calyx tinged bluish
Gf with t. verna at S. miwah.

9-22-31 Alpina verna Barth (see 6-20-31) F. Rockrude
Naye.

9-22-31 Arenaria ciliata L. Cate I 210, Ron. 50, B.V. 72
F. Rockrude. Naye. Generally very much like ill (Cate)
Ls ovate to 5x3 mm or usually smaller. Head at
 apex broadly pointed, glabrous except for calyx
at least at base. flowers 5 stron but when
out) seem to be smal (for shrub growing woody
Ls shorter than intermediate and with tufts of hair
in axil (ill Cate). Petals yellow with short down-
curved curved hairs. Sepals sometimes glabrous
at base, 3 nerves allowing inside but just ten.

7-22-31 Observed outside. Petals white, entire, about 5 x 3.5 mm., slightly exceeding sepals, held
by curled, curved hairs. Styles 7-9.5 mm. Some
flower buds have internodes distinctly longer
and pedicels 2-3 longer than calyx. 7-24-34 F. R. D. 90. Fl. from
some plants have 3-5-6 styles. White detached box (SWF)
plant [20 x 20]
7-22-31 Ceratium spinosissimum Dec. Cat.
# 375, R. S. 196, SVF 706, Fl. Rochester, N. Y., common.
At upper end flares funnel. Duct. Clearly by the
wind. buds with deeply pinnatifid, not around
exceeding the calyx, glomerate, teeth with
pinnatifid, not very helpful as
so much more deeply pinnatifid. Styles
obviously not. Inv. Traits indicate the slender 
yellowish lip hardly (at least 2.5) prickling.

7-22-31 Parcephanum chungtiunum Koch Cat. #194
R. V. H. 202, SVF 706 = Imperatoria — R. S. 129
# 21, Fl. Path Nye, J. 1. R. H. near its lower joint
root not Col. St. 3 ft. glabrous, striate, 1 c. diameter
hollow but thick, walled, very compressible, when
cut has a pleasant odor suggesting Ancistrocladus
now rather circular in outline, after becoming
9-10. 30. 15. 10. 15. 20. 30. 35. 40. 45. 50. 55. 60.
left with pendant leaflets, usually somewhat
slightly smaller than the lower surface, 2 ft. thick, glabrous above and
rounded, and hard to move beneath. Differ-
ent leaves smaller and sinuate. B. 1 to 3,

2-27-33 F. clavata J. F. S. var. clavata, F. not yet to nearly mature, as U. Bonn. v. clavata, may also meet in 2 [Cont.]

7-23-31 Gentiana lutea (see 5-29-31) F. of J. F. S. var. berndi var. gentiana.
7-22-31 Gentiana purpurea (see 6-30-31) F. of J. F. S. var. gentiana. Lutea 6-30-31 except corolla light(ish) mauve, not yellow, leaves thinly dotted.

7-22-31 Gentiana
F. F. from J. F. S. var. clavata, Cham broadcasting.

Found on the species with the long pedicel and flat dest. inconspicuous.

eg. R. rayle, glade, meadow. Fl. very small, white.
Ochelles involucral, few, filiform, inconspicuous. Lifts to 5 x 3 in, generally obtuse.
Cf. with Angelica sylvestris (7-24-31)
7-22-31 Peduncles found at l.c. Only cut to base with no more self. Perfect than l.c. See RSF 375 for see. This hybrid.

7-22-31 Lina pelialium silvaticum L. Cot. 321. Box 173, B V 340, 8 23 El. Below Jamaica. Dif to decide whether this or norvegicum fumar. 8.36 cm. Lvs green above with large cottony presence (20%) Lvs. with spots (at base) 5 x 1 cm. Attenuate at base with tip. Predomin. Obliquely 3-nerved, oblanceolate. Lvs. no braquet similar but only 8 mm wide, only 1 nerve evident, lvs. midway about same length but 5 mm wide. Lower if subtending ths. 4 x 3.5 mm (4 says broadst if bare 6 mm wide). Dth 7 cm high, spaced helms, dense at top. Beady joint. Very dark at neck buy yellow-greenish at base.

7-22-31 Princemella magnat. (See 6-6-31) Fls young of Richer de Bey. Seems only pass with loc 1-prim. (See Cota 120). Fls bright pink. Cola faintly suggesting celery.

7-22-31 Menem nutellina. Acet. Cota II 162, Box 138 = Lignaticum -- CR 491 Fls young of Richer de Bey. Perhaps this was the plants Engelbre seen at Jamaica (12-23-31) later not recorded in notes.
agrees with descr. generic [taste] of Fl. rega and
involucres not narrow through [for
Mathianthecium Jacq. (see also B V]. 200] Fls
deep pink. Low midrib outline (obovate) [the
to lowest internode] max. 8.5 mm by
9.6 mm. seems more.

7-22-31 Allium
Fl. Rocher de Noye. Close to Cota III 3 41 would be A.
fallax Poemen var. = A. vernicimum Sell. Rot. (bulb only
in plant as Col) exactly like ill. St 18 cm high. Outer
rounded on one side, flat on other. At top of
ging. Base and, shorter than St. 5 mm wide. Not
clavus, rounded, neced but not beaked beneath. 5 to
purple. Some light, some dark. Petals bell shaped,
6 to 8 mm long. No segments, somewhat oblong),
often not quite entire at apex but never
def. pointed. Pedicels = petal. Styles uncertain
erect. Quills dull sulphur yellow.
Note: this dif. from A. Cota only in length of pedicels
but differ from A. fallax Don No 299 in that there
are not yellow v. per. segs. acuta.

Some of these names in SVT I (the B Amang A. fallax
Don from in Switzerland) B are A. censecentur=
C. Montanum Schmidt SVT 1 140.
I believe in SVT not in Cota as A. quercetinum arg.
and A. pseudacorus Don a missing which occurs possibly
[late fruit pedicels 11 mm facet 6 mm. 17-25-33 Quills
yellow when fl open]
7-22-31: Quincke glabra Miller (see 5-28-31) Fru. flores very fleshy at St. Naye-Jamam-Caux (found just the same). 2-3x-31 near librarian. Root this time cordate, heart not subulate. Corolla 10 mm long, which 2 mm is triangular teeth, blunt at apex (which rules out C. serica L. Cota 279 605 220 203 7281) .(20X) show same whitish tubercular scales as 5-29-31. Undead dried leaf the related to visible to eye.

7-22-31 Arabic Quincke 44. Naye-Jamam-Caux. (percin paper part) Strong truck root with remains of scolopes, 2 fl. stems vascular connate. Basal (or petiole) leaf oblong to oval 2x9 mm, entire, rounded at apex, narrowed to very short petiole, almost a quite glabrous beneath, above hisoic with 2 or 3-foliated hair with tubercular base, inf. surface glabrous but thick hairs v no hairs simple. Stem in circiout at base with 2 or 3-foliated hairs like those or his with simple hair, similar texture intestixed, glut glabrous from below vin. upward. St. has few, small erect aciinst at 15x5 mm, lanceolate 2 or long, upper surface almost glabrous, lower surface hisoico with 2 or 3-foliated hairs, entire, blint, dense, rounded at base, not at all aunciated. Inf 3-3½ in long about 16-fruited. Flowers (non-prep full size) 10-13 mm x 1.5 mm erect, pedicles 10 mm ascending Pale glab.
rous, near ovate, plain (20x), petal pod slightly purplish, stiff, constricted. Seeds in row in each cell, no def. signs? being corrugated. If few the pod slightly paleate (may be accid.)

Another spec has ten distinctly dentate leaves basal but usually 22x10 mm, seeds (slightly thin) more green, with edges brownish not at all corrugated. Tell evidence points to C. Corymbifera next SPEC 3114 = C. arenata Shuttle CoT 102 (i'll go except that nothing corresponds to middle figure with large leaf) [see 7-23-33 in which 5-6 in dark (almost rosette) young shoots at base of plant are exactly like this middle figure in CoT] 7-22-31 Campanula persica. Hezek CoT 1502. Bob 199 = C. cochlearifolia. Holmavik 656 Fl. Rockrose, Nye - Jaman. (Perhaps this was the C. seen from train entering walls + near Peace) 6 cm high, general leaf glabrous slimy but petiole & leaf both lower on stem near base v.at and hairless. I'm thickening toothed. Basis lanceolate to 7 mm, shallowly cordate. 2.5 cm mostly below middle. 2x like it [CoT] Calyx tube 2.5 mm, calyx teeth 2.5 mm. Cotyled 1 cm. Flowering buds not observed.

7-22-31 Polystichum lonchitis Roth (see 6-7-31) to Nye - Jaman.
7-22-31 *Luzula multiflora* Dejeune, Cote III 458
Bot #492 - 1. *Campanula longiflora* var *multiflora* Botschevar. SVK I 201 and 1. *Campanula longiflora* var *multiflora* Cebie #299 Fr. Rochers de Naye. To 27 cm high. Bransly inflorescences, stiff erect to 2 cm or so, short broad globose, almost the same size. Bract 8.3 mm from except for edging, many fine tipped. Almost longer than the broad capsule. Seeds 3 mm long.

7-22-31 *Thalictrum alpinum* L. Cote III 217. Bot #276
SVK I 205 - *Dryas* Fr. Rochers de Naye.

7-22-31 *Veronica alpina* L. (See 6-12-31) - *Dryas* but not capsule and leaf (Cotes).

7-24-31 *Linaria vulgaris* Mill. Cote IV 22, Bot #389, SVK I 586 - 1. - *Maenolia* Bon #232 = 1. - Mill #3119 Fr. Reddistant from Caux. Corolla 4.5 mm. Plant tortes like the common in S.F. Plant quite glabrous (Cotes, Bot #389, SVK I all say more a less glandular in fl. Asapogon). BS8 this is var. glabrum. Schne SVK I 297. - It seems taller, more leafy than most for it's altitude. Cote IV 22, Bot #389, SVK I 586, not quited elsewhere.

7-24-31 *Epilobium rosamarinifolium* (see 7-4-31) Fl. Lisbon. Style somewhat shorter than stamens. Petals 13 mm long.


7-24-31 *Cirsium eriophorum* Seph (see 7-22-31) Fl. Lisbon.

7-24-31 *Cynoglossum officinale* (see 6-7-31) Fl. Spines more closely set on the borders (which is not greatly distinguished otherwise) than on face. All spines with tiny, sharp downward pointing teeth (roots) to tubercles 12-18 mm long. Calyces 9-10 mm.
7-24-31 *Salvia glutinosa* L. *Cote III 100, Ban 250* Fl. Alston. Corolla tube the pub. inside & has more glairs near base (*Cote says yes, Bar says no*). In add. to the 2 anthere bearing stamens (lower tips broad yellowish) there are 2 rudimentary stamens with flat arrow-shaped expansions at upper end. 1 m. 7 in.

7-24-31 *Angelica silvestris* L. *Cote IV 71, Run 36, 30X 201 5632. Pink* Caux. Teeth plum. pub. white underneath. in *Parnassia palustris*. 7-22-31. One umbel had 5-4 rays. Also much less elongated than *A. rupifarina* L. At *complem. [9-8-31* Fdulbutdefinites pink. Villenueves north end 8 petty]*

7-24-31 *Stellaria nemorum*. L. (see 6-14-31) Fz. *Lithospermum* a short distance over to Caux. Capsule 1 mm. hence not once again so long as sepals (Cote) thin, splitting deeply into valves.


7-26-31 *Senecio Fuchsii* B. *Cote II 306, 89411 693 5W 11 34 5*, evidently in *S. vallacernica*. L.
P-ac-J/
f
AV-Q

in Cute

Ben 164. 3114 256 Fl. thin path to Chambalanda. 37 844.
perturbant in middle, shape flat to top (lower here now
muitered falling) 10 to 1/ x 2 in (upper ones smaller)
lanceolate, acuminate, all toched into short petiole.
quantglaumnos abax, growing beneath bax hamula
excepter edges; teeth with jin tip but mostly cat-
ridgeous. Invabel 7 x 25 mm. Invivelal 3-4 say
narrow keys 3-4 mm long, growing veliculat. 
Prem usually 3. Iehus glosus.

9-26-61 Dmula Conyza De Costa II 31/1. Ben 170 809
243 = D. squarrose Debel S4 VT 678. Early fl.
blion path Chambalanda. Chillon. Bold forplace
of long-tailed antlers. Diques as small as to appear
more. (See Pulicaria. vallugaria. Baerl. Costa III 31/6
6 VT 678 = Dmula Pulicaria. Ben 170 809 x 243 for only
other co.) S7 42, arsite part with long, cuneate (also
iverty 115 as callicell (Coat). Nearly 12 x 5 mm. Surface.
blades light with green mid vein v conspicuous green
squares tip (hypo papillate 3X n. glandular
inside) ciliate. Antenier backfinvith purplish
dirt. Styles yellow becoming dark late (But says
"purple" which there are not) giving flowerheads a
dy purple rings. Very young allallery with a few
affinches near top but the dentilicate papillev
acm defplas cas in one row v without crown.
(See 9-21-81)
7-26-31 Arthriicum campanulatum L. (see 6-13-31) F2. Capsules brown. Flowers black, elongated, dull, angled.

7-26-31 Arum maculatum L. (see 5-2-31) F2. Seed
1 inch berry

7-26-31 Calamintha ascendens gard. (see 7-4-31) Chill
F2. flowers. Seems same as 7-4-31 (C. Friciak's Monet.
See 8-31-33]

7-26-31 Lathyrus pratensis L. (see 6-4-31) F2. F2. Chill.
Oblique lines from chin upper center toward
to lower center. Pods smooth, thinning, moist, pur-
purple. Stalk attached near to fruit end; Chill.

7-29-31 Carlina acaulis L. Coxe 1366. Both 189. 8 1/2
and breedley. 18 in. purple glabrous. 1 sphy. glabrous.
Skin multifid blunt to mid rib. Anteaver bands like
bud (but smaller) longer than head; middle bracts
"frees samnifices" (Bog). inner bracts linear, to 4 mm
wide, inside bright white, outside bright white at
top purple below. 7-29 8-27-33 84.1 not somewhat
shriveled.
7-29-31 Senecio Echioides Amel. (See 7-26-31) Fl. Keeley in amn. Stout, stam. mouth bigger than 7-26-31. Inva. brown, but not anicled, and in shape v dentriculation like (7-26-31). Glabrous, broad grain v lip 1/3 teeth might be called callosus (white to eye). Inner glabrous, rays often 5. Inst 6x3 mm. Involved de (7-26-31)

7-29-31 Aster spicata L. (See 5-22-31) Fl. Glian.

7-29-31: Brassica Rapa L. SVK 1296. Cade II 77, Bond. RVH 37, H426, RM 329, Flv Hox. Caux-Hesally, Capide, Narcisse. Plant thin. SVK. Lower bract fallen, upper br glabrous (prom glaucescens) clasping with rounded pedicles. Fl spreading at end, light green, overlap at base. Sepals erect but not appended. Petal yellow, not pale nodale. Flc medium by Petal 8mm. ov Satisfaction more than 3mm is claw. Pet 4-5.5 cm ft. Ped 1.5 cm in back. Seeds dark brown. dull, lightly his陀. (20x) reticulate, pitted

7-29-31 Alnus incana Chaix. (See 5-22-31) Fl. almost riped next tips. Galactic (very sticky) Hesally
7-31-31 Arctium tomentosum Miller, S.U.T. 702
(See Boc 157) = Saffra tomentosa L. C. Cott. 404.

