12-8-31 Palmarus Spina-Christi Hill BMJP 475 = P. australis Host Cati 278 = P. australis RV2 Bom 66 Fr. Firenze (roadside near San Felice a Ema) shrub Fr. (exactly like ill BOM Cati) only collected 150 specimens (spiny) not observed. The 3 midles battle in the dry subterranean fr.

12-8-31 Cupressus sempervirens 1, BMJP 92; Cati 273 = C. fastigiata DC Bon 373 Fr. Firenze.
100.0 old cones. 100.0 mm long (4:45 in) very minutely dentate. Three all columns form, but a smaller form seen at La Mortola.

12-12-31 Coriaria myrtifolia 1, Cati 270, Bom 63 Fr. Mentone to Castellars. Conspicuous with green foliage and black fr. in heavy sprays.

12-14-31 Notes on La Mortola. See separate diario.

Mont Vinagire, Falied
12-20-31? Lemaicaatria.D.C. Cate Ii7, Boi 71, Bv 4178
Fl. Mt. Vinagire. In mostly fallen when studied. In calabut
arise, 7 mm x 2 mm, acute Petiole arise from protuberance on stem (dense turf. Blainville, protuberance
on each side of 2-3 small ones similar in
difficult to decide whether (1) if really 3-foliate; (2)
4-5-foliate with a stipule; or (3) 4-5-foliate without
stipules and pedicels bracteate very basal when
stated small after collection impossible. It
these members existed only dried pedicels had
been) Calyx as deep. Cate for 2菲a 1, 5 cima
DC, the 2 upper teeth broad as long as tube, the
dower lip only a little longer with 3 short teeth
1 cm overall, standard hairy outside. Sstyled
narrow, honey x all silky. Stamens monodelphous, Style
recurved. Standard horizontal.

12-20-31? Lemaicaatria.D.C. Cate I17, Boi 71, Bv 4178
Fl. Mt. Vinagire. Falied (Cate) as far as pos. to see (2-3) Seeds
exactly as ill. No lower articulate lobes as collected. In
very numerous, may narrow, 1½ inch. Inflated
branched. Ripen capsules greenish-white. Monadelphus
Stamens 2 mm at most. St. stiff, cylindrical.
12-20-31. Helianthemum Tubariana Mill. Cote 1148
Bot. 36. Most Vinaigre. Fr. Only 100 (f. 85) are there in
thick rosette at base. Pedicels ascending, Sepals 3,
with 2 small linear bracts. Capsule divided
with placenta down central-beak.

12-20-31. Senecio Cineraria DC. Cote II 30 5, Bot. 163

Fr. Mt. Vinaigre. Young branches covered with short
white feather-like.

12-20-31. Calluna vulgaris Delit. Cote II 509, Bot. 201
etc. (See 5-29-31) Fr. Mt. Vinaigre

13-20-31. Asplenium Adiantum-nigrum L.

(See 3-26, 18-75831-30) Fr. Mt. Vinaigre.
Notes: 12-14-31, La Montola, Italy. Plants labeled but authors not cited. Acaia podalyriaefolia, Queensland. [Seems same as in Genera II-4-31. See BMJ CP 428]

Acaia cultriformis --- S. Wales. [Similar to above but less paleate. See BMJ CP 427]


Acantharia Cunninghamiana

Berberis yunnan. - Iris broad, fr. black aglomerous, as deltate white.

Canarina campanula. - Vine. F. 6-pale, range 5-pointed bell. Calyx 7-6 segments longer than corolla, but reflexed.

Canarina striata --- Aust. 2 Needles. 12-24 in
Cotoneaster microphylla [Fragrance - not obvious. note: beginning as scarlet, turn bluish above, pure white beneath. small. Fr. solitary] See BM ORP 374 and 9-26-31]

Cotyledon macranthus [Fleshy leaf, red edge]

Cupressus lusitanica [Very heavily fruited] See BM ORP 492]

Dalbzia imperialis ---- Mex.

Ephedra altissima. --- Atlas Mts. Hanging thick over trees. Flo. very small]

Dipsacus fastuosus filiformis. --- Cape [Bushy, composite. Heads small, aster-like. Rays lavender]

Fritillaria foetida [Small lily-like.] See BM ORP 626.
12-14-31  La Jolla, Cal.

Ficus rubiginosa  - - .Aus. Etno frowen 
put beneath, otherwise suggesto F. elastica. See 
BMJCP 235

Azamnia splendens  [Compost but. Bays 
range with black, violet eye at base ]

Genista monogyna  [Purple small, 
white pea like malandra flowers. See BMJCP 421

Halaea laurina  - - .Aus. See BMJCP 342

Kleinia neriifolia  [Comport, succulent, slender.

Ligustrum japonicum  [Has suggest lilac but
more acute at base low hedges. See
BMJCP 514]

Laurus nobilis.  [Fr. black. See BMJCP 375]
*Nandina domestica* [large 8-pinnate fr. red in compound panicle. See BMJ p. 389]

*Notinalongifolia* ... Mex ... Liliaceae [tufts of long narrow-ovate-like brs.]

*Crepispanax dactyfolium* ... Asteraceae [1st bud now rusty gold]

*Pandorea australis* ... Vine. See BMJ p. 688

*Phyllorachyopygusa* ... Musso [Bamboo-like grass with dark reddish. See BMJ p. 102]

*Prunus peniciles* ... Fl. scarlet to dark red. Corse large. See BMJ p. 82

*Rithecomtenium musicatum* ... Mexico [Waxy vine. Fr. larger than an egg. Unmusicat]

*Salvia Grahami*, Bentth ... Mex. [Maybe same as Salvia mallorca]
12-14-31 La Moba Cont.

Salvia nemorata \textit{Luce} --- Mex. 
[Calyx 2-1/2 in. Corolla blue with lower lip very dark velvety inside. Ex gland. publ.]

Salvia reussii. Dent. --- New Spain 
[Bush to 6 ft. Fl. suggests \textit{S. splendens} but larger \textit{v. glamour}]

\textit{Senecio petasitis}. [\textit{Bol.} \textit{see BMJP 784}]

\textit{Yucca elephantipes} --- An. America

12-24-31 Marseilles, Parc Borely Bot. Garden
\textit{Chimonanthus praegr.} --- Japs. [Shirt, almost lifesize now; thickly covered with fr. Fruits open, suggestive yarple blossoms. Petals yellow, flanged red at base.]

\textit{Phillyrea medium}. \textit{L.} Ex rate 0-0 \textit{2 1/2} in. wide. \textit{See BMJP 573} v Costo
Abelia floribunda Decne. -- Mex [Fr. small, saucer-shaped crowded with 5-linear, ciliate lobes] calyx. Fruits in groups at ends of branches making fuzzy look. See BMCP 728


Aracujia albescens var. -- Brazil. Asclepiadea [Fr. vine with 2-valved, egg-shaped fr. & thin, long, compressed among the much smaller br.] See BMCP 608]

Abelia cinnamnensis P.Bst. [Fr. like A. floribunda. Bark in heavy, corally ridges, often cracked horizontally into sectional rings. See BMCP 728]

Erica mediterranea Crowning.

Symphoricarpus racemosus [Fr. red berries]. See BMCP 722 for press & mistake in label}
The Herbarium, Royal Botanic Gardens
Mr. Horwood, "Concerning himself about plants
from the Mediterranean," says Mrs. C.M. Kennedy.

Señor y Señora Colom, R. Margall 39, Figueres
are the friends of Mrs. Sweeney who in Nov. 2, 1932
took Mrs. C.M. Kennedy to see the Bianco
Herbarium at the Colegio de los Hermanos
de la Doctrina Cristiana. [R.B.K. went
with Mrs. C.M. to visit herbarium Nov. 22, 1932]

Mandrara
Bianco's specimen is labeled
"Son Torgores (a, Molina Torgores) Son Sarliana".
Mrs. C.M. in Nov. 4, 1932 writes, "We drove down the
Palma—Valldemossa to within 4 K of Palma turnoff
to where the new water reservoirs ... There
we found the Mill of Son Torgores just beside it
beyond it is the house of Son Torgores. Standing
in the gate way of the house looking down
the road straight in front of one, you are on
the right hand a cow house and on the left
opposite the cow house 3 olive trees" — the
only ones visible but no mandragora.
"There is a Brotherhood there so it is likely to
be the right place. There are 2 other Son Torgores.
Both nearer to Valldemossa but neither of them has a Motte.

Estret de Son Ballart is the local name of the Puig Gros-Verdaguer visited with Mrs. C.M.K. June 3, 1932. Leave car on the Valldeman-Deya Rd at house marked on military map Can Mado Pilla.

Flora of Mallorca, Lucie Chodat, Geneva.
Pinchat, Fênon 1, Geneva.
1-28-32 Coronilla junccea L. Kn: III, Bg: 148, Bg: 90, Cat: 1406. (Ec 9-40-26-30) Fl. One spec. only in old part between Son Vida and Calvia Rd. St. not "compressivus foliolis" (Cat: ). Pedicels as long as calyx; claws of petals about longer than calyx; to show light but lower upper petals lower to swell (Cat: ) but no subtending fls. 3 vs side 4 vs.

1-28-32 Lathyrus Lebrunii DC. Kn: 125, Bg: 148, Bg: 95, Cat: 396 30-40 fls. Field near newest clay just bet. Son Vida and Calvia Rd. St. 9 in long. 20 all sepals, 10 petals as strongly de- current that base zone reaches to face of the one below. Lvs. terminated by 1-3 verdicles. Stipules none.

1-30-32 Anthyllis Cyprioides L. Kn: 87, Bg: 111, Bg: 93, Cat: 317 Fl. Back rd from Girona to Calvia Rd. Staminee almost paniculate diadelfphous (As remembered this was observed 1935-36, but not put in notes) Young shoots from plant cut to ground have terminal lift of 100 or 200 mm. i.e. longer much broader than in normal specimens.

1-30-32 Anemone coronaria L. Kn: 480, Bg: 1, Bg: 6, Cat: 142 Bg: 315 Fl (this) Calvia Rd. Stamina very dark blue.
I-31-32. Passerina velutina Pond. Kn II 231.25 Fb. 143 = Thymelaea. Their Res. 4.06 FL. Arendal. L.n. 10x5 mm. Smaller but smaller, the arrow nerves showing only in cross section. This form but not ceraeacon. Blades tube 4 mm long, limb 3 mm.