7-39-31 Carpinus betulus L. C. Cott. 751.

J. H. alley. Necess in camp, peduncles about
1 in. long, spherical, 2.5 radians, head spreading
or ascending (none at 80 reflected), imm. wide at
point where medulla appeared, tapering to fine
linear leaves, slightly tomentose, all connected
d by cobwebby hairs. Innermost leaves for the
sake of a sphericulate (not haired), shorter
than the flo.

7-19-31 Arctium nemorosum L. C. Cott. 1700, 1294.258
= Saffra nemorosa Kees. Cott. 723.

Seed may be saving at Cape de Navarrea, Plant
recognized with spreading involucre branches
Inf1. 8 almost sessile heads, distant
in axils of leaves or very short branch (1 in) bearing
2-3 proximate heads. Whole effect elongate in
lower row of racemose heads. Spherical quills
at the lower heads. Reflexed. Bracts almost imm.
(at point where no longer appressed). This agree
fairly well in section 5 or excepting involucre branch
involucre (80). But note Boc 1 571 14 says "pustule
hollow" a Char. not found in this particular, when
fruits are produced. No tuber in this specimen.

[See 8-13-31]

7-39-31 Carpinus racemosa L. C. Cott. 501, 807.177
7-31-31 Trifolium repens L. Cate II 345, Rom 98, 004-1/8
A 309, BM CP 405 FL, Nave - Caux. Neele 2.5 cm long. Calyx
with ring greed vs. dished spot in the 4 lower incises
with white thin border except upper edge
of the 2 upper incises.

7-31-31 Emporatorium cannabinni L. Cate II 284
Rom 60, BM 234 FL, Caux.

7-31-31 Santreus racemosus L (see 5-10-31) F. Caux

7-31-31 Polygonum Persica L. Cate II 206, Rom 295
BM 389 G 36 FL, FL, Ilion FL, null. [Found later fl. greenish-
white]

7-31-31 Venus flytrix officinalis L. (see 6-8-31)
7-31-31 Sedum alfredre Vill [see 6-7-31] F. Path Sannticy
to the fork [Sax.]. 7-31-31 Pr. Brum s. Aeternalum Vill]

7-31-31 Saxifrage aigeroides Carst. 139, Boo 115, RVIV 113,
x 446, RVVT 332. Seems only far very fibil (RVIV) but
much smaller when traveled than rememred in
First. St. trailing for 6 cm (also Cenuda with semana Fibil
and with tiny dark spot near lower end), then upright
3 cm. Lvs. 8 x 1.5 mm, almost flat both sides. Thistle, 
sparsely ciliate, marked with calyx spot just below
ship on upper side and usually with similar
spot downward on each edge. Flo 3. Sepalineen
Petals bright yellow spotted orange. Bnd. Wayne. (Sec 143)

7-31-31 Enaphora officinalis. Carst 42, Boo 255, RVVT
357 includes E. nevadoviana. Wayne 507 I 603.
Flo semi-rose. St. free ch. Noe 42. Caux. From 3 cm. single.
10 cm v branched below middle. St. often reddish
with short downward curved white hairs. No
Calyx. Flower at x not distinctly glandulet. Calyx
10-12 mm, upper lip white, the striped purple;
lower lip not white with yellow spot in mid-
dle in yellow throat. Consideration of. montana
19. 605 605. the blue not "entkerinic"
7-31-31 Linaria alpina Mill (see 6-30-31) f. Versip. fr. Not pedicels 3-4 mm as abrosonum calyx 5-6 mm.

7-31-31 Campanula pusilla. Naqul (see 7-22-31) C.t with C. helicodon (7-23-31) at to 18 cm and general effect longer and looser than (7-22-31). This dist. prefers S.U. and toward Naqul it is (7-22-31). Basally 15 mm. Calyx about 3.5 mm petal 4 mm. Corolla to 13 mm (3x to 10 of the.) 7. 4 buds in cup in cleft Jacobs Naqul - Caux. But note that buds are much upright (dorsal may not) Filaments (1mm) expanded base about 2.5 mm, another 2 mm. (C. helicodon has antituf def longer than upper part of filament)

9-8-31 Senecio Fuchsi. Smcl (see 9-26-31) f. Naqul - Caux. Seems ramose 9-26-31. But note it seems to come from creeping rockchuck hear at base several thick pinkish stalks (see "non ramosus".) Devol front 9. # this short unresolved and of caudex (sometimes difficult to decide if hyponema is pedicel) but not arviculate elsewhere.

8-9-31 Senecio vulgaris. Cate 1302. Som 165/3045 2554. 1558 13'd. vfr. 4 lion.
8-3-31 Cymopteris noli-tangere L. Costa #265, Bon 62. Boush #560 SUT #445. FL valvate pet. bluish. Corolla 3 cm tip spurred petal to tip papil and 2-3 cm across lower lip and from tip spurred petal to tip of lower lip.

8-9-31 Torilis Antirrhinena Leme Costa #164, Bon 125 SUT #483 = — Berna #623 = Canadii — #ule
Boush #207 FL v open fr. bluish 1-2. Blasco #316. #acts #1.5-5
Bracteoles or 2 wth tip sepal v open 2 petal #11
enlarged #2 lobed. Petals with 2 #inax ind. and
another deep wine color. #iney purple striped
delow. Largest number found in sample 10.

8-3-31 Succisa pratensis Leme #84, SUT #448 = Debarza Succisa Leme Costa #297, Bon 148, Boush #229 FL v young fr. Les Apronle returning to S little
Corollar not "deep blue" (164) or "bright blue" (41) but
rather a 
bleakish, dingy blue. P1-3 at side of tuft of
hairs. 3-2 pairs of gland near base, otherwise
naked except for hairs. small bracts with a with
out buds in axils. 0.1 in. high, pet. with appr. of
downward pointing hairs. 3rd leaf corolla
slightly larger than others. Petals style x 4-5.
8-9-81 Panicum milaeccum L. Cat. III 549. Bon 352, A/0, BM/CP/18 SUI I 463. Gone just beyond R.P. road to Live Arts. Fabulous sotional. Serrate stick. Stalks to 2½ ft. 2½-3.5 cm wide, rough on edges. 1 cycle has 2-3 spikelets hair (2-3 joined to base) Bracteoles 1½-2 long. Spikelet 5-mm. Green scales 3, 5-mm. 5 nerved, ovate, embracing sharply acute. 15-20. 1st nerved 13-15 nerved, longer than the other Avenae. fertile lemma palea. The sterile palea.

8-10-31 Plantago indica L. SUI I 687. P. arenaria Waldst. & Kit. Cat. III 145. Bon 257 FL Sp. Silis, Pitt at side of Tovar (1 plant only, not observed elsewhere). Strong tap root 2½ in long. 3½ ft high. 20-25 petal it might grow be called weak, and also near its base numerous branches spreading horizontally to 6 in. Plant gray-green young pubescent but not glandular (Cata). 2-3 sp. linear or slightly larger at. middle, 2½ x 5-mm. entire, bearing tufts of smaller less 5 nerved in their axils. E. based on leaf angles ½ to 6 cm from axile. 2 or at end of branch. Re. head 1½ x 1½ mm. lower linia to rodd a narrow 1½ x 1½ mm. with long spreading tips. (much like P. Euphorh. Rod. not long as ill Plantarina (Cata). 3 or 4 ovary to 2.
8-5-31 leaf: very broadly spatulate, cuneate wide with thickened green apex on back as broad as leaves margins (top and sides) very obtuse. Outer sepals much like leaf, inner sepals narrow as beaked all with few hairs. Corolla (in anthesis) pale brown. (see 7-11-31)

8-5-31 Viburnum Opulus. (see 5-29-31) 12 turning red. Caux

8-5-31 Lathyrus major. (see 6-8-31) 17 umbra but 3 B. full size. Teeth rather rectangular, the bilobed occupying 1 side (i.e. 1/6 less circumference) and attached to pod about middle.

8-5-31 Lathyrus silvestris. (see 7-14-31) Caux. Shiny. Fl 5+ uniflora but 3 B. full size. Pod 50 x 110 mm. Nodum attached to pod near one end.

8-5-31 Lactuca oenothera. (see 9-17-31) 13 bought by M. George (S. Kimman). Heads sometimes mostly if bisexual flo's hence yellow green yellow, sometimes mostly if flo's hence white with filiform stigmas prominent. But many stigmatoids in bud become paler as overlap buds.
8-5-31 Linaria minor Def. Cat. III 1887 23.34
Flv fr. blin. Path V-M to V Mid. Plants 25.32 cm. high
(jacobs others not Cae. bigger) Short slender joint
with few fibers into suggests annual. Its calyx
his showed too sep. Sides half. Plant branched
below middle branches ample spreading. Short
er than st. All green parts finally gland hairy (i.e. to
his calyx) lowest his red 3.5 x 5 mm. in jucte 2.3 mm
of tube both ends. Stalkish. set in a midvein only
apparent. Up face has similar but somewhat thinner
and linear 20 x 3 mm. overall. without def petals.
Stv branches bearing flat (from below middle)
Flexor rimary axil 4 with below with short branches
also without petals 3.255. 1 cm. shorter than if
rat about twice as long as calyx. Only sep prominent colors
left. Three 6 mm. overall of which spurs is 2 mm. slightly
dent. not gland. petiole. Tub. Hairskih inside pupum
lip longer white. lower lip staw more nearly erect.
with 2 broad purple stripes inside. which
strifes are well furnished below with yellow hairs.
Palate seems to close thwart entirely. Calyx lobes in 7.3 mm.
not def unequal narrow tube Capsule 3 mm. high, slightly dwarf than calyx, spanning by 3 leaves
his. Seedshark brown, in tube cylindrical 1 mm long
marked longitudinally with about 8-12 irregularly
(not lining) some which are broken or vertical
(righted) should cast and Hott ex. except parts
as noted. For adventive species as noted. 1for adventive species 1

SVE 297
8-5-31 Caperucita galcioides M. Bieb. Cat. 1.556, Bon 148. A 7447 purely & glavanca. Reeve 501.166 as Fufkos. Cauzblain Deperandare (Catv) is that the only selvedge (almost woody-dothing) at. indicative. And the lions (now more plentiful) were 9-18 in whole, the lions at the plain branches are mostly 5 in whole, and they cut end-plate branches) often very few. Plant was growing in raw leaf and I perhaps had been cut in January. 100 narrow linear, glaucous green, narrow, strong, edgewise strongly revolute, through vice-inframed, pointing hairs slightly in front line edge and to be more edge. If not containing revolute edge, five points. Corolla bell-shaped, tube 3 mm, 2 mm, long. Rebecca narrow, like smaller leaf. Dried for wrinkled. Corolla base usually 4, sometimes 3. Often P. argenteolus.


8-8-31 Trifolium pratense 1. Cat. 1. 35. 5, Bon 59.
8-8-31 Semprevivum tectorum. L. Cote II 120. Box 117, 39A1 07. 8 473, BMCP 522, SVK 1 326. Halllto, V.M. Fls pinkish as to leafless studed. And similar shape. Growth of leaves in face, at first ciliate, of rate suddenly contracted to a a point (not greatly narrowed below). This all seems to indicate S. c. c. B. B. In a cat SW. But rate size low are reddish (not clips, if at base). Total to these peculiarities joined SW. A Plant of has branches to mp. and none observed has no many up 10 12 branches 15 BMCP. Fls 2 cm. Per! Petal color by partly white. Project to whitish back ground. Petal. Home minds last gland or out. Both velvety.

8-8-31 Leipidium medusa. L. Cote II 139. Box 38, RBN 49. 8 435, SVK 283. Fr t few white or white tips. Leaves in sun upper brows white. Klein, dump near R. Atkin, 1st leaf much sturdy bralled from near base. Heavily peli but with strong pepper flavor. Collected (Cot 18) 2 mm wide 1.7 mm wide on petiole. (2) 2 mm Cotylidons incipient (4) Stamen 3. Petal 0.5 to slightly pubescent.

8-8-31 Verbasum Thompson. L. Cote II 620. Box 1225 Box 136, 8 719, SVK 1 383 174. Allon. Gf d with V. nigricans. The 2 long filaments with only few bases V fully 4 to 5 mm. Long as glossy so cannot be V. Cassiifolium DC or V. Thompsonii Schrad. SVK.
8-8-31 Chenopodium hybridum L. Cate III 185, Bon 268, BN1 388, B 367, SH 316 FV unripe fr. Alber, P. R. Rosenblat, Farnesia compound. FS seg. with thicker green buds brocked atop with off white, white margins + decurrent on sides, making a variety look close to eye. Dull (2-3 spars) slightly mealy. [not seen again until 8-25-34 at Vougy, Ont.) specieimmer.]

8-8-31 Chenopodium album L. Cate III 186, Bon 269, BN1 387, A 387 S 6/1 219 FV fr. Alber. Various specimens, various forms from sun patially brocked with brown, usually veins less to 4-5/2 green, more, mild (the young Farnesia being in axil), usually high, forms. White, plant much paler than (2). Seeds in all seem thin F album.

8-8-31 Solanum nigrum L. Cate II 614, Bon 227, BN1 330, 6/1 35 S 6/1 879 FV unripe fr. Alber, P. F. Filamentous def. fr. inside. Calyx 3 mm, calyx 7 mm.

8-8-31 Solanum detersum L. (See 6-26-31) FV fr. Alber.
8-8-31 Solanum assault. (See 7-4-31) FV fr. Alber.
70 of fr. Nite, white stigmas in both greenish as dese S 6/1 725.

8-8-31 Cichorium intybus L. Cate II 469, Bon 183.
8-8-31 "Chamaejasme erectum." (See 26-19-31) Fl. Gilion Beds 3-4 in pods opened. Pods shorter than calyx which hangs longer anica flowering (SUKI 375)

8-8-31 Plantago major. Cont. III 52, Bwn. 359, Bwn 372, 4745 Anica ps. Gilion 25-34. Keel of the sepals longer for a regular leaf look (2x?)

8-10-31 Mentha rubra Heads. SUKI 575. Fl. Gilion garden fence at V. M. pigg house. Acc. 65.012 kg. Calyx with 5 equal teeth, glabrous inside. Corolla tube glabrous (no anther hairs). The maxillary toothed but toward top of petiole can not see if terminal (tip 1.0 but certainly not a terminal head). Fl. Calyx glabrous except for few hairs on teeth, tubular 13-mnved. SUKI type hybrid M [Aquaticia xavenica] x eucata. Not in other manuals. 0.40 to 0.45, spreading, somewhat pub with downward orhinating hairs. Corolla 80 x 33 32 mm. 8-10 x 8.2 mm. Short, frayed, slightly nodding, leaf more often 1.0 to 2.0 cm. and Practically entire. Fls. 5mm broad. Calyx short white. Part being not reddish. Were not as broad as 30 x 22 mill. II 295. IV 5 to 7 x 3 or 5 cm. 1 5 to 6 cm in angle. (19 ps. seen same as date 8-10-31)

8-10-31 Alnus incana var. manesc. #337, SVT 198

A. — wild Cost. # 277, = A — DC Box 289

Shea-leaves, red-rose-colored flowering of leaf

A. viridis Chain (7-29-31)

8-10-31 Rumex scutatus L. (See 7-14-31) Fr. Klein
This common plant as (7-14-31) others seen a much path
below 1.5 ft. farm. White tuberless root. long and spindle
shape. Tuberless white or green much smalle, like a black
And as long as 1.5 ft. farm. Branches slender, not much
spreading but ify sometimes to middle

8-10-31 Plantago lanceolata L. Cost. III 149, Box 360, BN

8-10-31 Rumex communes L. (See 5-24-31) Fr. unripe but
ripe for has been observed recently.

8-10-31 Mentha arvensis L. = M. longifolia Nels. (See 4-7-31)
Fr. Klein. Culms is barley hard 1 foot (5cm).

8-11-31 Digitaria sanguinalis scs. Cost. IV 552, Box

8-10-31 Pancum sanguinalis L. BN 352, # 96


8-11-31 Omalax africana L. Coate 7367, Bon 62, Buhl 799, SVN T 429, also 5533 (which differs from Coate, Buhl 799, in saying "stipules evident") Stems lower erect, lower rooting, lack leaves, but from base elongated stalks which bear leaves (SVN T 429). Flowers short stalked peduncles. Petals rounded at tip (5533) not tubular united. Sepals erect outside but not closely united (Coate). Plant glabrous in effect but base of leaves with some hairs, with spreading hairs. Fruit pedicel upright, spreading not reflexed. Fl. 21/10 3/8, 8-10 long, at mid. See 0. Collection 12-5-38 which may have been wrongly identified. Fl. Lwin. [Signature]
8-11-31 Buddleia davidii Franch. BM CP 599 fl. Erecta (commonly cult) in Veyran brook last 7-10 ft. (specimen only found that well developed to about 7 ft (can't tell if perhaps of the varieities permanente or \textit{Veitchiana Rebut}). The panicles studied Finlay. [9-2-34-18 Frequent on path Chillon \rightarrow Villeneuve]

8-11-31 Amaranthus lividuloides. SUI 223. 4372.

Flower 

 clan ascendent (voiced) Thellung (see to SUI)

linea petala in color 773 v. 13 be 265 cc A.

Blitwich. (SUI says "aest. mut.") 4872 mm. A. lividuloides but since this has a thick, wavy leaf, the most likely name may be referred to A. \textit{vividuloides}. 4872 (SUI says A. lividuloides \& A. vividuloides in part) Flyer thin v. 2 x 2.5 f. in. Agar. with the SUI except no well developed terminal leaf. Leaf dark red with greener stipule in center. Sepalures narrow, along, blunt with dark spot at tip. Capsule midrib; more a less white. 1.366. 2.5 cm long. Teal about 5 cm long.

(6) StMENT: low to 5.5 cm long, dark green (without reddish color) Flyer as (a) the upper and lower terminal leaves to 1 cm.

8-11-31 Viola odorata (see 6-24-31) Fly for bumble bee but petal full grown. Studied in light 7.5% 4:46. poor base valvae hand. Style 4.5 x 2.5 x 3 longer than calyx tube. Height of stem need to be certain. Certainly 3 x 1 circumference.
8-11-31 Capsella Bursa-pastoris March Cat. 1/35
Bon 33, B14747, 11-26 - 0. Middle SVII 49, SVI 26, SVIII 385
Flower action 8-24-31 (Fig. 5) Part the leaves stand a fan-like branched rosette (3-25-31)

8-12-31 Trifolium aquarium L. Cat. II 405, 8-90 =
Tamarix Scol Cont. I 370, Bon 77. St. young fl. Sonchus Chamb L. 1 1/2 ft, upper half much branched.
Are equally very about stamens. Stipules attached to petiole more than half its length (4) and usually short longer than petiole (cat). Needs many, about 12 mm wide
Calyx pale with lighter nerve in each lobe, glabrous in effect but sometimes with few short hairs at base of few longer hairs at tip the 3 long lobes (not long ovate lobes as T. baumia L. 6-20-31). Corolla streaked, more less claretolate, sep towards lower lobe, scale brown on outside
Wings divergent. All 3 (1 ppm 1 full size) ped 2.5 and nodule 1.5 mm. St. appears faint. Cf. C. baumia Chamb. Schab.

8-12-31 Melva moschata L. Cat. II 236, Bon 55, B17490, 8-7-36.
B NGP 484 Fl. unform fl. Sonchorus Chamb L. 3 ft. pink in masses much odor. Rarely solitary flower axis. Mostly
Cheating the ends of short branches and end 7 ft. Base
leaving missing

8-12-31 Socrinus Plummeri L. Cat. II 4-35 = Mulgedium —
DC. Bon 188 = Ciéchita — Kirschberg SVII 725 Fl. young fl.
8/13/31 young p. Sonelaux Meadow on path to Caux shortly after entering woods. Only seen and described from back, mistaking Platform 3 ft. about 3 min. high, bump to 22 in. overall by 9 in. Petals broadly winged, almost that bloke cut Brit into 2-3 pairs large downward pointing lips, then large triangular terminal lip. Sepals less similar but petals relatively broader winged, x-rayed mg. relatively slender. Corolla 1 lowly divided, three sepals also rounded but with ending in point below. Soft glabrous, upper 2-3 mm., flat valvate wing edges, prob. 3-7 mm.

8/12/31 Moehringia mucronata. (See 6/3/31) FLV fr. #3 from Sonelaux. Seed seems to be 4-6, shining black, elliptical, shield-shaped appendage almost as long as seed. (Vel. M. Dancyphyllis Brionia which Cato says has large appendage not given in S.V.K.) GLD (Sept 10) with Ameenia minima. Similar but a little darker, larger appendage rather larger.


598

8/13/31 Epipactis FL Sonelaux Meadow on path to Caux, shortly after entering woods, exact position forgotten. Carefully left.
with what seems typical *E. latifolia*. All as seen frequently about Helion.

Fl. 10 in high. 1/2 or small compact more than *E. l.* - the largest 7.5 x 2 cm and lies markedly elongating than *E. l.* - 1/2 or longer than internodes to be about 7 x 3 cm in the 1st spike, shaped like *E. l.* as to petals or petals and often 1-3 cm. I 9-mm long (18) mm long) and the whole section of lip while of nearly the same size *E. l.* lacks the different section set at last. Also dif from *E. l.* in that the upper petal is yellowish green with no trace of purple, but its section of lip slightly paler and vivid. Lower section of lip alone is purple. The greatest dif however is in stigma, and known by contrasting *E. latifolia*

This species

**actinidia**

In *E. l.* the anthers lie in slats behind actinidium surface. In our species anther lies on actinidium surface so that pollen can fall directly on it.

This points directly to *E. leptochila* Godfrey Brit. II 343 (no synonyms given) query: Is this = *E.

actinidia?* " *E. veridisflora* Reichb. Brit. + 454 differs bed in similar terms? and also = *Helleborus latifolia* I in mine. *veridisflora* Hoffm BRIG 39X VII. the deal fact which makes no mention of stigma but no part it green applicable.
8-12-31 Phymantiera purpurascens (see 6-27-31) F. A. L. Sharsargeon 4 mm. corolla trumpet long, corolla light brown without (Cook #527) Nov.

8-12-31 Phymantiera angustifolia Amelanchier spinulosa var. (see 6-14-31) F. A. L. Sharsargeon 6 in. high, glabrous, black-hearted. Lower internodes about 3. 5-10 mm. in length. 3 trunks in section from about 2 in. in abaxial trace to about 12 in. in adaxial trace (the upper branches long一封信, the lowest still very young. Entire leaf (3 pairs) between branches terminal leaf.

Veins very in 3(V/3); 10th and upper leaf to 15 mm. ألتر calyx glabrous except very slight pubescent edges and shining. Lobe with 8 tooth to 6 mm. very fine pointed, the upper teeth much shorter (most like Fig 116) corolla 1. 5 mm. long. Very diff. to decide about position of corolla teeth, which seems more nearly horizontal than Fig 107. Type @ plant near the Fig 104, 5 to 5. 5 to 35 X 7 mm. very narrowly linear lanceolate.
8-12-31 fuschia corniculata L. (see 7-16-31) Fl. Klein. Diet from h. religiosa Selk by 8/11/507 in that lower pair of leafs are not "herbivorous? hectofy." Note that in many cases the calyx lobes are still more or less erect or, if so, this sometimes spreading as reported in 12/17 fl. h. religiosa.

8-12-31 Neofroepipa cannard. (see 5-8-31) Fl. Polredlich N. def. glandular, about 2.5 mm wide, not more than 3/4 in long.

9-13-31 Alantiana pneumoniae L. Costa 7969 Fl. 2/15, 10/4 8/19. 8/11 538 Fl. bought in Monteux "gathered in vicinity." Dots on back of castle outside, also more plainly inside. Sinners (at least sometimes) with one seed to 70. Understand plainly that seed will be "durch die unter Aussenscheibe geschwungen."

8-14-31 Colchicum autumnale L. (see 5-12-31) Fl (1st g. season) Fl. Klein.

8-14-31 Filigandula Ulmaria Maxima (see 6-28-31) Fl. unripe, but capsule def. spiraled. Fl. Klein.
8-14-31 Mentha arvensis L. Casti #481, Rum. 225k, 344.36
4911 Sut. 5745 El. Allion. Near beginning of path from thins towards 2nd saw-mill, Identify 2 large thistle, cottony hairy inside, calyx glabrous inside with 5 equal, short triangular teeth. But calyx
besides the 5 main nerves have 1-2 more flame
nerves (50 rays; 10-nerved; Casti says 5-nerved?)
See M. verbasciata L. Sut. 374 metonym in thermsandy
Casti with M. rubra Huds. (8-10-31). Ftr 4 mm small. Calyx
def. being

8-14-31 Cheiranthus Bonus-Henrici L (see 5-9-31) El.
Allion. Perianth far from coming to (Casti says "incomplete"
but says "completely") but terminal fl. developed (Casti
says should be on horizontal).

8-16-31 Parantasia palustris L. Casti 169, Rum. 39, RVH 177.
7449 El. Janman, named C. L. He tested. Not acaplaederflaged
Casti, the say: "abolute".

8-16-31 Aconitum paniculatum L. var. Casti 152, Rum. 41,
Sut. 255 El. Direct path Janman station to Coley Janman,
lower part. Are today (July, few only shoots). Carefully
examine R. Napean, not nearly bloomed. Exactly
like ill Casti 84m, am agreed with 85m in that how
on upper margin stems inflow glandular (possibly
the difficult to be come articulate, stamens: carpels: glabrous. Helix = 27 mm long: petal inner, 15 mm high: upper part x 17, mm wide. Sepals all more curved than a. Nipples: vs unincised light. But at more frequent 5 short: staminode (1) and - shaped but four percol: whose filaments are white. Loosely to bare: principal vige 9-4 cm.

8-16-31 Delphinium elatum 1, Cat II 50, Box 10, SW IV 357
Fl. With a bloz. Only present to Sot. Plant flat: below but at a thr glabrous: v. glabrous (flora into 6). All roughly part (2x). Septum: plant glabrous, inner (2x) glabrous. Sub-tending traits more longer than petals: lower: the lower one much shorter divided toe into 3 natural
More. Prior trait on pedicle also middle: 
ribs. 6 (not in des. ill Cat). Petals bluish dark, all ribbed. St. top: the 2 spines meet a slender mupper surface. Complete 3, ind glabrous, ind /p. Glabrous. Rta not clear to be. (See 9-2-31)

8-16-31 Lonicer a migra 1, Cat II 234, Box 135, SW IV 639 Fr.
Shrub. West of Cole. Hab. low glabrous, edged: in factl parallel, slightly v. heavy: acute, often square truncate above. Peduncles very slender 3-5 cm, glabrous. Fr. large in well: 25 mm: each half 12-25 mm. Same.
Petals white. Har to 6.5x 20.5 cm: still green, green beneath with mid: rib silic: beneath
3-16-31 Sedum album L. (see 6-20-31) Fl. January et literally
dark pink, petals pink, orange 
petals in petals of pink so that general effect is
far from white. A. has fallen from a height of
but in all essential that. named a plant home
on walls in Montreux.

8-16-31 Snapalium azellarioides D. (see 7-22-31) Fl Cold
Jamaica. Slightly same as 9-29-31. Inhabit more the
804 ill I say 509 than like 8xw ill. I fig 81 (not sail like
this) 8x 80 cm, infl 14 cm, 8x 35 cm, infl 12 8 cm, Fl lead
(infl) 6 mm (50 x reap 5 mm).

8-16-31 Asphillea macrophylla L. Cat 83 35 3, Ron 169,
304 832 Fl. Path Jamaica to Chile Jamaica near Sitton. Root
not col (Cat say rampart) but young shoots just al ready at
base of it. It is really (particular to) 8x22 in high. I scare
less imperfect but like ill 8x). I revol head to fol thim, with
green strips down center, horn edges, scaled with black
lenticulate leafs. 8x22 5 mm high, just hidden in the reflection
ramp. F sole white. [see 8-6-34]

8-16-31 Saxifraga aizoides D. (see 7-31-31) Fl. Jamaica. Cold
Jamaica. 83 towards directly. Much better developed plants than
8-31-31 and like ill (Cat and Ron) also as memorable 8x. But
now allow same preserved 7-31-31 8-16-34 Fl. Jamaica
Petals vary as diff. Plants from bright yellow to
8-16-31 Eriopeleum lanceolatum (see 9-11-31) Shown to
Dr. WHIT 93 All leaf sheaths. Coleopterum with no wings. Leaf
3-4 mm., angular (separate) pedestal rough (tapetum) for red-brown 3x1/2 mm. Common in muddy fields just
beyond boulders toward cave. Jamar (does not long triphyt.
Both found 6-12-31). Stiff blades about 0.5 to 0.8 cm. long an tip
Leaf junctions not profligate (205) Stem about "Eastern
Icagol" not understood. Dr. WHIT = 201 consulted.

8-16-31 Adromastis allisoni Reth (see 6-28-30 -31) Fr. Camenae
4 mm. with 8 longitudinal ridges. Raphides 0.4-6 mm.