I-31-32. Fumaria agraria Lagas Kn II 10 Res. Bar. Kn 14. Costa 168 FL. Misripe. F. Field ket. Cam. Pastel. v Colleen Palasa. Stuff when all flow out about 3 in long. FL: 15 mm overall. the lower one strongly red branches. the upper is more nearly white except for dark tips of the inner petals. Reacts to near pink with white edges. The large pedicel of FL but somewhat smaller than pedicel. Misripe F. Sepals (pink with white edges) acute, dentate at base especially on lower edge 4 mm long, narrower than corolla but as wide or wider than the enlarged end of pedicel in F. Sepals persist on misripe F. when the petal narrower than pedicel. In this form, the lower petal hang down noticeably away from the inner petals. Larger F. more 4 mm long x 5.5 mm wide, slightly flattened with edges straightened (appall. def. pointed at apex, more so). But note that lower petal is 4 mm at base, 3+ mm at tip, each wing being more than 1 mm wide (this seems contrary to Costa & Roof.

Cf with F. officinalis. F 2-2-32
wings narrow (this is contrary to Cate. Bar 1 But like) The closely packed, short racemes, relatively large repales
account more ident. acc. A band F. officinalis 3-2-32.

1-31-32 Fumaria ampliicaula. (see 2-18-30 1-22-3109-4

Bar 18. Cate 161 fl. with abllt. Lower lower pinnate, up
per up pinnate just like it. Cate at the backfill. Cate
more like Cate 173 P. rhoeas). Stigmae 5 on stalk
def lobes def. overlap. Anthers petals (falling) yellow.
Anther petal gradually to base as in 37. Cate 2. (Could
refers to 2-140 25-30 have been this?): Anther glabrous.
Filaments filiform. Petals scarlet dark at very base.

2. 31 132, Cate 168, t t 132. Flowerpipe 4, (6 of with F.)
1-31-32) Corolla 6-8 mm. Lower petal 1 mm at base and
1 5 at tip, the wings being slightly wider than in
F. murensis 7/31 hit defoliation than in 3/7.
agriculture 7/31.

2-2-32 *Centrum nocturnum* L. BMPC 661 El. R.
*Calle de la Salud* (Mon. H destined to plant trained against wall for support, glabrous, strong leaf. 1.5 x 1.5 in. old leaves acute, not long tapering rounded at base, base distinctly petiolar, leaf entire, both sides of stem smooth, yellowed, green. Flowers axillary and terminal, peduncles. Calyx 5 mm long with 5 short triangular divisions. Corolla tubular, almost 2 cm long x 1 cm wide at mouth; tube slender enlarging slightly at throat. Corolla greenish, no fragrance. Calyx in 1930 turned yellow and spoke fragrance at night. Corolla lobes 5, not reflexed, about 3 mm high, edgewood, involucre. Stamens 5 attached to tube, alt. with lobes, each filament with small tooth on inside next below point of attachment. Style, reaching to mouth or tube; stigma capitulate, 5-lobed superior. *F. murensis* white, rather long, about 1 cm high, when ripe contains only 1 simple brown seed, but many seeds shallow 2-celled with 2-4 (from more) nuclei in each cell on axile placenta. Corolla lobes valvate in 2. Calyx arist. exudate with the short peduncle.
Col. by Mrs. King, place unknown. Diff. from H. c. in that 
its sometimes to 17 and peduncle (in only spec. in full 
fl.) is longer than fl. i.e. 2.3 cm vs peduncle 0.5 cm. Letter-
more as June 3-29. 3-30. Fl. looks like H. S. Seems only possin by 
Entwistle ? H. balearica. wel. y 3-31-32

Ktn. 7. Fl. fr. 8. (2 in 8) M. j. M. 2,100,000 = 8
 merchandise. Dear Coz. 7. 526. BBT. This, which pats in 
H. lappaceae Lmn. 18. 80. Fl. advanced. St. Established 
ment on wall at parador by the "Beau 3-corners". 
Plant decumbent, with its purplish, to Wing green 
or one side (making 2 edged) somewhat twisted. 
First leaf deeply cut. To large the terminal ones to 16x13 
mm), glabrous, decumbent, in middle. Largest fr. Emma-
lian (intercauline spines). Spines twisted 6-2.5 mm 
long 8-1: ruffled longer than spaced. Fr. 2 parallel cleft 
nause in 4-5 coils, which do not accumulate except 
in very young fr. Fl. 3-5, on peduncle always 
shorter than pedicels. L. Pedicels shorter than 
Calyx. Calyx 18 somewhat longer than tube. 
Cord, wings longer than keel. Pedicels sometimes 
aricate, sometimes not. Using hay Coz. 3-20: Can't 
be sure if it spines scarly on Candianaceae, to base 
the grooves near edge, fr. do seem to show 
more side on face. Spines and young pods 
seem "faisant saillir", rather than "restant dans le fond". See 326-30 and 3-231.
2-7-33 Erica multiflora L. Kn. E. Bar 298, Bon 202. Cat. E572 Fl. westy. Ex Cat. A. Z. / Diff. head. Caten in that corolla is dilated (4 mm) and calyx heavily. LoothlingF

corolla. 4 corolla cells hardly separated at tip.

2-7-33 Helianthemum Furnace Hill Kn 208 = Furnace Specialis Kn. E. Bar 57. Bon 66. Cat. E573 Fl. westy. Ex Cat. A. Z. Diff. head. Caten in that branches puberulent or mager. Fets can hardly be called glandular. Ex paper is not greatly shorter than those below.


3-4-33 Erodium Cicutarium L. Has (Sea 12-10-33) Fl. emunsiae fr. Bon final. linchion fr. lace. 
v. very like ill (Cat.)
3-11-32 Littolophium arvense. KnT 506, Bar 322
Bon 222, Cost 589, 565. El v. unripe fr. Establiments,
on way to Sonoma. White plant covered with short
stipules abruptly appressed, even on outside. Petals
Cordata slightly longer than calyx, a prominent
and down-curved bud, pubescent nearly abax-
ial. Petals tube dark purple below and with a
transverse ring at very base. Anthers in 2 flo
examined. Daisie near base flue.

690A

2-11-32 Papaver pinnatifidum. Marios (See 1-31-32)
Flowers pr. Anthers very def. yellow. Establiments
Sonoma. Now in M. Shot and garden San Jose.

Fl. Establiments - Sonoma. 1 or 2 smooth, at least
not hairy, spike glancing at least not the
gray pinnately-veined. Ell. 8 &. St. glabrate. St.
fringed. St. fringed. Microscopically pubescent above (look of veins
to the eye). Ell. glabrate pubescent, st. to like ill Cost
fringed lanceolately cut and lowest less so.
Cordate 15mm (and lip), upper lip, depressed lip, blue,
compressed and pink, 'double en fain'. Lower lip white.
Blue with blue lines. Calyx 15mm long, verticillar
for compact effect, the lower node now 7mm.
Upper lip calyx with a very small frill at tip.

2-11-32. ? Salvia verbenaea L. Knab 341. S. verbenaea
Bar 364, Bon 2070, BNH 357, Cas 102, BM CP 639. 4-708
Fl. With about 3 near by. Lvs dull spongy -slag, with
wax on nerves with sides. St. divided by 6
uprightly, above, infl. gland feet as in A. Lvs
much like the leaves of S. cuaje 4. Corolla
11 mm. Blue. Calyx less compressed, and less curved than in A. Calyx 8 mm. long. Teeth
distinctly separate, about 1 mm. wide. Leaves of calyx toothed as in A. perhaps slightly
more definitely.

2-11-32. Veronica heudelotiana. (See 3-4-30) Fl. ad tus. fe.
Frambentino. Son Isidro.

Nicabolidae, adfascia Muelch. Bar 31, Bon 21 = Russia
adfascia. Ros 7140 = Sinapis incanum L. Cast
7-75. Fl. verus fe. Frazbenento - Son Isidro - San Pahius
(Part to Dar Сообщенные в Сон Пехиса. The nearest to
B. incanum Koch (communis in Sh. 8) (See BNH). Plant
about 15 in high, with 2 stems spreading from base with spreading branches. Lvs
mostly at base; only a few very small, almost
seedless.
almost sessile near branches. St. glaucous or less rough hairy, not "velut-velutinae" (Costa) Els. bright yellow, 8 mm high in inflorescence, elongated, inf. Pedicels (in fl.) about 3 mm and slightly enlarged at apex. (Buds, in fl.) hardly longer, thick, Largest fl. (A.T.): 28 mm. Note A 428 R. rega: "petals 15-18 mm long"

Beaks tapering to a narrow point, the filaments mentioned by (Bar), about 1 cm long, with unequal and near its base (Nowalining no enlarged bell). Beak in middle. Pedicels ascending, but pedicels oppressed to axis, this more than twisted. Curd (Zone) 9-30-34 Specimen. Dinarica var. nana, (also of 3-meres) with 3 shorter valves near apex, than usual males. P. R. G. Taunet said the 2-7-32 plant may also have been S. arvensis.

2-11-32

Tridacellaceae. Art. El brought the king from garden in Bonamora. No box no label on specimen. Specimen 3 inches consist 82 leaftlets with 15,4/1 bud in the upper part. 1 cm high, apex curving slightly toward in latter shape. Filaments from tube, anteriorly opposite. The style. Style in 3 flattened, rather broad, blunt divisions (no higher than stamens) consecutively fructicate as upper edge. Bar. divisions horizontal the lower essentially larger. St. 1/2 in. (taliansio) 20 mm, mottled brownish-purple, white, the edges more nearly brown, and beautifully crisped. Slightly suggested of Feronia Rich.
British Garden Flora 1947-1948. But fennel
has no tube, the divisions being separate, forming
a forked tube and broadening indistinctly and
aceta at apex. Anthers brown purplish. Tips of
style fringe yellow.

x It is made likely that both po. 16 to each sheath,
since this but has a sheath (now un-
developed) its own.

2-19-32 Sedum altissimum Poé. Kb 48, Des 182,
Bon. 4, Csx 118. Red Bellows. This is the same plant described.
2-14, 10-28v11-19-30. Three basal and 8 lateral, not in molt
as illustrated is because so much of a head of season. Petals
abaxial 7, Carpal 3. 4. Filaments enlarged above
but not truly glabrous. Petals pale greenish yellowish
some with reddish hair on back.

2-29-32 ?Adonis amurensis var. dentata Turcke. Kb 1496
= A. microcarpa DC. Bas. 566. Aiken. Carpel to
young phal thick. that Breda. (See 3-4-30

2-33-32 Podephyllum conspicuousa Desf. Kb 21, Des 34
Avenajas f. Aiken. shoots. (See 3-14, 12-89-30) P. with
S._tr. longest pod mag. 3 cm, Petals less more than
3 mm. Pod young pods quickly horizontal broad and
top plo 20 cm. S. Try. style broadened tip (tend) from 12-33
2-25-37? Phuliania Speciment Kent 423, BM 284, Part 14, Cate III 247, L. Tenn. crooked leaf. But note: Plants of filiform ill (Cate 2) Phuliania, Plant thin, single, stiffly branched. Leaves ill Cate for P+ never more than 13 x 1 mm and mostly 10 x 8 mm wide.
But stems thicker than filiform, branches short, mostly branched in a different style. Perhaps this is the forma filiformes Kent 423, F. Phuliania, L. sheet by Kent
Part I 432, Part II 435, BM 284, Cate III 247

Only one plant seen. The lower calcarules etiulate, 2 mm wide x 2.5 - 5 cm long. Peduncles 1 - 2 ft (red, calm).
Lobes about 1/2 in high, not spreading. Corolla 2 x 2 cm.
Standard a beautiful soft maroon and unspreading.
Petals a beautiful blue but style spatulate at tip, 2 mm broad,
slightly thickened on edge at tip hence probably
L. Clymenum var. articulatus A. K. Kent 123,
Part II 44, Cate II 396. Style certainly not "aestis".
Peduncles articulated well to middle, with 1 small
fract at this point. Lowest tendril an ample upper one branched.