8-16-31 Seabun lucida Will Catt 280, Bon 148, S. 511
328 = S. californica L. sp. lucida Vollman S. V 1648. Fr
Cinnipeds. Jamarl not cut to Jamar All toward a lane.
(0.8 x 1/2 in., tarmal above 1/2 in.) 0.5 x 1/2 in., naked above 2
1/2 in., naked above 3 in. Small cases at sample, rhead
led. Live on sterile shoots 0-1-3 pairs in flowering at red
division, but distinctly exsert, rounded at tips, taper and nar
scent at base into preties which are long on sterile shoots
in 80. A circular 1.5 x 1.5 cm. not similar ill Catt 32.
S. pyrenaica All. Appear to be with about 4 cells
Not cut to margin. Mild red in to a narrow (0.5 x 1/2) dist
the terminal. Only slightly broader than the others (my
like ill Catt of S. lucida). Sometime an intermediate pair
(0.2-0.4 mm x 0.3-0.5 mm)
8-16-31 Narrow lateral lobes. All finely punctate on edges. No nerves beneath epidermis, with downward pointing lacini. All finely deflexed sep. met 15 mm. with downward pointing base. Filaments to 13-16 mm. with 8-10 mm. bell, spongy internal tissue. Head 25 cm. diam. (Only 14 measure). Flavilace, the outer radicula. Head in a 15 x 10 cm. (not counting bristles) involucral acts as bed.

Body 3 (± 0.5) 3.5 mm. deep furrow. V. prominent in the ridge. Brown 20 mm. deep. Bracteal smoothening black, very narrow with p. certainly twice as wide at base but signs of nervellation may be seen. Polyx (not well
bristle 2 or 3, brown). Grey or white hairs at base. 

8-16-31 Hieracium phaeaceum L. (see 5-31-31) 50 fl. Jansen

8-16-31 Hieracium salicifolium L. (see 5-7-31) 8, Jansen

8-16-31 Rumex arifolius All. Cote 147. Bnr 371, Bnr 396 and


8-16-31 Deschampsia calyptrata P. Beauv. Cote 7587, SVI X 56, S45 = Asia — 2 Bour 358, RVH 539 Fl. Japan. Fl. blades & needle (504) with the rough green ridges on upper surface connected by colorless stripes and blades rolled (by elongation) in drying. Up to 4 leaves resembling.

8-16-91 Pia alpina L. Cote III 616, Bour 369, RVH 561, S61 X 90. Fl. Japan. This is the viniparous grass common in Naya. Perhaps found with developed epibolota earlier. This area with only empty glumes & a few viniparous epibolota remaining. See 8-39-31

8-17-31 Polygonum Convolutus L. Cote III 204, Bour 273, RVH 898, S362, SVI X 714. Fl. black. Fl. 4 mm. long. Penach long. Penach English

8-17-31 Convolvulus (See 3-39-31) Fl. black. Fl. 6 mm. long. Penach about 1 cm. Fl. with a few hairs (appressed, radially in middle.) Fine, twisted (and juicy), 1 cm. lighter green than C. sanguinea, flat, & shining beneath

8-17-31 Convolvulus sanguinea (See 5-39-31) Fl. black. Fl. 5 mm. long. A little dainty, thickly covered with white hairs (appressed) & attached in middle (3X). Making a nice long whitestalked flower. 1 cm. (as in C. mad.) with hairs (appressed) attached in middle, but beneath the bases (ample & spreading)
8-19-31 Ceraea scardens Cav. BM:CP 619 Fl. Cult Hotel de la Tour, Bouvet. Corolla 2 x 2 in. Calyx 1 x 1 in. pale glaucous green. Nut 1½ indians, 5-lobed (each lobe with brown down center) St. brownish veins on both beneath purplish 1½ x ¾ in.

8-19-31 Lobelia Erinus L. BM:CP 9 x 6. Fl. H. W. 3-lobe ao acids only rounded at edge but otherwise definite on back near tip. Sicentral, shining brown about 0.6 mm. long, multicusp angled not winged.

8-19-31 Cyclamen europaeum L. Cate 555. BM 209. BM 301. SV 15 517 Fl. & & (not cut) bit at Bouvet. Ivory 6. nearly crenate, purple beneath, light green blotches above. Fl. 16 mm. high x 9 mm. diam at throat.

8-19-31 Lycopus europaeus L. Cate II 88. BM 348. BM 557. SV 10 Fl. & 16. Bouvet. BSB more than 3½ high. Stem base ¾ in wide. Calyx 3 mm - 3½ mm. high. Petiole tube is ¾ length. V-shaped split tip ¾ of the ¾ length. Petals about length of calyx, some very narrow, commingled with calyx-like. In albeit at, almost no longer that calyx-like not counting anthocyt fig. Corolla, inside sterile stamens 5 or 6 mm.
all and that top. Uncinate leaves. Peduncle or upper inner surface.

8-19-31 Lycianthes vulgaris L. Cote T 586, BM 287 BUV 301
BM CP 585 So VI 518. Fl. Buvnet. Stems with some rounded corners, hairs articulate, not glandular. Calyx 4-5 mm, red, margined lip. Callus plate on back edges but upper surface (blue filaments) covered with aciculate glands. Filament joined for about 1/3 their length.

8-19-31 Senecio tricuspidalis L. Cote T 304, BM 163 BUV 1
BM CP 696 Fl very young fr. Buvnet. 2-10 feet, bright, red, reddish at base, somewhat bluish. Epithelial cells small, upper lobes evenly serrate, lower lobes nearly entire. Fl. Hill Cote except bearnia usually again deeply toothed in leaf.

8-19-31 Adontites aerotina Reich Cote T 47 - England
BM CP 601 Fl very young fr. Buvnet. 2-10 feet, bright, reddish at base, somewhat bluish. Epithelial cells small, upper lobes evenly serrate, lower lobes nearly entire. Fl. Hill Cote except bearnia usually again deeply toothed in leaf.

(See Senecio tricuspidalis L. Cote T 304, BM 163 BUV 1
BM CP 696 Fl very young fr. Buvnet. 2-10 feet, bright, red, reddish at base, somewhat bluish. Epithelial cells small, upper lobes evenly serrate, lower lobes nearly entire. Fl. Hill Cote except bearnia usually again deeply toothed in leaf.

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8-19-31

Phacops with downward pointing hairs. Plant not at all glandular. Stems broad lanceolate 37x11
rounded at base to about 1/2mm across but with no
definite broad base, with shallow apex, thin hypanthium.
Flowers similar but smaller (ca. 1mm base)
Petals similar smaller, more nearly entire than in
upper part (infl.) (now in flower) almost true ovary
lengthens it. It is softly pubescent with upward pointing
hairs. Many buds (stems) 3-23 reflexed. Calyx 0.75mm
Petals 2+mm from the triangular lanceolate with
Corolla 8mm in dull salt pink with darkened at
base flower life. lips a body a long pet. outside slightly
by pub. inside. Anthers yellow (light beige, pale
green when young), almost glabrous (10.54) but with few
hairs which attached to filament, and a few glabrous
on leaves (making them hard to stick together) flores.
Anthers style not extended. Ovules 5-8 long,
long hair shorter than calyx with about 12 longitudinal
by leaf veins. Needs.[Common 19-31 Bowes-Rindal]
[See O. Verna Recell 6-28-33] Frequency 9-17-84.

8-19-31 Coriandra varia L. Cote I 405, An 90, 0576
BMP 416, S0X1 413 Fly in Bowes. Sepals very small
lefts vary greatly in size; those or lower 2.5 X 1mm, on upper
10 x 5mm, all of long truncated rounded rapiculata
atop. Clarly standard strongly curved upward. Style
extant such that it seems a clear style excellent
at top. Pedicel is a slightly longer than calyx. [Found late 41
t.1ng. St. Regis. 9-17-84 FL Canal north (Plate on north bank
{marked}]

8-19-31
8-19-31 *Dipsacus sylvestris* Huds. & 763 = D. Hall Cott. 4292, 0 - L. Ben. 147, B147:228 = *Salix erecta* Huds. & 5015. L. 46, Fl. Bouyer. Low erect, toothed, with downy and curved hair on midrib beneath & a few thorns on upper surface. Note at $5015$ in fl begins opening in middle.

8-19-31 *Melilotus altissimus* Thuill Cott 394, 4510 = M. altissimus Thuill 5011 398 = M. macrophylla Pursh. Ben. 76. H. v. advanced but unripe for. Bouyer. Fls small long racemes longer than 4 cm. yellow, shorter to a little shorter than the equaling leaves. Peduncle just 6 mm long, pendant, with short hair (rather soft) and yellowish yellow at base. Sepals ovate-oblong to close, base (4 to 5) smooth (not shaped like ill Cott). Stipules small, and shaped. After they often 2 or long truncate to apex, toothed. Plant hermaphrodite, spreading branches. (See 9-6-31)

8-19-31 Polygonum mitre Schrank., Cost. II 306, Bron. 375 SVK 1213 Fl. & Fr. Bronnert. Perianth bright green below, bright pink at tips. Sepals thick, broadly ovate, 3 mm wide, after blooming 5 mm wide. (SVK "mat" 15-20 mm), lanceolate to 16 mm wide, deflexed, oval shape with flattened recurved stem, 5 mm wide, style not exerted, fruit a bright yellow. The perianth shows faint traces of gland dots towards base. [Latin loc. citia minima] [8-2-33 Pl. 157] Villeneuve Bronnert. Lvs (20x) show no gland dots like P. lapathifolium. If any, they are very obscure.

8-19-31 Polygonum lapathifolium L., Cost. II 204, Bron. 275, 304, 306, 360, SVK 1218. Fl. & Fr. Bronnert. (2) Et green, the greenish white; (3) red, flat, bright pink. Both forms tend to dark spot in base. At especially, gland dots present that not defined enough to identify with other P. hesperis, which agree. Needs 3 mm wide. Fr. with P. hesperis 3 mm longer and smaller, trunk in lower third whereas P. lapathifolium trunk middle (SVK). Notable trait is gland dots like P. hesperis not cilial whereas in P. hesperis they are ciliate.

8-19-31 Chenopodium polygomerum Cost. II 185, Bron. 263, 304, 357, 367, SVK 1216 Fr. & Fl. Bronnert. Fr. with striations (20x) radiating from a apex. Data from lab.

8-19-31 Mercieria annulata Cost. II 345, Bron. 263, 804, 455, 495, SVK 438 Fl. & Fr. Bronnert (very near St. Kingiella) with Dr. E. L. perennis L. (no flowers). Et at Placentae Ch. dense, def. dense, Fr. pedicel to 8 mm long. Capsules (across 0.75) 4 mm wide x 3 mm high. Seed brown, slightly rounded.

R. 0. 30. 8. 40. 15. 5 mm. is small. Greenish, larger ones not so dark, none more than 15 mm. Blades from

floats; moss. Easily, upper blades longer (one near 3 cm. x 2 cm.) tapering into some long point. Its distal end is blunt.

at, very rough on edge. Size of leaf blade made to equal in size longer ones (Cut. says equal). Branching at mid

in half, blade, this leaf one very discolored at point of

detachment with tufts of white hair. Stems (Cut. says) exhibit a tinge purple, 15 mm. long, slender pointed. 3-fl. (Perhaps more), the lower of lemma 3 rows.

8-19-81 Ageratum rotundifolium. I. Cast. I 246, Bon 57, B. 96, Q. 585, Sunt. I 426. Fl. 4. 5/2. Bon. I. 8984 mm. I. 874. 8, 8, 8. 5 cm. in. R. 0. 30. 8. 40. 15. 5 mm. is small. G. 525, 525. Schmutz. Thellung. Sunt. I 28. Bad.


Not Calyx gland. bl. (Sunt. says always as in Sweden). St. decumbent. Rooting at nodes. Stems show not
discolored at nodes. Stems show not
tendancy to curl outwards. Ortola. Calyx marked

purple. St. not as red in effect.
8-19-31 as S. silicatrich. (common around blons) and brighter in color than S. silicatrich. (common around blons) Costia 10-13 mm. of it with S. silicatrich. Silicatrich as to all except color.


8-19-31 L. contolos autumnalizes 1. Costia 143, Box. 184, Box 269, B553. SDX 147. 830. Bouveret. Atherm. prepars, each 5 mm.

8-19-31 Cardamine flexuos. with BVR 1530, BVR 1539 Box 34 = C. silicatrich Link Costia 106, Box 37 El. V. You. Bouveret. At lentes, not thickly 22 (344) each node slight. Hybent, as wide except in waxed. I. Pedicels 3½-4 mm. (344) Stamen 6. Fr. ov. 0.009. F. 2. Pedicels more than magn. spec. 3-4 mm. (344) except that segments are often relatively longer deeply lobed a frnate or with 1-3 more small lobes or not free at the base.

8-19-31 L. cattocarum 1. (see 5-29-31) 130. Bouveret. Growing in wall with slender, decumbent almost woody (suggested thyme) branches from top) sort those throwing up many leaf (short intense) branches some bully terminates in diffuse inf.
8-19-31 Catnique Oxycanthus 1, 3V1 349, BMCP 376. 3V1 462 B11158, BM 102 = C. oxycanthoides. Thrill Code 3.66
BM 111 178 F2. Reverse. 3a Harder. 1 of 2 main heads.
Style 3a, Calyx 3a, entire but not as narrow as many of
3V1 111. Three to 2 tightly together that might be mis-
identified.

8-19-31 Panicum Crin gellii. 3V1 446, BMCP 539 = Ecinuschla
BM 352 = Ecinuschla.

8-20-31 Amaranthina retroflex vulg. (See 7-19-31) 3V1 534, thin
meshed, pink, or purple, spikes 1-2. 2nd second (not loc.) 7-19-31
1. 2 dense, dark, articulate. — Uplaid. Repig. In axile, beneath
printed at base, others with short meso-epich, down
thick, compound spike, 8 cm long in axile, terminal one similar
1 cm long. Flowers non-painted, longer than periant, thin
white except the broad, rounded green midrib, 4.5 mm long.
Periant 8-12. Linear, linear, 3 mm x 1 mm. Fluted top but slightly
notched at minute mucron, in axile, white except the
green midrib which does not reach tepals. Capsules about
8 mm, periant, midrib, labell a. 8 pointed, slender, stem.
8 perianth divisions. 1 column to a slightly glabrous, veiny strongly
marked beneath and (3x) with white spots showing in
broken lines under skin.

No roots, less notably removed, but the lower parts, gardens among the 5-20 mm wide x 5-12 mm normal. Dented from the J. P. Pneumonantia. Flaxellaceae (J. P. - has longer one at least pedicel). Calyx clearly tubular (a branching on very side x spatuliform), with very short linear, distinct teeth, from the truncated Venus. Calotte lighter than J. P. - with less of longitudinal bands outside with dull dots all over the inside surface. Leaves almost plainly that seeds will be "ringsum breit gefüllt."

8-21-31 Arctium

Fly. same speciops same place as 7-19-31. Root thick (40-13 mm) swelling to almost 2 mm toward point, then low enophile, jard. Creeping, with many thick side roots, but none found enlarged to tubers. Some found only shallowly buried and containing root, which are liked almost to midst, and sharp pointed tops. Best guess is that this is hybrid J. C. L加固um Scap x C. aculeum. All both common in general region or Jard. L加固um Scap x C. p. t. arvensis Scap. See STH II 360
8-23-31 Sorbaria sorbifolia C. Re. BMQP 363 9457
Syr 1/4 1-50 Emicite fr. Cult. altem near beginning upper path to 2nd sand with spreading from garden. Dr. Yale Branch Tree. Reddish V. Red-colored upper petals very finely pubescent and like young leaves with hares. Discovered from stilted pubescence. Pubescence scales emphyse in long loose coats. But as capsule are somewhat pubescent consider S. dicentraefolia Schmid. BMQP 369

8-22-31 Saponaria officinalis L. Cote I 186, Bon 46, BMQP 463
3-386, BMQP 365. SW1 2351-8 young fr. Alion. Repeated to C. Alion Nascine in all perhaps escaped. From elsewhere 16-26-34, Fl. Alion's v.v. Fl. double and 37 examined.
5 had 3 stigmas while 2 had 2 stigmas. Another refers correct.

8-22-31 Cerophyllea nodosa L. (See 6-917-31) Fl. Alion
Capsules 5-6 mm high, acute, sharp pointed. (SW1 1588)

8-25-31 Malus sylvestris L. (See 6-1487-19-31) Fl. fr. Alion
Emicite fr. with yellowish mostly bulge to uppper part.
Ripe fr. met ridged (pitted) with edge of carplike sharp.
Now green (Cote?)
8-25-51 Campanula
Fl. Klein, Rock west 1 of Klein just beyond
I agree only, had been cut as only 2 handled. 11 in long narrow,
swollen vues at joint attachment. Plant has 2 large green leaves.
but is pubescent with stiff undulated hairs. Lower pubescent both sides with stiff hairs. 20 cm to 5-5 X 3 cm lower
less smaller, obtuse, rounded leaflets at apex, narrow.
leaf base with blunt petals, tip of blade is long lanceolate, sharpest at apex 3 or 4 with point or no teeth.
Lower leaves more developed, only ½ as long as subterminal 20 (3½
high to top calyx. Petals yellow, almost 6 triangular with
rounded corners. Apex petals is slightly navicular (4 1/of
left) 20 X 2.23 mm Calyx tube 24 X 25 mm. Sepals 1.4
petals 1.5 mm. Stigmas seem all of equal length, shorter than corolla. Stigma & petal. 5 folding
hairs on stipe, have small green tuberculate base. Capsule
with 5 fold hairs, the oldest one now 17 mm high.
See O. biennis, Cate I 18, Pm 105, BM 1976.171.1976.5, 578,
BMCP 550, SVXI 470. the chief feature which is the bracts shorter
than a scarcely exceeding the capsules.

8-25-51 Campanula lanata. BMCP 741, SVXI 1553
Fl. Klein, Rock west 1 of Klein just beyond. Stems many, want 3 to 5, not branched, persistent and hardly formative. Petals
less on long pedicels. ovate, cordate the sinus squarish
at base there bordered by veins, the lobes rounded
rounded, broadly acute at apex, scarcely crested, roughly pubescent above, softly tomentose beneath. 5 3/8" x 5 3/8" in. [Sep. 17, 1976.]

2 ft. by 3 ft. base. A relatively smaller, relatively broader, deltoid in the broad sense, more deeply crested, rougher both sides, more not tomentose beneath. Leaves one to two per each,uppers are adaxial becoming decussate (1.5 short to slender). Cotyled white (sometimes very bluish, tinged green) 3 cm. length x 2 - 2 1/2 cm. diam. at tip, cut 3/8" length, glabrous, inside very short pubescent outside compactly ciliate with hairs 1.5 mm long. Calyx 2 lobed, male calyx, 1 cm. (aimed to tip) acute, edges reflexed, rough with short hairs, each sinus with oval (rounded) papillae 5 mm. (aimed to tip). Cotyled for smooth, be called "long, flat, and at each sinus is slightly pinched out and not hardly "appended". Florescent at root, my short peduncle or in lowest axillar peduncle to 5 mm. with 2 tiny bracts. Leaves at base are small, nearly in axile but these seem not to develop into handkerchie. After soft flo stand at 7 cm. at 10 cm. Coleus flattened. Bulbs this could be broader late. [8-5-34] 5-fl. pendule at 1 cm. it could be called "tomentose". Plant escapes to paths or a V. M. has claimed it possibly it becomes a "weird" in her garden on Del. Wight.

8-26-81 Stellaria aquatica Seps. A 533, Bo. 1474, 8o 11' 235" = Malachiun aquatica Fries. Br. & T., Cerastium aq. circund. Catt. 215. Fl. P. Charne. - Bent. Enum. (Schie. De. publ. from ab ac collected). Fl. 12 mm. diam. pole 10 cm. higher only slightly exceeding calyx and 3mm. seem almost equally 10 - toothed. loc. 2 x 1 1/4". [S-35-34 Fl Styles alt. with sepals an leisure. Catt. v. Bo.]


high, stem almost glabrous, pubescent in vin. deep red. in similar to R. retroflexus but with no rhombic tendency, 2 axile 1 loc. main c. flat-topped cluster of flower buds held high. Upper half of plant, domes, 8 narrow (1.5 cm wide) leaves in flank: middle flower like those in axil inflorescences. Silhouette as might be produced by vertical arrangement. See R. fr. "clumping." Most of species long-mained certain times as long as parent size. Differ from R. retroflexus in being lanceolate with acute mid-vein prolonged into short tip. Sepalas pointed, longer than petals, unequal at top, deciduous, and rod much like ill (Cory) A. panicea. But (except that the axillary clusters not long as ill. Differ with same early appearance as R. retroflexus. (See 7-1933-20-31) somewhat off. But consider A. panicea.

8-26-31 Equisetum palustre. Cota II 715, Bar 389, BPR 592. 9 53, SVK 146. P. fe. "Charme. Form apace (top gone) clad with other plants. Ident by lack lanceolate, obtuse, margined leaf; center leaf longer than others. Longer, fascicled branches shorter than 24" leaf (SVK 146) Branches fringed (more heavily than 9-17) but much less as than ill Bar) and somewhat 2-cit.

8-26-31 Equisetum palustre. 2. (See 4-25-81) Equisetum palustre Cota II 715, G. 24. 8-10-31) "D. fr. symp. prom. (2x) sparsely (54 and SVK 85 near them) but not promising to be reticulated as in A. fruhstiehne. Deta noda practically smooth when ripe.
8-26-31 Torilis arvensis Linn. (s.a. 7-10-31) Fr. Bongers, Alenay, cd. with T. anthropica Lindl.

8-29-31 Gentiana Campestris L. Cate II 561, Box 216

8-31 Gentiana Campestris L. (type) campestris. sin. lower leaves spatulate. 3. heads at apex. v. m. low young short present. this not mixed with any remains of last years loc. Fl. Navy (late from distant Chamonialag). Fl. 2 cm Aug. 8 (bent corolla). v. 2 cm across. v. 13 mm wide.

8-27-31 Cereus alpinus (L. Cate II 84, Box 105, Box 150, 665)

8-27-31 Butchart's cactus. fr. Vigne-Caux. perhaps separate from Soreneux-Caux. Of Keith C. littoriana L. Butchart's name minutes. But this is broad at base (20 mm) with minute linear tips. Petals promise to be about 1.5 cm longer. In all needful. But note that petals are rounded (not angular) with a few hair on edge. St. simply finely hairy. Calyx less than 2 cm long. Plant leaves all under white pinkish color. 2½ cm long. Lower nodes pedicels 1 cm. tuberculous (bud enlargement). Plants 6-in high. Sometimes branched from base, the branches somewhat tuberculous, pinkish at lower end. Calyx pinkish, 1 cm long, (i.e. tubercle effect between which in C. littoriana is 1 cm long).

8-27-31 Sedum montanum Bong. Per. Cate II 117 = S. ochraceum Chaix var. montanum Burnat. Sorte 117324 (see also d. vill S. au Patalon L. Cate Box 111.)
Fl y young fl. Cauca la Ceige abr Sornaxn

1lapaltech short rather compact with fls (more like illilll) respect of AVH 339 then like illilile) Sepale

Stilchara acute a little concave on back, 4.5-mm long

Fully half the length of 8.9-mm petale. Petalalacant linear longer

Stem centered part about middle, Pulty cente, concave on inside

Sukerless excturn spreading flat. Sepale petale cap

seraarily (1) Stevenaglabr. Sepale 5 6 prominently

Glanidale. St. 12 x 2.5-mm always parted 3-4 x 33 FL a

Same after with sterile short to exactly illilile)

8-27-31 Verbascum Lyallinita 1. Cote 2.621. Bon 2.358

S0 x 339. 479. SVK 58. FL just above Cauca la Ceige. Gfd with

Verinum 1 and with plant with flat umbel of 10 with

Char (as soon near) of V. Thalpe 1. (8-14-33 FL at some place)

8-27-31 Acornium Lycopersicum I. (See 6-30-01 24-31) flacuneto


widely divergent. Unipte anes begin to show mung on

some edges.

8-27-31 Acornium paniculatum L. (See 8-16-31) flis 50 young. fl.

Carpels now very young not widely

divergent but as much close those of similar age in

A. Naples L. The young seeds (which look as if they would

mature, thus riling not 2. intermedium DC. SVK 238)

begin to show wrinkles on valve. Note a variegation of

only two par. SVK is date AM 05.285 as without mani

fit of protruding rises, but see SVK "from in reman.

Salmeski"

Ongygoan"
8-31  Perastrula dinofructa L.  Cote IX 45?, Bow 131, 867 358
Suff. 97 178  (sep. macrocephala Perg since he gave 2cm long and 1/2-inch aperture 8mm diam. ) 78 feet
below Sandbag on path to Soakwaux.  Exactly like all
Cote) except fl. not blanched.  Calyx 8 mm.
Terminal upper-auxiliary clusters.  Plants 12-27 cm
E 26-34 flowers.  Nage.  Size 13x9 mm., Achenes 5
mm.  Sta 12-24 inches.  All broadly rounded at base;
bracts glabrous except woolly calyptra.
8-31 31?  Pseudoculmum  Crematocerus  Monch.  Cote IX 177,
Bow 131, 500.  Crematocerus Nage.  Soakwaux pap in upper
part of path.  Identified chiefly by curious calyx involute.
Main secondary calyx bent backward.  On some
leaves of capsule this broken.  This char. not noticed un-
til this had been exposed to air for a long time and was not
apparent when growing.  St. 18 cm.  8 fl., 8 fl.,
with lighted calyx edges, involute.  Numerous
linear retrorse bracts.  One calyx had 25 days 1/2-3/4
in long, spreading calyx slightly convex, about in
fla.  Rays ridged, rough pubescent.  Petiole 8-14
mm.  Fl. 9x9 mm.  Calyx not quite aside, curved on
edge with 3 broad ridges, slightly involute at base
but hardly as at apex.  Style 12 cm., reflexed, the reflexed
style 6 cm or a little longer.  Conium 13 cm, 2 mm.
Reched nec. curved outward to parallel margin, space
1 mm.  Brown nec. slightly curved outward, space 21 mm.
Brown nec. space 1 mm.  Green nec. space 2 mm.  Calyx
both ends very small.  Reched strictly.  At one
instance, margin finely absent (3cm) but could
hardly be called ciliate.  Style abruptly enlarged
into thickly woolly calyx at base usually point clothes.
towards top, with ascending black capillary clubs. Basal leaves long, flat-topped, distended like #2, but more rounded, triangular, sheaths small, 1/2-bladed, to 10 x 2 in. Compound with the ultimate leaves (3 leaves) 2 mm wide and 10 mm long, sheaf pointed with reddish, pellucid, ellipsoid, collar [part of tip] Shape julare, most like Bell Cat. 11.63. Panamianum rich, which seems more likely 1st choice. But Plantae points to Pseudanthera.
[See Cat. II 174, plants vary 3 points away from Pseudanthera].
[See 8-14-35 and 8-3-34 which makes it probable that this was Panamianum rich].

8-31-31 Senecio vicarius L. Cat. II 302. Bov. 163, S.W. 254.
8-31-31 Sw. K. 169. FL. Pat. Santol. - Senebirus. 5 ft. N. B. 5 x .15 (Hard) spreading at edge, & r. am. S. 12.3.

& flowery, evident between ligules. 3 ft. to 3 ft., purple-leaved 1 plant 10 ft. Center Rehmann pubescent, head in 1 ft. x 1 ft. many much wider as developers. (S. M. F. E. Aug. 2-31).

8-31-31 Epichloe monstani. Cat. II 169. S.W. K. 1.5 x .6 mm 
2.8 mm, rounded, flat, edge, distinct, narrow, middle, rounded 
edge, outer surface, brown, minutely rough. llfl.

8-31-31 Epichloe monstani. Cat. II 169. S.W. K. 1.5 x .6 mm 
2.8 mm, rounded, flat, edge, distinct, narrow, middle, rounded 
edge, outer surface, brown, minutely rough. llfl.

8-31-31 Epichloe monstani. Cat. II 169. S.W. K. 1.5 x .6 mm 
2.8 mm, rounded, flat, edge, distinct, narrow, middle, rounded 
edge, outer surface, brown, minutely rough. llfl.
8-27-31 Cardamine flexuosa Wall. (She 8-29-31) P.O. Anahawd F. Noe-Caux Red on upper path (wet) Bonevaux-Caux.

8-27-31 Ribes petraeum Dol. (See 8-28-31) F. Noe-Santody-Bonevaux.

8-27-31 Lonicera alpigena (See 8-29-31) F. Santody-Bonevaux. Observed on same bush as cd. 8-27-31 and cd. from others in vicinity. Standardbush is 8-27-31 tree only in severe dry places. Edwardsian migrate from nearby. Flowers, grayish (esp. younger feathers), feel more much about 1 1/2 incline to be erect, has almost twice as large 5.5 x 5.5 cm, greenish teeth of leaf but six well de-veloped, superbly (esp. leaf) cut, accuminata at apex, hairy on edge beneath, but somewhat shining yellowish green beneath.


pete Sonchus - Caux (1) Stalk 7 in, blade 13/2 x 12 in. Scales lanceolate, acuminate, darker in center. Primary divisions acuminate. Lower leaf petiole the lower 2-2/3 times as long as upper one, 1 + in. Longest 3-pinnate leaflet divided, slightly toothed. Reclusio scalaris under side almost to apex. Foetal glandular. Reclusio indicia gland - ciliate. Sali indicium villi (generally). (b) surely same 2.35 but sccalis not darker in center. Sali (indicium feet) hardly more than 1/4 as wide.

8-29-31 Dentaria digitata handa (Suite 5-29-31) F2 repaper
pete Sonchus - Caux, not infrequent.

8-30-31 Glycera plicata Fries Cont - II 668, Suit 79
BHT 21/2 x 4/3. Fte. Sonchus - Caux pete, wet places near Chalito. Stolons yellow +11 mm long, lemma 4 mm. Floral sepalae (smooth in general) 3 to 4. Flattened at the margin. Spikelet 15-17 mm long, 2 or 3 branched, ings. not one sided. Ligule as in BHT 4, but less ciliate, almost smooth. This is pete the same as 7-11-31, remains now spreading.

8-31-31 Veronica fruticulosa (See 7-5-31) Fte. Seeds numerous, pete, thin edge, elliptical 3 x 1-15 mm.