Callow
Lobed tendril ample, violet, upper ones branched. Style divided (1/2 mm) so that its
edge is nearest type level.

2-26-32 Euphorbia dendroides L. Knott 151, Bar 444
Bou 399, Catott 241 Fl.Engewoit of Mrs Hills (See 2-26
-20)

[L. simplex DC. (see to Knott 9-2-32)]

3-1-32 ? Linaria aveneis Desf. var. micrantha Regel
Sent by Mrs. Kennedy from Andraitia. Stem (2ex) thick
Leaves petiolate, petioles thin, about 0.5 mm wide, with old
nodes each outlined by bran extending at
Distant internodes to the compact short leaf at top.
Largest has 18x4 mm spad and stemviewed "Corolla
more than 1 mm, with def bluish lines (2ex) to make
at look dark blue to eye. Its base is red at base, 1 mm
above is only a concee tooth less than 1 mm long (Vi-
nangulare in shape rather than as ill Cat). The
articulate winged seeds 1-1.5 mm long are tuberculate
more one side. Calyx base gland erect but not ciliate. Stem
effect is more like ill J. aveneis Desf. Bou 234 and Catott than
like ill J. micrantha (Catott) but tuberculate seeds
with like spurs seem more like var J. aveneis
[L. aveneis Desf. var. simplex DC. Bou 234, Catott 22]

2-1-32 ? Heliotropiumitalica Lamk. Knott 78, Bar 112, Bou
76, Catott 822 Fl.Engewoit by Mrs. Kennedy from
Andraitia. Stem short, strongly scented with slender leaf.
Plant found at Raxa. Perhaps cultivated.
31-33 red. Lfts 8 x 2.5 cm. Stipules small, lanceolate, acuminate, the uppermost entering the slightly lower down somewhat to the base. Stipules long as or longer than pedicel only very shortly, bluntly pointed. Pedicels shorter than calyx tube. Calyx 5mm, calyx-tube 1.5mm, teeth almost equal. Fl 8mm, calyx-tube standard slightly longer than corolla tube. In calyx 5-6mm, not easily visible. Young fls. 3-4.5mm long, strongly rugose on side, usually 3

602 A
3-1-83 Hejringe Kajserl. balcanica Wulf. Kt II 14, Bal 1254
Fl May young f. Bent by Mrs. Kennedy from Cont. St. 6 in long drooping as though it might have been hanging on cliff edge, lower part as golden-green but tips v. perhaps curly. St. 4-5 inches long, fls. greenish-white but really purple-black (20A) with minute depressed radii. If usually 6 pairs, 8-13 x 2.5, tubular-stalked. Stipules tiny, oblanceolate. Stems almost thin as long as those described. N. arching, Fls 6-7 in, until Fl 15cm. Overall fragrant. Corolla bright yellow, the standard with darker veins.

3-2-32 Bartia latiolia fusc. Kn 396; Kn 348
= Enfusia, echil. Bas 348; Bas 239 Fl. Rob R.
est side of pr. Note the two yellow lines on its surface
3-26-29-30.

3-2-32 Felinia calycinum Vav. Kn 310, Bas 323, Bot.
228, Kn 59; Fl. young Fl. Rob R. (this is same as
common in roadside Tuolumne elsewhere) to emerit
following. 120 leath( almost prickly to touch) and
look espotted in light color from the tubercular bases of
hairs. Middle leaf strong, green, narrow, to sea, but upper
dev branches are not so much as at base but and are
3-10-30 tend to be sun-eradiate (Contrary to the Contrary) leaves
are often extra-exilae, calyx tip, 6 or 7; acc crest. Hydrea
light blue (blue/pink) 12 mm long. St. almost prickly.
Carpels 3 mm high.

3-2-32 Felinia calycinum Vav. forma arenariae, Kn 311
= E. arenaria Vav. Bas 924; Kn 59; Fl. Rob R.
nefside of pr. Evidently the same as 4-18-30
of fl. covered with appressed hairs some
which are tubercular based but look airt to eye.
and are airt to touch if mottled surfaces not almost
prickly. am. 2 species have not spotted in effect.
3-2-32 Pet. 1 so much smaller in all dimensions but similar in shape, the bracts (r. 85) not def., different. Cotyledons dark purple 4-4.5 mm, too early to see if deeply serrate. Some flowers perhaps extraneous. But flavum is def. included (Part. Contrary) and leaves not yellowed (Contrary to the contrary). Pet. dark, flexible, spherical shaped (Rai)


[Identified by Key 3-2-32. Specimen kept by Key]
3-3-32 Achilles racemosa Ten. Cot. III. 400. Bar 310. Fls. Porto-P. on flat wood. 3 ft. Only 3 plants seen. Tubers entire 3 ft long. 2 cm long. (Specimen destroyed, not identified.) Only 1 developed. The rhizomes look long at one (r. 400) old. Coating not more evident.) 3/4 in. high, above ground. 1 ft 4: 1. Loose leaves. Stems
Sheath ending in a true point at the flower. 0.75 cm 4.5x6 mm. 0.75 cm above. 3. 5. 1 at same level, 6x15 mm. (Thress at flowering) 3 ft similar ascending. 4 ft narrow upright, resembling at top of 1. 5 ft. At lowest point at lowest ft. All these branching from the same point. Grayish green, spinning

[Other notes on plant characteristics]
side. Reacts longer than narrow, the longest being
almost as long as flowers. Flowers bent so that
flowers stand at all angles. Spur Immature
i.e. about 1/2 length, very and thick (3.5mm-10mm)
hardly forming its limit tip, lightish in color and
fused into purplish green mouth a definite darker
line down the middle in front. Sepals all
green purplish with 3 of lower seer, the lateral
ones slightly rounded at base beneath and spreading
into almost vertical plane, the tips slightly
curved back. There lateral sepal about 1.5 mm.
Sepals all rather thin. Petals am a linear
color, linear, narrow (0.5mm) slimmer than
upper sepal and distal free forming a cord.
Lip only slightly longer than caeque, sub-ovaricles
10-12mm long but ever sometimes slightly recurved.
Lip slightly twisted or edge slightly looped
so as to give 3 long effect not def nerved but
had. Lip is whitish. Honey face sliding into a
bright purplish pink at edges on underside in
almost round. The white petal will itself in a
narrow flat base lip with a purple line down
the center of the V. The thicker fur approaches the
horizontal or vertical according to position flower
but always lies annoying in the folio of the decu
trry. Axials 2, 10. Connecticut declines and
equal sized. 0 between above follicles
3-2-32

pollen sacs and there is a definite, sharply edged flange just above the lip, but at all 3-lobe
on sin Barcels this means 0 papilionacea 1
not 399, Bar 4-57, Bon 310. Contatt 397 but xepal or
forms of a more or less divided inferno looks like will (Contt). If otherwise in Cattace
O. race cara Ten Contatt 4-00, Bon 310 the lo show
only a slight spotting 9 brown on lower side (could
easily be attributed to dust). Spurenwall has
expected more blue 0.5 - 0.1 Bon 310 than bleib
in 0.9 - Bon 310 leaves the here 0.9 seems to have
spreading wings. Dr. Arnold Wodtke has
finedrawings of another specimen from Porto P.).

3-2-32 Plantago lagopus l. Knit 4-09; Bar 380; Bon 262,
Contatt 4-8 Red Roadside Porto P. This is Barcels' forma
fingul as ho are 12 in wide 15 in long and have
petioles to0.2 in long. Note that ho barclose
aryacular peduncles to a height of 3 in long or

3-2-32 Eumaria capreolata l. Knit 8; Bar 23; Bon 44, Bon 423,
Contatt 68. Lower petal 11 mm at base and only 6 mm at
lip (practically wingless), thus agreeing with Contatt and
Redscale the oldest flowers strongly reflexed.
3-2-32 Evax pygmaea Pers. in Journ. 449, Bux. 260, Bux. 173
Coste II 327 Early of Porto-Pinheiro post. (See 2-11-31) As in 2-11-31 can not understand Coste distinction between "feuilles de l'involute" and "écaillles de la circunference".
Floral br. long, obtuse, white-tomentose (except at base inside) 10 x 3 mm. surrounding group of 5 stamens.
Each head begins with scales subtending 5 flo.
There are these scales along spathulate 2 mm. x 1 1/2 mm. within a acuminate tip 1 1/2 mm. - ilopline, except greenish band on body scale. Tip begins to color yellowish and to bend outward. Note scales glabrous (Coste says foliose + involute "reminiscences \\
"multicaudata"). Also note that a floret subtending scale are "multicaudate" (Bar) covering most receptacle, the 7 "in corto minimus" (Bar) being only somewhat very tip receptive. Style base 3 (typ) drawn in.
Young rhins def. "papillae.

Acacia greggii Will. sect. 37
5-2-32?? Albizia greggii Breed. AMCP 433 =
Tree cult. in yard on side of old vet Cojo Dist. Toreo team junction. Has both A. greggii. Ends branches collected) strict, somewhat zig-zag, sharply edged and rust tomentose. 1 1/2 ft. tall. Some sold to
has tiny lance-acuminate stipules but the young shoot end branch veins no signs of papillae
3-2-32 atipula. Petals (about 2 in long) and bracteoles minute like at. Buds broomdown center 10 petals not deep but def and this with additional grooves on upper side of petals into the same ridgy effect as at. About 1/2 distance about base of petals bear on upper surface a gland, o long (3–5 mm) and glandular glabrous. Petals 1–2 in. Green+1 to 10 pairs 3 pairs (1–2 in long) with 30+ pairs of leaf. Stalk of each pair about 1 mm, at base cylindrical
with 1–2 small atipula appendages below lowest pair of leaf. Petals 3 pairs with def. ridge down center. Leaf axils, 1/2 x 2.5 mm, oblong.
midrib present, strong, of usual plumage (except the very young which are very weak)
dentate and with thickest looks at the persistent. Since being picked leafs has been closed as a "sensitive" plant. Axillary spikes about 2–2 1/2 in long, usually 2 spikes in each axis. Pedicels 2 mm long. Calyx 2 mm
dish with 5 about triangular lobes as its tube, replying from base in defining ring. Corolla tubular, 5
long, greenish yellowish divided almost to middle into 5 similar lobes. Stamens on yellowish erect to about 8 mm
beyond corolla, joining in a tube for about 3 mm
at base.
3-2-32 Merendera filifolia Camb. Kt. 366, Bar 43C1
Cut 1-2-39 Bov. 1897, P. P. Boobot, collected but the 1/2 in. below ground and black, coverings 1.07 (possibly had 2 or more) to 7.5 cm x 1.5-2.5 mm, darkgreen, shining, channelled alba, curving downward somewhat dulling. Scape 4.5 cm (Bar 1897 longer than Bar.) Pot 1 cm. Seed globular about 0.5 mm. black, constricted with tiny oblique, apiculate tip.


604

3-5-32 ? Hernicia cineare D.C. Kt. 462, Bar 189, Bar 109, Cod 1 II 108 Bov. the floor gold charcoal first in 1971 by west 3 Ribes line on route from big pines to Berry 4-corners. Mat with branches 1-2 in. long and as remembered clearly applied to ground (and. Bar. 189, Bar. 402). Beans and because there are some spp. few feelaws H. linear H. But hair at tops appear not nearly any longer than others (See 3-17-33) Stamens 2, pedicel more (as far as can see)


605
3-8-32 Sagasa Soleirolii F. Schultzy Con. 366, Bar 436, Con. 312. Fl. (early). Exposed baren, hauveplacate. 1/2 ft. out from base. Baren, rondo. Valdese a little path, with and side of road. Temporal between many seedlings. Early 1st. open. Bulbs 1 mm long; 5 mm wide, somewhat oblong, def yellow in color, with no sign of enveloping tuire. Base 1.5 mm long, X 2 mm wide, almost in form. These had his grow from point just above bulb, hence this bases-blightin color were probably underground. Near base 2-3 at is near together and under a secondary flat, and just possibly there is a bulb husk. For. Poliosa R.V. (Cote). Still naked until to outside top where a thin husk (but larger than my thin fl.) pulled fl. These Sf. F. s.s. endulne, divisions gentle, yellow inside, green outside and 3-5. Rememere.
Exterior divisions with dark markings or edges may noticable in bud. The one I have has 7 pericent divisions and many sterile 5-lined cutters or spines. Plants thought to be seedlings had 1 line at only to 30cm.

3-8-32 Veronica arvensis L.
Flower young at 1 flower place perhaps small field above base. Annual 3-2-4 cm, having in many case hair tendons towards 2 lined. Lower has sp. upper all near more than 5 mm long. Very short petal, uppermost petals. Corolla 1 mm higher only about 1/2 as long as the longer of the considerdly unequal calyx. The corolla white (in more blended than 1/2 mm long). Pedicles much shorter than 1/2 when blooming but lengthen to 2 longer afternights. Sepal along with the long spreading purple more or less gland tipped. Style (1/1) 3/4 mm long. Many flowers on sides but few, about hairy on edge. (Two seeds out applied to plant which many seedlings have been inspected which only a foot collected) Note Bt. 349, says corolla "in nearly white".

3-8-32 Lotus ornithopodiodes L. KnI 98. Rat 132. Bm 81. Care 339 El Espato-Valdesa 12 westside of house. F. 1/2. 8-43. 1 mm long.
3-8-82 Allium triquetrum (see 3-19-82) P. Exopolea

3-12 Cerophyllina aquatica var. anciculata
Kuit 370 S. anciculata L. Bar 336, Cott 4 T. All for 5
young plants. Exopolea un /labelled with running
violet flower. Plantly out from many Wellington
winged not are def. this narrow. Petals winged. Inf.
shorter than lower nodes but not shorter than upper
ones. Two to three branched making loose. Also 8 pair
Capsules 5-6 mm high. Not all had the anciculata
segments.
*and in one case 2 stems.

[RB: I do not know whether any plants like these were submitted to New]

3-9-32 Romulea parviflora J. Britten K. I. 393 A = R. Columbiæ Sw M. Coste I 367, Bar 304 - The combination

Columns need Bar 4,49. El Impérial Latin 4.12, V. 88, age 8

Sent by Mrs. Kennedy from Andraitx, for 3-4 the

longest 5 including, very narrow, spreading, all fleshy,

with sheathing bases. Stem about 10-15 cm. Flowering

two more atop. Petals seem to have been 1 cm long.

and at least when withered stand upright, making

angle with the x5 sheath. Stamens def. longer than

filaments, very slightly if at all pubescent.

Stigmas seem rather more deeply notched than ill

(Cote). [RB in April 1935 comparing all specimens

thicknesses of all of #605 A are blue #632 hence Romulea]

3-9-32 Lenaea Coniferæ D.C. K. II 506, Bar 372, Bar 181, Coste 383 Fl. Sent by Mrs. Kennedy from Andraitx,

Involucres ad-erecte pale tan at base to purple

at tops. The boat atop of it (only about 1 ft. Bellesile

vainly, Aug. 10, 1936). 1 1/2 ft. long.

3-16-32 Pterostemon vacamar. K. I. 54, Bar 76, Box

74 all II 85 & 385 = C. glomeratum Thrull Bar 52, Coste

316 Fl. (early) 8.5 ft. Steins-early. 1 ft. Stems 22 cm. Pale. 8-

cm long, petals yellow, definitely not blue, very pale yellow

exact white ill (Cote).
3-10-32 Dumarcopsis. KN II 65 (sp. P. lav. var. alba var. milks). Base 56, Cote 36, Ban 95, Bx 134, BMQ 226. Fl. Euphorbus Establishment. Young lar. just beginning to show on some branches. Float to 6 mm. high. X 15 mm. across. Many short branches at 15 6.5 mm. and sharply end. but not real thorns.


3-12-32? Lutina carinacillus ? KN II 95, Ban 180, Cote I 361, Ban 81, BRW 120, G 511, BMQ 226. Fl. R.P. Track east of San Pablo. Seems only 0.5" but general effect unlike L. C. at U. in 1931. These abundant 1st 1.5" with many branches almost regularly spaced along the 2 sides. St. stem, tinged red, not quite glabrous, 2.5 gray-green with a few appressed white hairs. Lfts to 0.05, the largest 1.4 X mm. mostly rounded or slightly renate at top. Stipules broad oval-like longer than the 5 mm. petioles. Poduncle mostly 1-2 mm. as long as fl. Fl. 3 to 6. Usually 6. Calyx 1-1.5 mm. St. equal, 1.5 mm. tube, and spreading as do fl. mid-longitudinal (Cote, Ban, BRW 120) 1.5-1.5 mm. overall. Stalk of styles yellow, the standard with few brownish veins but late styles turn
more or less to deep orange. On with. calab " Sep 3-2-32 V. ornithopodioides 7-3-3-8-32 and 2. Onewum 3-12-32 A flat top, half wattle? Aem with more than 3 fruits. 3-12-32 Anthus arvensis (Linn.) H. 472, Bae 147, Bae. 167 Bop 3-48, Coen 345, 846, FL R. Hearst, Cal Patilla. Scale spiny nectable exactly asl Cat. Stalks suband all disk fls out to edge (K) but are only along the fls, a even longer). Rays lavers style (BWD). LV 3-2-5 have fomar and maximum equals, 2-05 (c. 2id) 1.2-34 in long, finely cut, gray-green. St. accomh. this is just. Plant again. 2-11-32 at luncheon place 2019

3-12-32 Medicago marina (Linn.) H. 70, Bae 117, Bae 116 Coen 324, FL Arenal, (see ??) II-22-30). This is an in situ same plant as 11-22-30. Only thin leaving identity that the narrow unique nema longer than heel (Bae Cat. as longer) and sometimes (at least in "nearly open") are 1.2 mm shorter. Fls 7-8mm long. Standard 2.3mm longer than heel. Heads as ill (Cat)

107 3-12-32
Passerina versatilis Purir. Hae. 125, 225 FL. N. Thynne A. Marc 496, FL Arenal, FLIM leafmate being covered by a "unphared on these leaves for the bootle (fls) plants taken to be petiole. Rosaceae in that some reach, 7-12 (fls) (fls) with balsam or "orbo" 2.4-2mm long. The others perhaps elliptic. 21 stp. "fl" corolla. "r" rather. 3-12-32.
3-12-32 Hutchinsonia procumbens Dec. Nut T39, Bac. 40, Bon. 33, Cote I 136 Flyd. Can. Pastilla, Lynceville, Blackstone toward Cano and along coast between St. Johnsville, Maria near Cano, Plantation, etc.

3-26 In green vases, broad and ascending in pasture and wild Ivela. Plant ground brown, dark green (passivated) in fall (sun). 2. Logically varied; lower ones usually about 3 parts in small three segments, which terminal is largest. Both similar to Cote JH, but smaller, stronger, delacy (Crate). 3. Lowest all similar, but the name many similar 0-2 cm (usually 3 petals) sometimes as much as Cane JH. Yellow S. Early inflat., the st. lengthening to 5 in. Flowering only 5 petals 0.1 cm. Sepals upright of long, ovate (yellowish in 2), petals white no longer than sepals. Stamens 6, redder yellow, as long as petals. Stigma sessila 13 x 3 mm, 2 wide, thickish, blunt at base, after dehраsed, hardly visible. Crowning, dehisce bagg, 1 cm. 2, 1 mm wide, less than 1 mm long, elongated. Cotyledon incumbent 110.

9-12-32 Draba verna 1. Nut II 31, Bac. 23, Cote I 116, 6174, 6422 = Epilaxis vulgare DC. Nut 38. Flyd. in mats button alike at S. West of Arenal, in Arenal 15 to 202, 400 Angeles 5 to 2-6 cm, hard in from 2-10 mm.
3-12-32 Malacemia arenaria DC No. 734, Cheeke Dec 367
(Euphorbia physaloides reported from St. Tyrtyr Mar 83, not really M. parviflora DC. Fruitlea and Cata 83, Box 92) Flwts. in sand and rich glacial wet ends and dry
Arenal with above. Slender perpendicular white tap
root to 5 cm, enlarging to 5-12 cm, with 1-2 short branches.
Stems mainly wide spreading or w remindent at base.
St. brs. calyx rarely 3-appressed, often colored.
St. brs. has simple, long, blunt at tip reddened
at base, the redness covering the basal shoot highly,
less thickish, mostly entire, some 3-7 mm wide.
Petals 2-3 mm long, greenish, greenish in length, often purple tinged. At base, the petals are white or white
margined at apex. Petals 1-2 mm long, shorter than sepals,
square, tepid, entire, lightly tinged purple on
thinning, becoming much darker. Petals about 1 cm
diameter, subterete. Sepals less than 4 mm
long, connate together down middle, similar to petals on edges. Styr
leading incumbent 110.