8-28-31 Liquorice vulgare L. (See 6-14-31) Fte. Licorice pouting adults at one 8 ft.
8-28-31 Veronica alpina L. Cat. #59, Box 236 BHN 346 (alpens) 8415 593, see #128. Fl v fr. Rochade Naye. Note Cat. mislabeled in says 2nd leafless or no other manual says so and SV says "brienzii" place on it. 300 glands on many glandular face. Plants 2-3in. stiffly upright, slender creeping base. St. capillary v calyx elongate with longish white hairs. 135 x 16 x 10 mm, glabrous or with few hairs or edges Coarse 7 mm wide. Pagodes hairy 6 x 5 mm, blue-green, habit not noted in handoff. Style 1.5 mm, Seed small.

8-29-31 Campanula Schelorgeri Vill Cat. #502, Box 199, 8415 639 F. Rochade Naye. Portulaca slender creeping. St. somewhat decumbent at base, some ascending 3-angled, stiff prick, angled plus tawny, glandular, awnless. Dishomoneus leaves 3 / 4 ft. Middle leaf 1 3 ft. Teeth lanceolate to 2 3 x 5 mm, acuminate toothed, decid, entire leaf toothed, short hair in edge, with spread white hairs on pedicelate base (same as sometimes found on sides 1 / 4 ft). Upper part 1 / 2 ft. with distinct whitish nervation with united 2-3 ft. Cotyledon flat, hair large v open; 23 mm long, very much v, cut 1 / 2 length in broad, stone-like with narrow cork. Calyx tube 4-5 mm, its tubular erect; 1 ft. 10-13 mm. Hair notting. Not trend if tube not.

(Sue 7-25-33)
8-29-31 Euphrasia minima Jacq. Cat. 1844. Spec. 610. F1. Creamy-white. F2. Joway-Av mediocris, but 2-in line, simple, 2 with 10-2 branches at base-middle, Corolla 4.5-5mm, yellow, upper lip bright yellow, lower lip bright yellow, style as if it grows to yellow-flushed calyx beak, longer, stamens, and reaching to top of corolla. Fl. smaller than 2-3 minuti, but distinct, with down curved hairs, no almost glabrous, teeth sharp but not at all blunted. See 8-27-31 W. Fuller, Dene.


8-29-31 Vaccinium Mystillus L. (See 5-12-31) F1. Joway-Av. F2. 1 cm. F1. Medium, dark blue, black. F2. Black. Calyx teeth, inviting to black violet, the entire calyx limb, leaving to open.


only grows but no P. with the little cornell around a little (date) and o'clock at about 8-30 A.M. Plant with too much hair for E. globatus Upper Hackensack and a little more for E. capreolus Meuse O. V. F. 67/1 See 7-25-33 to prove that this was E. globatus

8-31-31 Lasagopodium Silic. 1. (see 6-30-31) Fl. Nage. Flowers slightly purple, 1 cm high x 4-5 mm wide, many of very narrow styles strongly reflexed almost 4 mm long, style much longer than the gynopodium. F3 with ferruginous odor not quite like amide.

8-31-31 Thalictrum aquilegifolium 1. (see 6-12-30-31) F3. Two 18 Centenlly - Janam. Flowers (Cat. V. Gar) with 3 petals on the Sanges; 2 sides flat, the S. side with a long indurated ridge (like a small ridge) in line with the style


8-31-31 Aspidium rigidum 1. Sur. = P. Polypodium DC. Cat. II 697. Box 177 = Dryopteris rigidula Endress = D. Villarsii H. Wag. in S. H. S. Fl. 901, 902. Fringe yard from Chamaeleon Jones Ships 4½ in, blade ½ in, S. edge maculatus almost red, with very slight scales. Blade gray-green often, hi-
pinnate below, bi-pinnate above, teeth blunt but
charte. Spike, plack (left side) vandescia oblongely
but leaf (top) glandular. Epandria lightly shaped
persistent. Sari mm (slightly more) in 2 distinct
row near mid rib, not reaching bend of reg., but
foundsalmiata quits to uppermost to pend. Cor-
section glandular above Stipe bundles.

8-29-31 Aesculium Feltia - man (see 5-29-31)
Sp. ReBenacaba.

8-29-31 Aquilinum inneri Red. Cati 195, Box 48 E. origi-
orders Dalla Torre 138 # 69, Sort 232 F. Redondo Naya eastern
ridge. Sepals 5, glabrous, oval, very soft, thick, narrowed,
closely appressed to capsule. Sepals 3 mm high, capsule
projecting 2mm. Styles seen. 5. Petals white about 1/2
longer sepals, thick, entire or a little cleft, at apex not
membranous. 10. Capsules opening straight, round
valve (to top calyx) often 5 but sometimes 4 or 6 (perhaps
by one valves splitting again). Seeds brown minutely
tuberculate (20X) their semi fawn shape variously altered
by compression, about 1/3 mm longest dimension. Pet-
median 1-1.5 mm many on less curved (Box) 10 to 13 x1 mm,
membranous alineulate at least in young. White plant
glabrous.

8-29-31 Anemone marciisiflora L. (see 5-29-31) F. Redondo
Naya
8-29-31
Nerve, deline my flat, slightly obviate, 6x5 mm, with st. 7x1/2 mm, reflexed along inner edge. Nerve undulate, brown, glabrous.

8-29-31
Poa alpina L. (see 8-16-31) Fl. and ripensous plants (the 2 forms on same plant, irregularly young at first, short at base, short to truncate, ligules: culm: blade elongated, seed: Sporulate 6 mm, lemma: 5 mm. Lemma: little pubescent on back 1/4 mm. on edges; back 1/4 mm. at stem, pubescent on surface between, season not, not widely at base.

8-29-31
Phleum alpinum L. Cent. 870, Box 350, 37.1 X 5.32 X
129. Fl: Rock of Nav.; Alum. Fl. 10 in high, near to 2 can, high, thick, base plant 3 or to 3 1/2 mm high, bases 2-3 1/2 mm, 30 with P. xanthina.

8-29-31
Pimpinella major L. (see 8-26-31) Fl. Navege. Fl: 5 in long: 3 in wide, and as wide, slightly more, also smooth, with petal (bracteoles greenish) but ribs not pachydermic.

8-31-31
Epilobium frigensum Deland (see 6-6-31) Fl. Navege. Capsules pubescent. 2 1/2 obviate, 3 x 1 mm. Dis- tral, minutely rounded, edges rounded, nerves flat. Side 1/4 th, broadened toward top and narrowed toward base, brown, not ripening.
83% from applesauce.

9-2-31 Evonymus alpinum, 274, 156, Bon 135, 6470 561, 3451, 597 F. Left hand side on slope eastward.

9-2-31 Rhamnus cathartica, 274, Bon 222, 814 394, 8355.

9-2-31 Rumex crispus, 274, Bon 222, 814 394, 8355.

9-2-31 Erigeron Karvinskianus (See 5-31-31) F. Negy.

9-2-31 Indigofera Serpentina (See 6-24-31) F. Negy.

9-2-31 Erigeron Karvinskianus (See 5-31-31) F. Negy.

9-2-31 Evonymus alpinum, 274, 156, Bon 135, 6470 561, 3451, 597 F. Left hand side on slope eastward.
9-2-31 (Cephalis cappadoicica DC. Cato II 871, BM 83, BR 129, SW 1 411 FV, 16mm prep fa. Rockford, S. Nem. short blunt tip on petal toward S. toward C. 16mm long back, yellow, white, with 2 df. yellow patches on standard and level, if purple spot below, spicate tip. Hairs (all) apparent in calyx, some white, some dark, on middle leaf. Digits united with each other with petiole but the base-rotate, tips free. Digits of branches with larger gland on edge. Filament sterile. Buried not half as long as calyx, remaining on peduncle after the base fallen, with wnt forming fr. fr. 1 to 1.35 mm, lanceolate, always pointed.

9-2-31 (Cephalis cappadoicica DC. Cato II 561, BM 316, SW 1 526 FV. From slopes well below S. toward C. 16mm prep fa. Rockford, S. Nem. short blunt tip on petal toward S. toward C. 16mm long back, yellow, white, with 2 df. yellow patches on standard and level, if purple spot below, spicate tip. Hairs (all) apparent in calyx, some white, some dark, on middle leaf. Digits united with each other with petiole but the base-rotate, tips free. Digits of branches with larger gland on edge. Filament sterile. Buried not half as long as calyx, remaining on peduncle after the base fallen, with wnt forming fr. fr. 1 to 1.35 mm, lanceolate, always pointed.

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like flutings deeper than the space between.

9-3-31 Alcantus bycastanum L. (see 6-12-21) CSF.
within abax. Fls fr. Nape. Scale similar to abax but ridged and def. fluted and less deep than the space between

9-3-31 Delphinium Laterum L. (see 5-16-31) Fshadanced
fr. Nape belowSamtoly. CSF with the abax to include it very
similar in general look to both vs below the sharply
angled ridges (now) at all liancea ridged. Both

wished not only by same lancea appearance but
the stamens follow the ensipe carpel finish.

9-4-31

"Phasmaceae, a nearly family Fl stamens
+ Cult. lime toward Viove. Trelling in changing one
wall) but no tendrils and has a slender Distinct
ceiling. Lvs. alt. 3x3½ in
cordate, sometimes def. sometimes oblong
middle拓宽ly crenate, acute or acuminate, each
long, almost sin and without venation reinforced.
"Phasus" 5 in somewhat pendent. Petals about
open decreasing those found towards our own
what others it is somewhat different indicative of the
Petals 2 and not 3. Soft, small, compound leaves
Modified in habit so as to not yet achieve"
7-4-81

Dioxy campanula 14 mm rigth with velvety rounded
tap. Colloquially looks more erect, pendulous, point
excrescent. 28-20 cm. 44 cm. 2 mm. vesicles between Dioxy
and a very apparent distich of the 13 mm wide laminae,
are opposite. Side veins in articulate triangular pairs, with a
yellow-splashing intramarginal. Style short conical, its ovary
red-blotch marbled. Ovary distinctly 12 mm in fruit but
7 mm in plain surface. Calyptra dish-shaped, plainly belted.
Very 2-celled with 2 ovules in each cell
(1-4 mahning). One attached at base. Calyx is unlobed
7x9 mm green with very dark spots, being the typical
thin ovulate. See Anaclopsia BM 100-779 "mostly
red-thistle-flowering"

9-7-81 Hypericum pulchrum. 1 bm. 25.04.05.05. 0.138
unripe fr. Near clove. Nectar in crystal-shard, 2 to 6 in
highly pinkish, angled, not slender, pliable. 13 cm 
from base, intenitely 2 in. Stems and leafy, entire, of
fine, very firm, glabrous, dark green or grey, finely check
of very pale green beneath, the sepals 2 x 2 in. Flows by
a peduncle 2 fm. Repels large (largest to 7 in) birds
rounded vertex, with faint purple ciliation. Septs. Pre-
form almost in line with leaf, when cut, a clear, staining
juice with slightly acriduous odor. Not conspicuous
in flowers in center, with very strong
yellow throat at anes and bud 
offering into wing. The many pales
branched in each side of this floral part
hence appearing at first righter wing.
9-4-31 Lamiunum splendenscule. L. Est. 1510th, Rom. 752, 604-371, 78.3, SWT 561, 1. Wakle - very. Plant with
304 x 2.4. - No flowers. 3 to 8. leaf blades, hairy
inside (3X), the leaves very round, compend. 4" x
the flower. Cal. 8.4 x 10 mm long tube enlarging
rather more gradually than the Cala). inside 20 x
at apex as Cale (2 x 20 x) with thin teeth between,
the lateral lobes small at with definite appendage.
Tubed styles here a not common
frenchise and there is a very few near 2 x
apex of the petals. very distinct outside.
Inside there, very dark brown. Petals back down,
Corolla has slight outward blade at least first half of.
Tubed styles here a not common
frenchise and there is a very few near 2 x
apex of the petals. very distinct outside.
Inside there, very dark brown. Petals back down,
Corolla has slight outward blade at least first half of.
Expression are not quite like. 20 x 2
at apex. 6 x 2.2 which extends V adapted upward
in the 2 edges. A latex stage. Carpels more or less clustered
with white cambric effect.

9-4-31 Matricaria Chamomilla L. Cat no. 343 Ron. 167, 8x347
847 SxKI 684 FV fr. Almagn-Vevey. The fruits rhombic inside,
Faeole distinct (20x), Head have apple-like odor.

9-4-31 Lamiunum purpureum L. (Sea 4-19-31). Flowers fr. 95 x
with 3. angles转载请（second row). Appendages remall. (20 x)
Note 8x1 361 dark anthocyanin orange. color is given to
the maceration.
9-4-31? Mentha viridis L. Cat. II 80, Bn 2445 = Medicinal.
716, SW I 576, BN I 357, BMCP 645. [Vimanapra fle. Well Blaghy]
Very, perhaps cult. Stol purple, ify purple abloom.
Green leaves (ovate hastate less than 2 mm. Plant glabrous.
except pubescent on petiole calyx teeth. Dull narrow keel 1/3 in x 1/4 in. Brady linear about as long as calyx. Calyx nut.
Slightly but long incurved. Calyx tube not numeron.
very distinct may be more than 10 (204) Ident not at.
 Issues.

= Narcissus sylvestris Deve. 431: Rosiia. silvestris.
Beaup. 2 X 300. From young divided 2 x 2 Centety.
In root. Chamby. Ident. as nearly perfect A, B, and
very blue ill (Cat.) Sepals urate def. yellow, the capsule.
somewhat as triangular. 6 x 1 mm. high. Petals about 5 to
longer as sepals. Ovid not now 1 mm, from 7 to 2 is.
1-5 seeds only maturing but abortive usually in
2 rows. Intensively elongated after flowering blue ill (Cat).
Pod contracted under stigma as ill (Cat.) [In the light] 9
8-19-34 This iden seems sure.

F1 large (4.5 x 17 mm) the reflexed sepals falling when.
collected.

9-6-31 Bidens tripartitus L. Cat. I 357, 391, I 620 =

P. 2-fl. 3-fl., somewhat pubescent, subulatif, with
margins, somewhat 3-nerved at the 3-leaf nodes
branched from the root and base. 2-2.5 to
3.5 ft. Dark green, somewhat red-viney with many fine
hair down, until Achenes 6mm., 2mm. with
narrow pointed bars.

9-6-31 *Lychnis alba* Mill. 6384. Bv. 457 = *Lychnis
punctata* Sieb. & Zucc. Cat. 45, Bot. 245. Bv. 45
*Melandrium album* Rose. 
with 5-7 mm. St. x 5-7 mm., which with few
5.4 mm. St. inflated, grey gland-felt, red-viney. 1 ft
open at 6-7 pm. nodally red-tinted.

Nov. Fl.

9-6-31 *Symphytum officinale* L. Sv. 381, Bot. 220, Bv. 525
white. 18 mm. long.

9-6-31 *Dandelus arvensis* L. Cat. 2 437. Bot. 187, Bv. 272 8
865. Fl. ad. fr. Brunet-Nov. Achenes brown 5x4 mm.
[7-19-33] St. pubescent yellow as does Sv. 343726]

9-6-31 *Pulicaria dysenterica* Gaertn. Cat. 215 = P.