3-12-32 Helianthemum x organifolium Peru
formae Searle No. 201 = H. Dellae Camp No. 50 Searle
Cata. 149 F H. organifolium DC which per 6 = H. organifolium
Peru
3-7-32 Pec. Febly bud Acaulic bullae. Ten
ovariate calyces with handle 2 in long vary like all
(Cote) 2 red violet rays with white calyx, 15 thickish
gray green coming out red but more these
similer hairs on both faces, especially (those
lasting longest) on edge of mid rib between but
finally glabrous. Sepals (now reddish with
similiar hairs very strong on edges. No style as
yet developed.

3-12-32 1 Statice celciana 2 Mt. F71 Bar 389, Bar 262,
Cote F60 20 H90 fl. Bristletop 3 Villa Maria west 4
Arendal, St. Paul ill Cote 1/2, Bonnie Bet, gray green
stlove or petals, crowded flax, narrow, dis not
very protruded at base. Underside smooth, glabrous with
a revolving lenticular nerves. Upperside with thick
small roughnesses like aligator skin, the lower
ones tipped white (20x) largest 0.5 x 2 cm overall
Young at gray green, finely tuberculata 1 ringed
medinette bracts. A bed of young foliage aha.

T 611 [New identification this as S. nothana 1]
3-13-32 Deline
Fl. Field just inside Arendal R in Los Angeles. Post-ber-
derfully quadrangular. St 3.5 high, now only 1 lobedut others ones starting deccently from base.
Plant grayish pubescent through out but no
reminis of glande or virginy. St fl. lines
2.5-3.5 mm acute, deflexed at the joined bases. The lvs. t. long, a desquinate, lower lvs. similar but tending to be narrower & more spatulate. Dry & now broad, terete, racemes at top of spike 10 or more secondary racemes developing later below. Bracts short, similar to lvs. but blunter 8-10 mm to 5-7 mm. Calyx 10 mm direct, narrowed to obtuse at base, with 10 green nerves, the space between thinner & transverse. Teeth 2.5-3.5 mm in elongated triangles, subequal to lvs. (a. t. s.) usually purplish-edged and sometimes reunite below the purplish teeth between edges. Corolla seems almost white when studied as long as a little longer than calyx. Dk green in calyx, red in the U. Red limit of base. Glabrous, greenish-white. Filaments glabrous. Filaments sometimes to have only rudimentary petals. Uldert f. nov. has pubescent calyx 2 mm, hilum glandular capsule 7 mm. i.e. tapering to tip of calyx. Deads unique in these, kidney shaped, 19 mm long, flat on sides, deeply grooved on back with their ruffled wing-edged Stamens not exerted. Shape more suggest. I. spec. of S. antiqua. Count 561 both included in S. servica Cl. forma antique int. 469 but relative size of carpels (may be distinct in maturity) is against this. See S. servica Cl. int. 578. Be also S. cerasifera L. Part 569, # 5. - S. forma Coarctata int. 465.闩-465. In which sense, quite fructify an
3-12-32 at Pachul, Presidio field where green was really maritime sage. In standard long at
(see 30) 3-12-32 which also still to taller
proportion not BRK #617, 3-12-32. Post S. gallica 1
or more likely S. decipiens Borell, BRK #611.

612. [BRK. S. rubella, see Kewident #612 3-3-32
3-12-32 Silene
F. P. R. Shackel, Cal Posthill, San Francisco (i.e. east 2
L. P.) Note that in one place land in really silt and with
Arctium maritimum, Silene bullionad, etc.
but don't remember whether this found with them.
Root slender as Janual white, sterile countent
at base 5 perhaps not completely erect, 10-12 in
all, dark green tinged reddish leaf nodes, pub-
ervulent but not all glandular viscid? (No gland
or viscosity on plant anywhere). Lower leaves with
many basal leaves in axils, expanded, with beginning
of stalk. Lower spatulate to broadly oblanceolate
these in erecting pears to 6x1.5 cm long tapered
at base, the lower ones somewhat narrower and
long tapered to base, the upper ones shorter about
3-4x1 em and almost straight to tapered not tapering
to base. Leaf pubescent, ciliate at the joining base.
Above edges suffused (stop upper ones) and edges
uppers almost. Inflorescence consists of 1fl 8-10 at
top pat (suggesting unilaterial decipiens arrange-
ment. Bracts like 10 but smaller. Pedicel slender
1 cm long. Calyx not umbellic, slender at base
and (at fl) only slightly enlarged upward.
Calyx 12 mm long, petal 6 mm. Calyx 2 mm, petal 3 mm. Calyx pink, 4 mm, petal 2 mm. Petals pink, 3 mm, petal 2 mm. Petals pink, 2 mm, petal 1 mm. Petals pink, 1 mm, petal 0.5 mm. Petals pink, 0.5 mm, petal 0.25 mm. Petals pink, 0.25 mm, petal 0.1 mm. Petals pink, 0.1 mm, petal 0.05 mm. Petals pink, 0.05 mm, petal 0.025 mm. Petals pink, 0.025 mm, petal 0.01 mm. Petals pink, 0.01 mm, petal 0.005 mm. Petals pink, 0.005 mm, petal 0.0025 mm. Petals pink, 0.0025 mm, petal 0.001 mm. Petals pink, 0.001 mm, petal 0.0005 mm. Petals pink, 0.0005 mm, petal 0.00025 mm. Petals pink, 0.00025 mm, petal 0.0001 mm. Petals pink, 0.0001 mm, petal 0.00005 mm. Petals pink, 0.00005 mm, petal 0.000025 mm. Petals pink, 0.000025 mm, petal 0.00001 mm. Petals pink, 0.00001 mm, petal 0.000005 mm. Petals pink, 0.000005 mm, petal 0.0000025 mm. Petals pink, 0.0000025 mm, petal 0.000001 mm. Petals pink, 0.000001 mm, petal 0.0000005 mm. Petals pink, 0.0000005 mm, petal 0.00000025 mm. Petals pink, 0.00000025 mm, petal 0.0000001 mm. Petals pink, 0.0000001 mm, petal 0.00000005 mm. Petals pink, 0.00000005 mm, petal 0.000000025 mm. Petals pink, 0.000000025 mm, petal 0.00000001 mm. Petals pink, 0.00000001 mm, petal 0.000000005 mm. Petals pink, 0.000000005 mm, petal 0.0000000025 mm. Petals pink, 0.0000000025 mm, petal 0.000000001 mm. Petals pink, 0.000000001 mm, petal 0.0000000005 mm. Petals pink, 0.0000000005 mm, petal 0.00000000025 mm. Petals pink, 0.00000000025 mm, petal 0.0000000001 mm. Petals pink, 0.0000000001 mm, petal 0.00000000005 mm. Petals pink, 0.00000000005 mm, petal 0.000000000025 mm. Petals pink, 0.000000000025 mm, petal 0.00000000001 mm. Petals pink, 0.00000000001 mm, petal 0.000000000005 mm. Petals pink, 0.000000000005 mm, petal 0.0000000000025 mm. Petals pink, 0.0000000000025 mm, petal 0.000000000001 mm. Petals pink, 0.000000000001 mm, petal 0.0000000000005 mm. Petals pink, 0.0000000000005 mm, petal 0.00000000000025 mm. Petals pink, 0.00000000000025 mm, petal 0.0000000000001 mm. Petals pink, 0.0000000000001 mm, petal 0.00000000000005 mm.
3-12-32? Sclerocepia rigida, Eriozon 31, Bro. 503
If can Poabilla but frequently seen in Majorca. It is almost certain. The myophae branches often have only 2 apophyllets. One terminal, the others denervate, not in the case. I saw as many as 5-prachial apophyllets. Lemn. 256, C 506, 2 mm long.
See chart. See Cart. C 171, Deamagelia, Balcanica.
which J. 314 says "Certainement j'appris de Schepka"
rigida. Sko 97. Not hardly "rude."

3-2-32 Cerastium
FH W. Can. Poabilla Area. Possibly with Drabanna
Malmogranaria, but not sure. Sh. 47. Can. high
Plant defoliating with spreading leaves not all
Glandular or Viscous. Leaves close together form
ing almost rosette. The myophae also
apophyllet and flowering to petiole, the lower one at one
Long and more 5-6 mm. All the
Tender. All seem lateral nerves not to run from
base to apex, or at least they show no signs of a tendency
to curve to edge. P. Basalt, Blue body to greenish
Fla. few, the lowest on pedicel 2.5 mm, highish in the
Mid. about 4 mm long, hairy, but hairless long enough to come the showy aerenchyma type
Spain. Inside edge of petals not clothed with the a
Petal about 1/2 length of sepals. Narrow, pointed.
Jagged at top. Stamens about 3 long as pedicels. Needles with or without filaments. Perhaps stamens only 5 long, no more found. Capsule opening with 10 small, straight, aptly broad, (perhaps not at all) exceeding calyx. Seeds yellowish, about 5 mm, roughened. Considers of C. ellyricum Petr. (= C. pallescens Sch.) Cost. Nov. 2171; in prof. Thomson's form of C. nemorandrum luteum (see #614).

614

3-12-32 Cerastium
Fl. fr. Can Pastilla-Atenel alta 1, backroad. pro. 8 cm. Many at from base spreading, decumbent. reddish. 1, similar to #613, internodes much longer than #613. Heads on plant stem tipped. Stems well developed. Spermocytes upper back, scarcely tipped (possibly #613 would have been similar to further developed). Calyx 4 mm long, capsule entire, 3 mm long, slightly curved. Pedicels arising slightly but not strongly deflexed. Seeds as in #613. Stamens per 5. Fruting pedicel not thick. Arhongas calyx Bee, C. nemorandrum Cost. I 217, #J383. B 178618. Bot. 52, unc in K. C. Firmans Cost. Khan 615.

3-12-32 Cerastium
Fl. fr. on same wall as above. Pro. same as #614, but more compact in wh. and internodes much no longer than #614.

Plant about 3-4 cm high with 4-6 branches spreading from near base, clothed with retrorse leaves but weak, often乒乓ing somewhat longer than internodes, those at top being more erect; flowers with the anthers making effect of a little tuft. Plant glabrous except for very base gland-tipped hair much of inf. 1-3-6 mm long, 1 mm at my side, but less than half as wide. 

My accustomed tip. At base suprafoliolar can be 3 if formed (Box 1) and pro the other 2. Pedicels filiform 3 mm; calyx 4 mm; sepals linear, 

narrowly scarious or margin, 3 mm, very 

oar shaped. Petals all pink. style 6 mm. 

Developed stamens few. Style 3.

Arenaria — L. Boivin, Box 475 Fp, Cam Packula, Arenal pros. with Deeke & Micromeria. Petals linear, gnnual, to 3-5 cm with 

several spreading branches to near base. St. often constricted with very short inlets. Stamens point 

ing linear, style from base to tip, broader mostly thinning 

against petiole. style sessile and longer than 

internodes, 2 distinctly 3 x 2 mm. without
as pitch bars on both sides and on edges giving defe. ciliate effect; edges underside often purplish. Distinctly oval, but here are few sub2 (perhaps 4) lateral nerves. Shin var. und. 9. If rather lower, incl. to pubescent and is easily removed. Soft aemul. L. stem and cyme with hairs slightly glandular. Pedicels 1.5-2 mm. Calyx 3 mm. Sepals narrow, acute, 3-nerved, nerves only on inner margin. Developed stamen less than 10. Development, white, less than 2 length of sepal. Style 3. Was considered all pro. in K. & S. Best guess is that this is from E. Bergamia. Another 2. Tertiary 1. The feel tender, but its general look is not at all like E. Tertiary the unique spires show no appendages at hilum (B. 6/35). Shape, plants to expect this suggests rather like ill. 13 alkaline lanceolata M. North 1 301

7-6-18

3-12-32? Eupatricia peplula. Propane peplula. E. peplidae Roman. Fr. Aemul. in salt-cum-field behind soldier's quarters. Tiny reddish plant, prostrate with branches from base to 5 cm long. 1.0-1.6 x about 4 mm. Capsule seed scar about 2 mm. long. If this is E. peplidae perhaps more get to found rather than have been.
3-12-32? Adonis annuaL, verdant f. thistle to 1 ft. A. microcarpa D.C. Bas. 566. Fl. advanced. (See 3-4-32 and 2-23-32). Carpels shaped like more gilliis. Cot. 2. 3-3-4, hit rather.

3-12-32 Euphrasia frigida Deaf. 10.2", Bas. 431 Dr. Hopkins. Allev. west end, not more than 6 ft. above sea level.

3-12-32 Euphrasia tenuifolia Willd. (See 3-6-32) Fl. main part f. back of beach west of area.

3-13-32 Haplophylla Soleri F. Schultze (See 3-8-32) Fl. Cl. by Lady Harvey in Bellver.

6-21

3-13-32 Haplophylla tenuifolia Willd. (See 3-6-32) Fl. Cl. by Lady Harvey in Bellver. St. not 1st normal ft. only at apex. Fl 1 cm high. Upper sepals the 2 petals normal. Lateral sepals lacking; lip lacking until place taken by member just like upper sepals of Pit. Etmanus 3: main normal position under upper sepals and the second opposite in exactly similar position under the member which takes place of lip. Fl. times asymmetrical of 4 perianth parts of Salamand.
3-17-32 Helixine Solenopila Reg. BMCP [241 = H.
428; Cont. # 246 PL & 97 Sent by Mrs. Kennedy from Caudill
Str. 7/31 0.5 fl. (which has rudimentary foot). Agree
exactly with dec. BMCP. [Collected at Las Vegas]

3-17-32 Alkanna glutinosa Missouri. Kit. 304 = A. DC.
Bar. 321, Rom. 221 Cont. # 586 FL & early Sent by Mrs. Kennedy
from Caladesye, Indiana.

3-18-32 Serpophulus peregrina. Kit. # 26, Bar. 335
Rom. 231, Cont. # 5 FL February just outside gate of Bellvue
Nite. At 1 foot gland-pubescent illegest (late camp grade)

fr. Bellvue east gate (See 2-24-32) Luciria middle.
at 11x3 cm, small at top, ped. longer below. Silhouette
might be confused with Beta maritima (Cont. # 195)
Sterculiolum Bonus-Hemicentral (Cont. # 187), gray green
on top. Petioles with distinct veins: 1 on each edge.
1 down face vs 1 down back. In all, 2 in group of 3-5
beesle in axil 95. From their mid-trace 1-3 static
short pedicules 1-1 1/2 cm long bearing up to 6-8
group of 3-9 peta or short slender pedicels.
3-18-32 pedicells (Note in one case a sessile fl. found also at tip of peduncle) in 8 to 10 per dixion stems 4-6.
Another cell attached partly at base, but separate at top thus Y. fl. not cleft joined. The verte with curling out curved points in fr., the bracteas smaller unarrowed connation to fracture. Styles 3 with frumpy back spine. Achene 3 angled, not easily detachable from pedicel as it matures.

3-18-32 Helichrysum laricifolium Pers Knt. 204 =
Fumana — Speck Bar 57, Bar 36, Cattle 157 Box Bellow westward from gate. Fine specimen 4 shenber.
1 from Hats 2-3mm long in peduncles. 40 from many (flowering) to 8mm long with felicf pr. y in axile, flask glaucous, glaucous except near top, white white, spreading hairs similar to those on edges of bracts var nevius flat. Some other flowers gland tipped. Reaks wide lanceolate their broad base catching with the linear almost cylindrical box. Amble 6.

3-18-32 Helichrysum glaucinum Pers Knt. 205 =
Fumana vicinity Speck Bar 57, Bar 36, Cattle 157 Box H. Bellow north wall. No preferable as perhaps was thy my olive. Dr. Coke Bar 57. Diff much more def put than above with the hairs eelicate and not inciliate effect. Reaks many to irregulares not broad bases in fl. Amble 6. 100 all up.
3-18-32 Helianthelenium Enuma Mill Kn II 203
Enuma Spaelem D veld Bar 51, Bnr 36, Capt 152
Fl. Bellves. To expedite the 24th. April 110.

3-18-32 Valerianella Morisonii DC. sous-espece
microcarpa Kn II 433 - V. microcarpa L veld Bar
229, Bnr 146, Capt II 268 FL Fin young (nathantunifla) Fl. Bellves. This seems to be the same species as 3-14 v. 26 8
-30 taken near mshing of Barcelo and Barrie to be V.
Annecata DC. Sealed 30-50 B and 12-23 30. Now in light
of Cota it seems V. microcarpa is so far can be deter-
mined without ripe fr. Plants 5 cm glabrous a wid
downward ang. hair 1 mm edged (cupuliforme
to eye but not to touch) to glabrous or with a few
hair on edges (corymb) or mid rib beneath.
Barbel loose strate much to a distinct point, 0.5-
mm overall. Also they are not bitutate
broadly acute, in one case with blunt point at base, other
may all acute. Plant a pale blue-green. All leaf
12 mm overall which is the same like calyx
limb 1 mm of leaf or not at all entire. Very like all Cota. Plants
now longer than all frut.


G 21 A

3-18-32 Alumena hemisticha Bandy (See 3-12-32) F. & W. adv. fl. Along both sides Bollwe. Grows 3-8-32. Th. cats. not more than 3 fl. of fl. The fruit shorter than internode. Sepal. white in fl. petals none, stamens 5-8. Fruiting pedicles spreading. 3-7 " mm. long. Alum. capsules almost long. Sepal. 4-5 mm. Calyx gland. pub.

G 21 B. albidus.

3-19-32 Qphera bombylifera Linnae. KtI 461, Bar 461, Bon 312, Cate # 390 F. Bellers very common of cuticle.

3-19-32 Qphera Remboi Montr. KtI 463 Bar 460, Bon 312, Cate # 390 F. Bellers.

3-19-32 Serapias L. angular KtI 411, Bar 455, Bon 309, Cate # 386. F. Bellers carefully studied with help of Cate.

3-19-32 Aphrospernum h.s. KtI 469, Bar 461, Cate # 390 F. Bellers common.

3-19-32 Diplorhiza viridescens DC. KtI 18, Bar 31, Bon 32, Cate # 380. F. Bellers. F. 4 mm. high, pedate 3 mm. but same green veins in relative length of 19 pedicels as noted 3-2-31. Pedicel with a few downy curved pubescent hairs. The many spreading at 8-9 cm. exceeding the bloo by 6 mm.

3-23-32 Stachys arvensis L. KeI 539, Bar 367, Bar 257, Bar 368, 8701, Costa 118 Fl. las Bocas (Audraits)

3-23-32 Hippocrepis cuneiformis KeI 539, Bar 159, Bar 91, Costa 410 Fl. las Bocas. (See 3-26-32)
Flower petals yellowish than H. ciliciana KeI 118, 6 mm long.

3-23-32 Salicornia fruticosa KeI 441, Bar 398, Bar 270, Costa 190 Old painting column, Audraits, Puerto
Carnifex of 3 pointed (Costa)

722

3-23-32 Helleborus foetidus Triphina Mill var
divides KeI 467 me in H. divides Act Bar
16, Costa 166 Fl. las Bocas. Purple flower, this is only plant occasional, not "he marquis" (KeI)
Spines in lower leaf pointed lower white on top definitely as in old young plants. This leads R.B.T. to think this is the "begonia" noted for this spring spot by Swan Lake in Majorca by Henry C. Shelton Chap XIII p. 246. I mentioned elsewhere as in The Balleliers' Their Peoples by Frederick Chaucer
Lain p. 77.

3-23-32 Scutellaria bicalcaria Bar (Feb. 6-3-32)
No fl. or fr. Identified by loc. 8-32.
3-23-32 Hypsocrepis boleatica Wulf. Knnt 114 = N — Jorge Bas 150 Pk. Las Bases.

3-23-32 Helichrysum lamarellii Comb. Knnt 483 Bar 257 Early Pk Las Bases.

3-23-32 Helixina Soleirolii Reg. BMGCP 241 = N — Banker in Frey Knnt 423 = Parastaria — Sprigg Bar 425, Cott 114 246 Fl 7 Pitt Pk Las Bases (see 3-7-32). Stems have many xantigina very welldeveloped (perhaps perfect) leaf mantlemes, the 3-loved exterior which looks like a patient is for the involucres (BMGCP) and it is not certain how was formed. The true patient being an uncommon species 4-loved tube inside L 4-1-32 E. H. S. Sub specimen collected on garden at Alfabia (between Palma Valles).]

3-23-32 Clypeola Joseflarki f. Knnt 31, Bar 33, Bon 29, Cott 114 Fl 7 Pitt Pk Las Bases. Nationalite very twisted effect (20x). on t. tow calyx. Center of 3rd papillate. Unripe seed n/s 0.05 mm so it must occupy more filling. Cott 33490 fl 4 mm diameter seed occupying the center of a capsule on the top of the plant.
8-33-32 Hutchinsia procumbens Dean (See 3-12-32)
Flv fr. Lao Bacca.