Barb Bumal. Sv. 1676 = 

Smpa
9-6-31 Emula—L. Box 171, 894+143 F. Links foot of Bouvier-Noiret. Near Tendim. Ground dark in sun. Stems 14 mm., often with long nodes, spicate, unifoliate. Petals 4 mm. long, 1.5 mm. wide, 2.5 mm. thick at base. Sepals 1.5 mm. long, rounded, ovate, in pairs, 2.5 mm. thick at base. Stamens 4, linear, appressed. Style base long, slender, not antrorse. 

9-6-31 C. lacera. Bell. Cat. II 445, Box 130, S&T 731 F. By young fr. Bouvier-Noiret. B. in high. 7 ft. tall, sparsely covered with long, narrow, lanceolate, linear leaves. Petals 5 mm. long, 1.5 mm. wide, 2.5 mm. thick at base. Sepals 1.5 mm. long, rounded, ovate, 2.5 mm. thick at base. Stamens 4, linear, appressed. Style base long, slender, not antrorse. Clasp head about 3 cm. diam. when open. Petals white, dentate.

9-6-31 Discoella. Petals 4 mm. long, 1.5 mm. wide, 2.5 mm. thick at base. Sepals 1.5 mm. long, rounded, ovate, 2.5 mm. thick at base. Stamens 4, linear, appressed. Style base long, slender, not antrorse. Clasp head about 3 cm. diam. when open. Petals white, dentate.

9-6-31 Rhamnus frangula. L. Cat. I 275, Box 64
9-6-31 E. europaeum L. Sp. 449. BN 63. S 556, BN 189 = E. vulgaris Desf. Cate I 391 F2
 Bouvetet-Noville. Branches (3 ft.) from long, deep green, 6-angled, 2 cm., bearing 1 oz. from pedicel 1-5 mm.

Bot. Notes.) Plants upright, 3-5 mm., flower 10 mm.
2 ft. to 2 1/2 ft., leaf with short lateral branches which terminate in spherical inflorescence. Long astragalum thread,
at base, with culminatory leaf rooting at node. 11职权, bose, calyx articulate.

9-6-31 Lycimandra L. (see 7-19-31) Flw. 2 Bouvetet
Noville, leaves parallel, leaflets 3 1/2 in. long and 1 1/2 in. wide. with
beavertail, 2/3 in. apart. Capsule spherical, green, longer than calyx. 2 seeds angular, with ridged round
back, embedded in long, tubular placenta. Seeds browned
with thick, whitish, fuzzy coat.

9-6-31 Daphne binaria L. (see 8-25-31) Flw. on
waterway, shortly beyond Bouvetet, or way to Noville,
9-6-31 Iriuj. To boats been on lower part of 24-24-40 in.
the upper 10 in. a 2 foot, breast 6 feet. Mr. Below this
terminal spike a few auxiliary short spikes, JF, young
JF with 3 feet, 1/2 inch shorter than the
spikes. F 36-34 inches, petals longer than
wintered. In 15 every 1 cm. Calyx tube about 2 cm.
Refl. Calyx tube 18 mm, petals 19 mm long.

9-6-31 Erneantherum lanceolatum Reichl. (See 5-26 17-26
-81 F 10 ft. Convect. Pod 2 3.5 cm. Fruit 5 cm in length
containing a seed. Pemen. single-petaled (20 X)

9-6-31 Artemisia vulgaris L. Cote III 332, 165, 341, 351,
& 349, F 10 unpetaled. Convect on 5 ft. high stems
before death to 17-34 Vf. Noten. Note the F 5 ft. with slender
lumbar corolla (Sw 11 4782)

9-6-31 Matricaria inodora L. Cote I 333, 167, 341, 346, 347
11 28. F. Convect with 1/2 2 3.5 ft. high, 4 seeds, filament
5 mm wide, and not grooved above (as B 349), but diameter
anders, inc. glabrous; petales more than (Cote B 349) 1/2
with M. Chamomilla L. 9-4-31

9-6-31 Humulus lupulina L. Cote III 257, 262, 284, 341 474,
677 K 10.5. 3-6 ft. Convect. 3-6 ft. high. Only remain
its Rachel to 3 ft. 2 Lab. very glabrous at base, but 1/8
9-6-31 Rumex conglomeratus Mus. Cate III 199, Bot 379, Bot 393, 4356, SVT 205 Fl/Fls. Bonnet-Noir. In lower basal part of st with many slender spreading basal leaves, upper half (ascol) suggesting ill. Cate 379. tubers 2x1 mm, platy, entire, equably tuberculate. Tubercle proportionately large but as Cate says not covering the whole length. Many quite the whole width of the valve. Lower seeking for pedicle of main leaf 1 mm (SVT) often less. Difficultly by.

9-6-31 Phragmites communis Trin. (See 8-19-31) Fl. Frequent Bonnet-Noir. Tubercules apparent (20X)

9-6-31 Sedum dasyphyllum L. Cate III 115, Bot 112, Bot 167, BM, CRP 319, SVT 223 (See SVT 144) Running thripf. Bonnet as wall just east town. Inflorescence slender, mechanical rate 1.5 to high to soil level, flat leaf. Rest of plant like from seen in Napa but not glandular. For perhaps the saltier place (20X thripf. at least) might be considered glandular.

9-6-31 Pelichates alliaceus Thrall (See 8-19-31) Fl x 2. Bonnet-Noir. Pod black, splitting at the yellow back so as to allow seeds. (SD A. alliaceus J. P. Jaenischman) not rupturing.
9-6-31 Sepaturting calyx, reticulated. Hairs which are evident but appear inconspicuous. Often obscure when
ripe.

9-6-31 Cerasus decidua. Miller 1905, BM 35559, SUK 031 = l.

9-6-31 Cerasus. Cote III 284. BM 378. F. Novilla. 3-5-37

6 cm. 1 no. 8-54 mm in same bunch.

9-6-31 Prunus spinosa. F. 14 541. BM 5553, BN 582,

8/19 F. Novilla. Oldest Plate 12 198-29-31

9-6-31 Cherapeum album. Monr. 125

9-6-31 Cherapeum album. Monr. 125

9-6-31 Cherapeum Aptianum. SWT. 330

9-6-31 Cherapeum Aptianum. SWT. 330

9-6-31 Cherapeum Aptianum. SWT. 330

9-6-31 Cherapeum Aptianum. SWT. 330

9-6-31 Cherapeum Aptianum. SWT. 330
55 x 35 mm, near lobed, almost entire. Slightly toothed at the undent point (above the deltoid base). Apices vaned, smaller than lanceolate entire. Leaf may be called blue green. Cells in leaf effect being polygonal. Petiole orange-red, edges with prominent green line. Leaf large, semi-horizontal, 13.5 edge barely sharp, smooth, shining, fully 1.5 mm diameter. Next best guess is some form of Calceolaria
See SUM 75.

9-8-31 Crataegus moyanti (See 8-17-31) F. Caux greenhouse. C. monogyna jacq. leaves remaining green. F. leaf large, semi-horizontal, 13.5 edge barely sharp, smooth, shining fully 1.5 mm diameter. Next best guess is some form of Calceolaria

9-8-31 Crataegus monogyna jacq (See 5-28-31) F. Caux greenhouse. F. medium, C. 0 - 7-8 mm long. Calyx 4-lobed, very strongly reflexed. Petiole straight, with few peltate white hairs.

9-8-31 Malinia caerulea. Wrench. (See 7-7-31) F. Caux. 4.5 mm. long, 2.0 cm wide. This is the same one from not rare in damp hay back at V.M. very frequently puzzled me. Sees many of it Identify. See if 7-7-31 is remembered as smaller and remembered there no light on this.
9-8-31 Pteris aquilina. Cote II, 697. Bon 381, SW 1457. 6-56

9-13-31 Geranium palmatum Cote I, 249. Bon 58, SW 1425
1 1/4. Grayers. Del. with G. silvaticum for which, at first
I thought, Port not C.P. Diff (to eye) from G. - instat at
is more slender and spreading, and rough to
I touch; lo. smaller; and less deciduous; white. It just makes
w more spreading. Petals redder and without the def
at base: 8 3/4. Petal much longer. Fil-
ament slender, 3/4 at base, otherwise glabrous, not pubes-
cent or bals. at base as in G. 3. Yellow petals layered in
test as in G. P. Plant not tall glandular and
strongly reflexed in pt. and St. Seeds fairly reticulated.
Dull, yellowish brown. Bals at base and St. plane
2 tuft of few longish, stiff hairs at base.

9-13-31 Sedum maximum. Suttie BM 1529, Bon 110 = S.
- 11/2. Cote I, 14 = S. Telephium leucanthemum maximum
Bry. Camer SW 1521. F. van rijn f. Grayers Friends
Knots. Port a clust. small cart.-shaped tubers.
(Cote and SW Kn. Perennial, BM 1529 "must be
mistakes") and both to shooting tubers enlarg-
ment to eye. Late open in 3/10. 6 x 3 can easily bend
realy embracing. Fls greenish-white. St. Antswerdelsd
brown. F. thinly hooded at apex.
9-19-31 Nasturtium officinale B. Catt. I 75, Bn 25, 
BMCP 314 = Reiche Nasturtium -aquaticum Rech. 
Rend. 44 18 x 0.2. 
Shrysler seeds plainly in 2 mm with rounded surface. Pod 2.5 cm across. 
Length at least 0.2 cm, curved upwards to 15 mm or slightly less than 10 mm.

9-19-31 Physalis Alkekengi 1. Catt. 6 14, Bn 227, S 1 1 
5 16, 1 15, BMCP 651 FL Brimmer towards北部風, 
Fl shredded. Calyx about 7 mm wide, 5 rays into 
5 lanceolate lobes. Corolla 2.5 cm wide, softly pubescent 
outside. V edge greenish white with dark green 
markings in center. Anthers same color as calyx.

[1957] [in P. Aubert, H. Henry] 
9-15-31 Polygonum baldschuanicum Regel BMCP 
246. Vine on stations at Handsville and seen often at 
Shiver Fls. FL fully 1 cm wide. Stamens yellow, filaments 
white. Anest white with greenish strip down center in 
side and blue. Flowers in H. Filaments united, 
perpendicular hairs at base. Pericarp as large in 
flax in B. Int. light-tannin subterranean for P. 
Aubert. [See 9-8-34 P. Dietterden velata x M.]

· · · ·
bravado Mont Fourn. Specimen identified by S.F. (See Key
5-2. & 26.) The 5-parted calyx has shallow sinusae, the
edges slightly notched but very slightly papilliform.
Calyx about 15 mm. long, darker green.
There unequal: the lower 5 upper ones to 3 cm. (much
longer than low); but some about middle only 1-1.5
cm. long (20-35 mm. than ltr. St. lanceolate at the up-
per margin acuminate). St. simple with finely
linear upper 1/3 but very small fillets divided
to axile in upper 1/3. Fl. 25-37 mm. high
(excluding corolla lobes). Calyx rather more than
1/2 as long as corolla tube. 27, ltr. somewhat broader
than the other 3. Corolla like its tube ± dilated
(longitudinally) with white. Paint now bears 9 fls
(ex. 8 buds). But stigma was not "rostris" (Cat.) but
more like ill f. & St. Anacalath. and Calyx division
often come well below the middle.

Only hairs on the gland bearing (Essent. urce. to
30%) have a rather sparse wavy tricusps edge, the
same for being glabrous. Style about 1 mm. closely
wedged in nidus since it just reaching length
of capsules. St. range less than 1 mm. Bv. the
white, fr. on B. but not on E.
Capsules matured over 2-4 weeks, ovate, orifice, nectariferous tube, Calyx (2-2)

19-31, Senecio
F. calycinalis, Bruguiere - Scandall. Only
on spee. Coll. Black 40 cm, Smiling (intermediate)
9 per cent, mostly equal to 8. Relatively 2.5 small against
this area. involucre 5 mm. Syr. 78, 50 cm. 5 40 cm.
involucral. def. Black leafed! (Ger. 3.32 cm x 2.6 cm)
and visible eachele glabrous (Costa caespitosa)
B. 3. 355 (but not helpful). Syr. 69%. Sf's are quite
and not very copious. Lower leafy petiolated, consisting
mostly of large, terminal leaf (mass of leaf petiolo data'
with a few very small lateral like. Glazmonia will be

9-14-31, Senecio. Bruguiere. Costa 1-2.5, Bos 1.37. 0.74
313 F. "on All. 30 cm. Compare L. Filaments fleshly 0.1 cm
regular.
9-14-31 Cucurbita europaea L. Cote II 574, BH 315, 9 672
SVM 535 = C. major "Banks" Barlow 318 SC temp sup jg.
Alliaceae m Jutika. Seeds (4 x 5) finely interrupted (30x)

9-14-31 Brachysperma paniculata A. 433, BUM 1611 #36. SVM
I 879 = B. - Br. Cote I 87 Fr. Alliaceae. The sample reseal.
(4 x 5) inserted label) apparently indicate this Brachysperma P.Ba.

9-14-31 P. Hudsonianum L. 39 X 3.5 X 3.05 mm. A flower must

9-14-31 Polygonatum verticillatum All (Dec 5-12-31)
Fr. Jutika-Alliaceae. 3 red. Note this is first plant found
with "tuber" root. Has tubers 2 to 4 cm wide

9-14-31 Cryptostegia alpina. Dec 6 13-31 Sh. Jutika
at home - 18 days within by 10-12. The constantly looked
for not found since in same region 6-13-31. Effect much more lacey than C. longiloba. Secondary
deeply cut into narrow lobes like ill Co. 7-9
with C. longiloba for which it can not be mistaken
when seen together.

9-16-31. Acantlusa mollis. BMCP 698, Coate 60. Con 257
Fr. mixture fr. Cult 3-M. round led near 3rd Flankance. No
question genome. Speciesque only because a
glabrous, the results fine but to heebly he might possibly be called
spines, of glabrous except on veins above, mostly fine. Stalk
covering beneath. L. petals larger calyx tube elongate
method green v. mamor color long at tips. D. petals 2
zero long entire or nearly entire at edges;
lower like ½ in a more long def nerved at apex. The
inner calyx tube variable ½ in high. Nerved like seen
separate with tube.

9-18-31 Deudum
Fl. on walk along road behind Chateau Cigle. Perennial.
with thickish decumbent branch 3-4 in long after
rooting, often confused but not prevalent. Branch 10
naked below with sallow internodes giving a
ringed appearance. Leaves now crowded into a V
rattle at tip of branch. Lowest, flat almost aceride,
largest 15 x 5 mm (in center pressed much smaller)
cuneate at base (i.e., half as long length) and the
rest rounded. Leaf acuminate above, papillae
on edges (three pimplies near suggesting bzw.