6-36 Skw. tells me this is Cryptophya nudiflora. N. Flv. = Mesembryanthemum
8-33-32 112. 3-23-32 112. 3-23-32

Next with tapering small enough to suggest annual.
Many stems (about 6 in. long from base) give very
bushy effect to well developed plants. Plants glabrous,
green, freely covered with some white (flickering)
very white bladders suggesting some Mesembry-
aryanthemum. v.spp. Other entire, sessile, partly
clawed, very blunted apex. Only mid-
nerve shows plainly but here seem be a few
obscure lateral nerves. Largest main middle
3 to 45 x 10 mm and perhaps slightly wider at
base. 14 stems some a few flowers on alt., slightly
narrowing towards base whereas slightly less
current on 14. Spleenwort. Flw sessile on
axils of the bifurcating branches. Calyx tube thick,
short (ie 2-3 mm) perhaps united with many
at base. Calyx lobes 6-equal, narrowly lanceolate,
about 7-10 mm long, slightly scraggy outside like lo-
white v. smooth. N. 3 sections or edge
thick (like lo) and perhaps a little thickened
hordes at tip but not conspicuously so. Petala-
nons. Every almost if not quite free, panicle
texture as long as calyx. As broad as high distinctly
5-toothed, with 5 sessile linear at 1-1/2

mm long at first erect, later spreading at save-wise, half with lobes of very. Base calyx lined with a fringed which bear the stamens. Stamens 10 in groups salt with the 9 calyx-like lobes (group usually of 2 but sometimes it is 3 in one group) in another. Anthers yellow attached just to the base. Stamens come to height of max. less than half calyx lobes. Calyx 1 to 2.3 mm (larger than 20 mm) wide. If now 8 x 7 mm, the lobes becoming more pronounced, making radiating flange on the top remains 5 stigmatic filaments still present. Capsule completely 5 celled. Each cell with many seeds [some or long-stalked] mat thickish axis placenta. Funnel wide, slightly flattened with stalk attached slightly above base more edge funnel shows signs concentric ridges. Not found in any books at hand. See A/1 399 for Sec 9 Arizona [Jutanger used this # 626 v # 688 5-29-32] together with present in calling both. Remembers another with nodiflora Leaf to Ms. K]

3.29.32 Stellaria media Vill but # 449. Bar 69. Bar 57. But 75 382 = 3 — Cyllar Cat T 212. Flofs. Beside in neighborhood of Heliebene etc. This is evidently was lamunson 3.2apata leerie Cat T 212. But # 81. Seeds 1 mm deep. Flattened, the sharp tubercle edge at ind. lines but more nearly keened on faces. Is well pedicled, none endtate, the largest 10 x 7 mm. Petaloes
3-23-32 petiolar broadened veiulate at base. Petal orange at apex, 3-5 style rays, plant habit as ill. Bull. 102. Calyx glabrous or sometimes as long as the opener capsule. Line of hairs distinct on petiolar leaf.

B. Plant 4 cm. high, 1 cm. across. 3 x 2 mm. with petiolar leaf.

627

3-23-32 Aroace
El Las Bases. Secures #3179 3-12-32

3-23-32 Draea vernal. (See 3-12-32). El Las Bases.

628

3-23-32 Silene [S. sericea. All sec to Kew]
El Las Bases. (See 3-12-32). El Las Bases. 1 species only found in 38 species. Portion of floral tube inconspicuous. Style slender decumbent at base. This part 5-4 in long x 1/2 in. long. Then several slender branches rising from one same point to 18-1 in long. Lowest leaf (near pointy branching small about 2 x 1 cm) in broad petiole (3 x 1.5-2 mm broad) about 1 cm long. Upper leaves increasingly lanceolate to obovate and inconspicuously into petiole, leaf apex more acuminate, but always tapering downward to base. Plant gray-green. St. pubescent with short downward pubescent hairs. Veins with few hairlets. Petioles distal. Ciliate at base. Calyx pubescent x 1 leaves might be called ciliate. No stamens.
viscidity anywhere. Its branches irregularly to few. Stems thus:

Lowest flower young fe. Ovaries 12-13 mm long, calyx 13 mm. Calyx before flowers, slender, umbrellate base, enlarging slightly upwards, 12-13 mm long, later it enlarged fruitlike at tip and alaba sticking veining of 16 green anastomosing veins on white ground. Teeth 3 mm long. Petals red (very pink when fresh) 2-crested, claws a little longer than calyx, perhaps would be called cleft. Petals seem joined together at base but this may be only because withering.

Scale white, 2-cleft. Stamens come next to the pubescent broadly beyond. In oldest 12. carpeloids included, deeply grooved, pubescent, 9 mm long; capsule 9 mm long, the calyx contrasting overtop. Flowers seeds kidney-shaped 1.5 x 1 mm more or less deeply grooved on edge flat, nude but to young to have surface.

3-29-32 629
Silene
Flufs Andreaix Puerto, Provenca as # 612 D
3-12-32 NP, from # at Can Pastelauo San Francisco
Ken identifies this as 3. rubella.
3-28-32 Sesleria coerulescens Ait. forma insularis
Ku 1304. See S. coerulescens Ait. Bas 785, 79351, 69705, Cat 19371.
Fl. Paezara near Las Bades (Lower Border). Lvs. 8 cm long, slightly
overlapping but 5.2 mm wide. Stip. 2 cm long, 3 mm thick.
All stems flattened, the axil of mid-leaf is now 2
mm and almost twice slanting the stem. So this is not
like ill (Cat) nr. like aquifol. 8-29-31.

3-23-32 Taraxacum laevigatum DC. Bas 284, Bas 284,
274 mc in T. officinale wet Xu 1 5308 pers. = T.
laevigatum Desf. Cat 1742 Fl. Las Bades. Lvs. only
5 x 1 cm irregularly deeply and regularly pinnately
with 20 mm pointing downwards. See 3-30-32.

3-23-32 Taraxacum obratum DC. Bas 284, Bas 284,
Cat 439 T. officinale Wet = a. obratum Xu 1 531
Fl. Las Bades meso to. 2 cm 5 x 2 cm, central to
bloom middle in 3 cm, with few teeth. Entirely
unlike above (See 3-30-32).

3-23-32 Herba tubulata Camb. Xu Thach Bas 106 Fl.
Las Bades (See 5-10-30 and 3-2-31).

3-23-32 Siphoidea aleurica Knob. Xu 1 391
(not = S. aequana (3) Bas 345) Fl. Fl. Las Bades.
3-23-32 Paeonia Corallina Retz forma leiocarpa

3-23-32 Lepidium Draba L. Kit 13, Bar 42, Bar 33, Bar 48

3-25-32 Romulea

Fl. From Mrs. Kennedy. Andraitx.

[In 1932 new ident. as R. ranunculoides. Ten all the
specimens submitted by E.W.K. from Andraitx and
Valldemossa, dates of which unknown to P.B.K.
Gingray # 629A is not R. ranunculoides. See # 632A
3-30-32]
3-26-32 Campanula hvensil. Kit 442, Bet 399. 
Bos 200 C. E. - L. Cottit 496 Bud very puffy. Rosana.

3-26-32 Daba vernal. (See 3-21 73-32) Baru remains 
growing to, pods all opened with septum remaining, too 
dull colored. Many specimens on road from 
bridge across street right towards Rosana. Plants 
about 1 in high.

630 [New identifies this S. apetalum Vell.]
3-26-32 Selene.
Fly young fr. Roadsides Tellers and near Daba. 
[Like 60] [Fl. like 61 of Kent in upright calling 
611 S. nordestea L.]

631 [R. ramniflora Tenr. See 3-23-32]
3-27-32 Romules ramniflora J. Britten (See 3-4-32)
Fl. sent by Mr. Kinnel from Andraico 1906, the 
longest bract, geode in top is flattened, 
bluntly so the end in cross section the edges of the geode 
being closed. Besides this 4 other geodes also plainly 
in cross section. 6 ft. stem in dewy form top falls thin 
plant flowering now curving strongly downward.

3-28-32 Arum italicum Mill. Kit 354, Bet 469, Bos 319 
Cottit 433, BM0 CP 184 Fl. terrestrial in ditch @ field up 
Arco Dolge. Still kill Cottit but too much after fl.
3-28-32 Matthiola incanaeflata R. Br. Ku. # 36 (20) 
Ben. 29. Cot. I 85. Fl. var. fr. Same field as above but 
neared above. All one ph. 6 cm long, somewhat 
compressed (Ben. Cot. long). Sepals (or pedicels) very 
slender pubescent, def 3-4. Pet. (all. Ben. Cot.) the 
outer teeth being common upper edge, the middle too 
much shorter 2-lobed. Stalk 3-5 lobes bearing in each 
side a small but def out standing tooth. Petals in 
three thick. Seeds also no wing. Giving 100 grains with 
average, 10x2 cm, rather deeply annulate 
lobed. (general M. prolifera) Cot. it. 11. Annata. 
if this were more regularly lobed) St. glandes fr. 
Flowers white, pale lilac. [June 5-29-32].

3-28-32 Medicago littoralis Rhode Ku. # 71, Ber. 119, Rute 
I 327 = M. - 201. Ben. 75 Fl. var. infra. Ph. near 
abon. The counterclockwise apical valve is visible in 299 
- 301. Barcelona. And since from which I am not at all familiar its unique 
is no more than 5 mm this seems definitely. Pet. 5-12 mm 
varies, 5 times shorter than the. Same found at Port. Pi 5-30-30.
632
8-30-32 Romulea
Fl. Vaso. f. Porto Rico erect, not near foothills (when
ferrolectic) Bulb 7mm x 5 with light brown venia.
like (3-7-32) Zululala (3-9-32), the leaf being alert
more than (3-27-32), blooming 7-10 cm long 311
mienty condition, grooved in (3-27-32). St. be-
ground 15-20mm long and 2 cm mm thick.
Self-poll. 1-2 each bearing 1 f. Sepals 3-25mm high
Fl. 78mm high white with purple lines, the calyx
divisions tinged yellowish green with definite
purple in down center, throat greenish white
(certainly not def yellow). Stamens about 25 in
espand into only slightly longer than style.
Glabrous. Stigmas deeply 3 divided peltate bas.
Perianth divisions hardly acute. Spathe valves 7
mm, the lower many more 2 each on margin
and the acute tip, the upper valve thin section
(6-4 cm) except for a few slender down venter, 6 to
when fl open looking broad up nearly, as if
it looked jfl 6 cm above alonst yellowish cara.
Spathe Fr. Sepals recurved but not forming
half circles as in 3-27-32.
Romulea parviflora f. Britten K.1 390, Bo N 468
=R. Columbinae S. VM. Cat. III 364, Bo N 304
=Ericonema Columnanae Recht Bar 449
Ident. by New as R. Columbinae S. VM. Mass.
3-30-32  ? Anomis (Arnthia) podocarpa  L. Ktn 6  
Bar 10 = 0. 02 - 1. Cote 313  F. Seed  by M. Kinnally  
from Waldenusa. Identify one as A. crenatum.  
42. Plant herbaceous, 6 in high (pre-dist full grown)  
much branched from base. All 3 - 5 - foliate, the middle  
leaf on pedicules 0. 5 - 8 mm long, the middle leaf 1 cm long.  
Veins of petalicres in lower 2, 15 x 10 mm much apressed.  
Petals almost entire, more than 20, many 3 - 5 - foliate (Cote),  
articulated at apex. Calyx tube 1. 15 mm, the adaxial 
3 - 5 - foliate lobes about 7 mm. Corolla about slightly  
shorter than lobes. Anomis peduncle not more  
than 2 mm (see ill Cote). In middle of petals  
22 mm at pedicules 8 mm long. Stipules definitely  
(Cote) but not def. dentate. White plant except exsca  
sticky with gland pubescence.  