9-18-31

Hairless except sometimes at very base, surface with glands. Leaf compact-corymb, subtended by long-stalked (about 5 cm long) 15-35 cm. Calyx 5 mm. Petals lanceolate, thick, with tips blunt, glandular. Stamen white (or very faintly tinged pinkish), 10 mm long, anthers exuding at tips, acute, almost mucronate, stamens attached 2 mm above base, filaments shorter than petals. Flower red-yellow in bud but dark later. P. 3 meric. 17 branches, the stile one except infructescence, spreading above (and) a few below, appearing st. because 17 pairs have fallen.

9-18-31 Melanopsis prasina L. Croat. vol. 57, p. 257, p. 544, 354. Fl. Right edge. Found behind Chateau. Slender annuals to 1 ft high, with long spreading, upward curved branches. Fig. 104 SVIT 579, somewhat pant. with short downward curved hairs on both sides. Large, short petiolate (almost sessile) lanceolate 7 to 17 mm wide. Petals green, the lower one blue, the upper one white. Deeply cut into 3-5 narrow, sharp, with 12 lobes, 2 to 3 mm long, simple petals. Calyx 5-
regular, the slender teeth longer than base, the
upper teeth def. seed shaped and curved backwards,
the narrower lower teeth rather less 20-15mm long, well exceeding calyx, opening only
on upper side. 3-seeded (or capsule 2-seeded)
calyx often purplish. Prodictions as to which
of the 4 species into which SNV I divides M. pratense
is 18:31.

9-18-31 Herferro nationalis (See 6-14-31) Pd. 1ea
Diatlctic. PL purple. Pods very apetricid, to 5' in long.
Seeds with thin edge to 16 secundate and opposites
5 pericar.

9-18-31 Phalane aroundicacea 1. var. picta 1. Cdt. 59C
D31, EMCP 11, SNV II 21. See Beldingeras aroundicacea

9-18-31 Bchula ascendula Roth. SNV I 146, EMCP 229 4335 = B. alba
1. Cdt. 1975, Bon 289, Pjv 149, SNV II 332 (prodiff from 13 pub-
escens Roth). RV 5 stems wide (2cm long). Diatlctic
roadside (a creamy young tree was planted) 2. 2cm long.
Seeds with lateral lobes more def. reflexed than ill Cdt and EMCP
it (relatively to terminal lobe) larger. Seedlike ill Cdt with
many brown and as seeds far surpassing styles.
9-20-31 Antichinum Bevanum L. Cat. 2770, Box 2. 33. Store 1, FL. H. Vineyard, Labor Reviex.

9-20-31 Linaria minor DC.(see 8-5-31) Flwfr. See above. Prosp. petals do not entirely close threat. Note form DC. Casemally since 8-5-31 & at St. Monyal ph. 8-19-31 but not recorded.

9-20-31 Deplora drifura L. DC. Cat. 180, Bonds. #428, Store 139. = Brassica. — Rosar. Bott. 38 Flwfr. Les Paves. Reviex. No question of genus because all in 2,000 & Cotyledons airduplicate, not a species. (D. terriflora DC. only the form in Store) since fr.-pedicel is 5-16 mm. If pedicel not longer than fl. 176 mm high (if petal prolonged) Eminence [petals extended] fragrant. But petal not "in appearance" contracted below (Cat. 1) yel least. At least in Store's slightly contracted at base Plant 17 in high with low 17 in above base but usually 25-3 in rock or 20 not petal. Plant elongated (very sparsely pubescent) calyx with few or absence of Velleous leaf needles.

9-20-21 Tenocrium montanum f. Cost. III 139, Box 257
Swiss 55745575a.Je. la Preses-Beuvers.

9-20-21 Polygamum officinale All. Cost. III 353, Box 1454
Swiss = T. vulgare Deuf. Box 301 = Prunus morsch. 13X 47
F. with abore. Plant 10 in height. Stalks angular slanting
less than 1 in 1 (usually) slender. Stalks 12 to 13 mm
characteristically with 1 cm. Seeds (now the fulvous ripe)
show no points brilliant (Costa).

9-20-31 Sinoptaxis (Plei) Waffers. BMCP 71 557112 3 34
= 9. glandulifera Cost. BW III 119 F. 50 ft. Fasquen
Lebanon plants at least up high. Standard 1 0 dark
jungeli; green above, much lighter underneath. The purple
batter split at least in upper bur instead of club-shaped
glandular appendage to sunning.

9-20-31 Vicia sativa L. Cost. I 384, Box 86, Bw 769 763 8
526, BMCP 392, Swiss 418. Swiss. la Preses Beuvers. Some
only 25%, but effect is not like V. sativa in Majorca.
It is usually 4 pairs, sometimes 35x16 mm
only 15 mm. Segal, the narrow with tassel a take.
Calabash about 2 cm. Standard quenched on back but
with bright red-purple, often obvious at base of
blade.
9-20-31

Blade. Standard inside purple on edges, almost white in center. Wings rich purple above, greenish white below, much shorter than standard, much longer than base. Fr. about 5 cm x 6 mm. Dark brown when ripe. Underside cellosac (once separating the 2 adjacent compartments in rept) but not felt. St. not felt. Note: the horn with large dike goes towards end of st. thin below; smaller. It always sterile. Peduncle mostly branched.


9-20-31 Papaver dubium L. Cont. 161, Bn. 13, Bn. 19, A 416, SUTI 274. Fly by Lee Presso-Review with Vicia sativa. Since juice is greenish-red color) and becomes white in air (certainly not totally yellow). Stems for 2-15. 30 cm. Collarium Round. Four SUTI 274. Ray petals to 1-14 mm. 3 edge disks.

9-20-31 Berberis vulgaris. Cont. 156, Bn. 11, 3 9H16, 4 413 Bar. 287 Fr. Argus - Rex. Spiny teeth on 1-1 mm. Fr. 8 mm long, elliptical or crenate. 3-4 times above. [5-15-34 Bud in edge of wood below east of Sandbanks. 4-1-37 Fr. Both in garage. Café de Nantes.]
9-20-31 Stackys app. annual. Cate #117, Box 353, #301
= 3. annulata S.BIT 565, P.V. Bryan-Review, of 8
with S. recta L. Port not C. Stems freely branch
green, with many short downward curved hairs (hairs
on S. r. - articulately, longer, spreading, making at.
rough touch) Flattly only in place, entire with never
losing alveolar panicle (flattly 8. r. - toothed, net-mesh
or almost regular). Calyx half as narrow than 5. r. curv?
with articulate tip not def. glabrous as in S. r. Calyx
smaller than S. r. 8. 8 obsolete, the ring of hairs almost lacking
but represented by partial ring which fits in
horizontal (not def. oblique as in S. r. - Seed slightly
slightly elongated? collar somewhat flatly on edge of
upper lip) (See 8-20-34 Illion)

9-21-31 Keranium columbinum L. Cate # 345, Box 57
B1496, 4536, SVAT 436 Elvpe helix (only 1 plant found on
wall west. Elven funnel lower bridge over brook). Petals 1
mm long, slightly notched apex, apeculate to apex
purple with 3 darker veins, gradually light to
sharply base, glabrous except for def. pilation on claw.
In almost upright glabrous, dense, shears at epithe
cis at pubescent. Seed not articulate. Plant slender, decum-
vent, with appressed downwards pointing hairs (no
2 petals) Filament pedicel long filaments.
[8-20-34 Elv pe Young Plaster (Au Farn Pris)]
[8-16-34 Elvpe Val-Mart Farm end west of park at back door]

9-21-31 Calamagrostis argentea DC Cate #563, Box 353
9-21-31 - *Calaminagrostis Calamagrostis latiglumis* = Desp. Calaminagrostis Wahl. SVK 49. F1. thin, Shortly وعد
lower bristle path traced along Mt. Fleuri. 1 to 5 cm. wide.
1 petiole 7 mm. lemma 7 mm. (densely covered with long spreading hairs), 2 cm. 10+ mm.

9-21-31 - *Chamaenardia Compan* DC (see 7-26-31) 15 Vp. thin, Aleuens brown, ridge, club-shaped 2.5 cm. long, all great
pappus strong, dentate, 1 cm. united at base. Aleuens with few short hairs toward tep.

9-21-31 - *Salix Caprea* (see 5-3-31) 10 Vp. thin, Aleuens
ridged, down, just below reaching saw. mill. Toings purple brown, pubescent 1 to 5 x 1 cm, very slightly
mill. just above, thickly pub. with crusty, hand-like
necks in very distinct, tip abruptly more curved.
Stipule conspicous. Bud glabrous v. light red.

Lower deeply cut than ill. (Cote). Whole plant rough with
starchy hairs. Capsule black, flattened, slightly con-
trast curved, rounded on back (no edges). Teeth
ing from axis 3 to 4 cm. to leave a part 2 to 3 to 4 cm.
axis is left surrounded by rows of cells (each cell was
made of the united cavity). 7 bicrypted carpels.
Disk jaxies radially ridged in surface, carious, smooth 4.5 mm diameter, rounded on tips. Carpella 2.5 mm longest mean.

9-24-31 Sinapis arvensis. Cat C1 Pa Cm 21. SVT 729 = Brassica Sinapis Visiani Rv# 85 = arvensis 438 FL for unripe but fresh full grown. Very faint divide on main sequence. Note: silique liqipid with very flat downward curved beaks (Rv#)

9-24-31 Helium autumnale LBM C P. 779. ? 44. CL v/C3 Cult Val-Mont. Divert bracts short, narrow, inconspicuous. in 1 row 8 join at base. Besides these a few slender narrow bracts (arrows) at n gather 2.4 to both phic v semi-circular incised and with flower; all heliops. Achenes put inset on the ridges.

9-24-31 Silius pratensis. Bess. Cat C1 187. Cm 129 = 8. flavescens Bess. Rv # 199 = Silius Silius Sclamz Flaxing SVT 495. Unripe white (All fast 1-2 mm form to yellow secondary), Fast advanced #2 (harsh for all green) husk long. 4. light in extent than all (Cat); 2-2.5 mm (more than 2 mm). Vein showing light when held to sun might be called transparens (Cat); 8+ with fine red ridges. If helia somewhat broken (lent heliopale) 8+ nodes. SE 9-17-34

9-24-31? Vitex Negundo L. BMGP 632 F1. Cult. Vol-mont. Thought to be this var. Virginia cactus. Because lvs are not grayish tone; more bluish and inf is def. panicle, Branchlets quadrangular exfoliate tip with fine brownish pubescences. Lfts: the shorter, leaves one about 1 ½ in, the terminal one about 4 in; small x ½–1 in broad. Lower lfts sessile is entire; the 3 upper lfts narrowed to petiole base and usually with a few coarse veins near middle. All acuminate. Lfts dull (hardly dark green) on pal- mars above, slightly lighter but not gray) beneath with slight pubescence, rose hairs, the sur- face with minute (20%) shining glandular depots. Lvs aromatic. Infl. spreading paniculate in lower part. Fl 3 mm long to tip pale–light green, Corolla a strong lavender (lighter on outside because of white pubescence). Stamens very slightly shorter than lower lfts. Im pleasantly fragrant with a slightly de- monish odor.

9-24-31? Catemeria liguicola Decne. BMGP 393 F1 Cult. Klein (very young) & young branches. Young branches aging one with yellowish hair but dark reddish
brown. Edges are slightly revolute. F. sterile in 1-2/3 in. long 4/5 wide. Stone 3, instead oval to nearly orbicular, the largest 3/4 in. c. glabrous, dark green, shining; beneath lighted (not gray) with sparse hairs like those on branchlets. F. glabrous vermilion. Infl. capillata, nototal. [underline]

F. Val. Pink Cult. hanging one Dr. Randell's wall. Yellow branchlets semi-branchlets semi-branchlets coarsely subdenticulate. The largest 4 x 4 mm, glabrous, atrophy grayish yellow with white hairs. Elipsoid atrophy adopts, the largest

10-5-31 Agrostemma Githago LM 384, Sike 227 =
Lychnis. Sept. Cote 182, 60 11 35 2. 2 am. BM 45
Fl. "fragrance" east of Caux.

10-5-31 Polygonum lapathifolium (Sec 8-19-31) Fl. in
fej with above. Red inflo of finely glandular. St.
strongly another above nodes. Pellence flat, fully 3 mm wide.
10-5-31

Brachypodium silvaticum Roem. et Sch. 2447


10-5-31 Anthenis Cotula (see 7-11-31) Export. " parish east of

Ganx. Rep with not stigma. Petal color evident.

10-32-31 Helianthus oryzae DC BMCP 767, 9933 and 20

young fr. Cult. Temple blcs. Str. ample, labarum, to

abt. 6 ft. somewat pubescent. Very leaf lance

tip. Iris linear, meared, 10 in x 1 1/2 in, drooping (yellow

like) undulate s slightly dentate, marked on both

sides with meet Gull sered depression spots which

sometimes bear a short stiff pappose hair. The

spots faintly visible to eye St. Cymenomato base and

bracts traing to terminal head. Bracts dark brown

color, Cibtis below with long green acuminate tips

(to 2 cm or self). Ring yellow, seems always typical.

Seeds dark brown pubescent at tip, enclose achenes

Achenes flattened, with chaffy calyculal top.

10-22-31 Chrysanthemum reliquumum Pur BMCP 760, 511.

young fr. with abortiv but better spee

a 4 in various gardens. Sts 3 - 4 ft. Very leafy with

leaves lacindate, very sharp pointed with sharp

eumward pointed teeth. Receptacle hemispheric

which riddles with dark brown at top.
10-22-31

Artemisia Absinthium. Cult in Indian Garden of Hotel C. A. Swink. 8 x 8. Cult in 1 x 1 ft. box. Leaves very hairy, some not. Flowers only. Outer involucral leaves linear and not sericeous while inner bracts are slightly long, sericeous. Total of 10 flowers. [5-19-34 Fl. Same spot. Must be A. Absinthium. Head more than 3/4 in. diam.]

11-4-31

Acaania — 10 ft. [inca]. Stylar white, downy. 1.50. Alt. 10 ft. entire. About 1-1/2 x 3/4 in. 1 minute. Beak of 1/2. Style 2 axillary, simple racemes 2 1/2-3 1/2 in. long with 15-20 globular heads. 3 1/4 in. diam. on stalks about 2-1/2 in. length. Fl. yellow, fragrant. Stemmata exerted (10x, hand glass). I labeled specimen Acaania parabolanaefolia at La Mortola 12-14-31 seems the same.
4-15-31 Medicine - pulmonia - watch few colds.
4-15-31 ? Artis white watch few fev.
4-18-31 Cordyceps roots
4-18-31 Lettuce roots
4-18-31 ? Arabo pint V.M.
  Lepidium V-Mote - check
4-18-31 Dentata
4-18-31 ? Primrose tiny
4-19-31 Valeriana officinalis - 2L. Transvates totally passed in 1 day
4-20-31 Valeriana officinalis - F.E. Transvates partly passed in 1 day
4-22-31 Potassium nitrate - F.E. Transvates partly passed in 1 day
5-9-31: Icacinum pratense - F.E.
5-9-31 Tianthus is very slow.
5-18-31 Stapleleaf
5-18-31 Primula ranunculoides
5-18-31 Primrose - V.M. Bridge
5-21-31 Primrose - 1L. Bridge
5-21-31 Primrose - 1L. Bridge