3-30-32 Malva parviflora  L. Ktn 181, Bar 36, Ron 55,  
Cote 237 Fl v.m. 
Porto Rico seed. Leading from hum  
and up to 3000 ft. Stip. about 2 pl. high, short glabrous,  
under parts and pubescent with longish hairs.  
little single or 2 - foliate from one to two not  
Petals, 4 - 8, much expanded upper side. 60 or less  
wide of spreading pedicels. Corolla hardly  
(Cote) but not def. dentate. White plant except 
shorter than calyx. Stamens tube glabrous. 
Calyx def. accrescent but not as long as 
longest
3-30-32 Largest fr. now, medium carpels begin to show transverse ridges. One 2+mm. size of flat sickle.

3-30-32 Scopariini s. umbilicata 2. fr. umbilicata. RM. Km 104. B. 8. umbilicata 1. Bar. 574. B. 90 = 8. umbilicata 1. Cart. 409 FL young fr. Poto-Ru oiling rid from part 6 foot. Winch height perfect. Jiff from Scopariini 2 4-20-30 in 120 3X3 in all 2 stipules (13mm long) attached only on lower 1/3 and always much too far apart to overlap. 1 round 2 lateral nerves evident (the not Scopariini) esp. but not at all silky except on edges. Peelpling for 1/4 shorter than leaf the leaf is longer than leaf. Peel 1-2 (usually 1) (will Scopariini 4-20-30). Calyx about 5mm long. Nut leaf tube 3mm. D4+ sinuose rounded. 15-10mm long. Young fr. Curved as will Cart. with many tubercles. Back only domed. Grounded at top (B) this others others. (Dentate Scopariini 4-4-32)

3-30-32 Scopariini s. umbilicata. RM. 109. Bar. #47 B. 90 = S. umbilicata 1. Cart. 103. This is evidently same as 4-20-30 with 2 flat ground, simple the overlapping stipules are small and small, less 1/2 of upper 1/2 than lower 1/2. Little milky when cut 20X not greatly diff from atom, non close again slight difference. Fr too young to show mature alike but very like for wide
stage immature. flowers young 23. Potts-Ri. 138

3-30-32 Disilizineicomium. Knt I 395. Costs II 366. - Spinach. - 2. Bar 467 FL Potts-Ri. This plant 3-27-32 in Bellvue. the first time seen infl. On bright sunny warm day most open 10-12 this bud evidently ready to open and did so immediately after 1st vision put in water at home. Threw withered by 7° am. Plant may last (ca. 57) to 12. in high. 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about 205 4 inch later. the leaves tubes equally broad where expanded. Stems about 3.5 mm long. above the leaves tubes equally broad where expanded. Stems about


3-30-32 Nedysaccum appendiculatum. Knt II 412. Bar 51 Costs I 412 = H. capitatum Deaf Bar 91 FL Potts-Ri. Normal to 4 ft. (see 2-11-31 page.)
3-30-32 Asterias aquatilis. Moulth 12 x 469. Bas. 253, Bar. 170. Cast. 356. F. Fonte. From only 2 Kuftflora with scleral fl. in centre, but lateral buds suggest the may become "alorumillard." Of note 2 specimens. 1 in light green, the other in red. Most maroon. 4-7 mm. red. (Left side 3mm, right fl. 2.5 mm. open) 13 mm. diam. with blade gray toward base. Helensopyilla, a calcarvus pl. with tubercles, young as dead. 10-31-30. White, a few lateral branches well developed.


3-30-32 Felum Calycinum. Vio form elongatum. Bar. 4-15-30 x 3. x 2-32. Fl. v. v. 2. This item is noted. The Calyx elongates only slightly. Leaves broad and oblique at base, rounded often extraneous. Carefully studied E. Calycinum vio.
3-30-32 Koeleria platylobes Pfic 307, Bar. 40, Bar 360, Com III 603, FL, Porto-Ri. (See 4-15-30) 2 quarts distant from 3. Auton, common 2' 3 mm. long, shows signs of being "tuberculeuse" later.

3-30-32 Cataropodium cotinifolium Link 313, Selbera — Male Bar 504, Bar 363, Com III 635 = Porto 144.9 FL Porto-Ri. Ident same as men as C. blemmar 3 mm. long.

3-30-32 Polygala monspeliana Link 115 143, Bar 56, Bar 40, Com III 163 FL Porto-Ri. as det. 3-36-30.

3-30-30 Frankenia Early fl. Porto-Ri. Fished by hand from car and to part. This is prob. common? A. punctata from California 4-16-30 V1-2-31 thought identified without question but now in light deet absorb. Strongy brands vary, spreading on ground 1 tubercular. Many of the flower stalks mealy underneath (mealinness scattered and continuous over whole surface) but some lack at tips of the very little on node. In contracted into broad clump, petal 5-7 mm. wide, with thick white hairs. Calyx glabrous, 5 mm. long, which is 3 mm. inside. Long 1 petal flat 2.5 mm. wide and soft when
3-30-32 When flower half the calyx expanded (even when pressed down for measurements) petals pale (grayish white). Although monomeric in sesiles in the collections. All this suggests F. pulcherrimum (see note Cate) but contra in this a few tubs are oblong (7 x 3 - 4 mm) with edges only slightly denuding most of the tubular edges as if F. P. pulcherrimum Desv. Cate 61 Petals adnate, may almost buttress the top of the tube, narrower than 8 mm in spread, fleshy. Petals have edgewe tenticulate but not "emarginate". This suggests F. laevis, as thought 4-18-30.

637 [New ident. this as F. purpureatum Hook. 30-30-32??] Papavera officinarum Desv. Cate 61 Petals adnate, petal 13 mm. If indicated in Mag. in the Bas ident. would be thought certain. Stem with pod under 14 at base? F. purpureatum with which eff to and more abruptly narrowed at base but not "P. dubium because authors do yellow. Capsule nearly like price as are other species. This all, rep. Filaments filipinnate, purple. Petals (pink) pale pinkish, with nodular, bicuspidate, 1 - 2 cm broad and very 5 filipinnate, the secondary dis. broad ovate. narrower and flat with spreading basis, apex powdery with basis closely approximated except 1 of the two turned to longitudinal position. Papavera, U.
3-30-32 #635 - *Papaver* pinnavatum fideum nov. (described by Keay)

3-30-32 Carduus leucocephalus Curt. Brit 687, Bar. 266, Bon 197, Flor. 379, one with C. pygmeophila 1. BN 260. Flo fr. Porto Pt. Def wings 0.0 in. Long. 0.5 in. (glossy leaves moderate) long at least as long as head. No yellow flowers ( BN & Cote)

3-30-32 *Raphania* Papparia, Hesse 27, Bar. 36

3-30-32 *Raphania* sativa, Hesse 64, Bar. 36, Bon 21, BN 51, 427, Cote 93. Flo unlike fr. Plant only 15 in. high but it is a common weed. Largest seed 20 x 25 mm. without partition. Valea by def. Mature fruit. Petals white, yellow, several but no flowers. Color P. alpinus disappear but usually curving out P. flo. 0 in. Long leaf. Pro fr. Lat. partition this is part of P. flo. Agreement Synepis aduncan.

4-1-32 Astilbe latifolia (Kunt.) Knitt. 441, Bar 139, Bar 82, Cote 365. From Mrs. Kennedy from Vaildouna.

(only upper part plant) Stiplets tinged with brown. Very fine acuminate tips, the lowest pair joined at base on side of leaf, but the 3 pairs above show by their edge that they have merged joined. Up to 31, oval, the largest 15x9 mm, sometimes very slightly notched v. sometimes slightly truncate, and without a notch. Inflorescence peduncle limbless. Flowers white, not pink. Petals pale yellow, sometimes slightly purplish (might be called "purple fringed"), the outer petals at least 1 inch long, and the inner petals at least 1/2 inch long. All petals were smooth, no purple on the petals. 4-25. Always very yellow pale centres.

4-14-32 Specularia hybrida DC. Kunt. 441, Bar 296, Bar 82.

4-19-32 Vicia, P. F. Miss. A. Tex.
Seems same as 4-20-32. Does not V. mixtae calyx quite regular lower lip, and with 2 pairs of stamens to the sessile lip in paddles.

4-20-32 Vicia latifolia L. Knitt 118, Bar 136, Bar 85, Box 129, Cote 384. 4-19 from Mrs. K. Vaildouna.
Bulbous perennial plant and 1 ft to 3 ft.  Sometimes 5 cm or more.  Heads 30+ mm x 60 mm.  Fil 5 mm or less.  2 or 3 pds.  A long as ft.  Every part 1-2 per edge.
3-30-32, Medicago Minima. stem, Kt. 173, Cast 324 M — Lamb Boz 117, Bon 75 = M — Bartolini Boz 112, Fr. Potol Pi. (See 1-20-31 evidently same). Plants spreading upright, ground low pods all diminutive, less 1/2 soft hairy pods less so but not glabrous. Pods very apiculate in appearance about 3.5 mm diam. Spurkin ripens as def. calbournies or conical culicides. Late (Sept 23), that their edges make a knot tan with a thinner membrane between.
4-3-32 Tanneus Communis L. Kt I 389, Bar 444
Rom 303, BVH 477, Cota # 357 7/10. From Malnand Valley.
Demoneal (Son Mariques) line. Of only variety that deeply
three lobed. L. 44-32, no flage. petalage 4-winged. Bending
at or back, read, soil cements thick.

4-4-32 Lobanum Columbinum L. Kt II 136, Bar 81
Rom 57, BVH 96, Cota I 945. 4-536. FL Back petalless. Bunch
buds near gelayaite same spot as 3-30-30. Note to red
decumbent, spreading in circle with the base
central stipules being evident in center. Plant.

P 637
4-4-32 Cyclamen calceolus var. Walli Kt I 26 3, Bar 303
Cota 5-32 WallII 17517. FL Back Catala de juge d'ange weyj
Bendicate.

4-4-32 Malva minacea All Kt II 186, Bar 76, Rom 55
Cota I 236 FLI imippe. Field trip to Catala 4/17. CL
with M. silicifici L. parviserrul. Catala clientage is
much smaller than 11 but larger than 11. Petals slightly
flared at throat but not nearly as in (1), silicifici
with darker veins. Bsett. ground broad (3-4 mm) oval
Vs long as calyx. This seems def. identification. Stamineal
have cilia with tuberculate base down to longnebasic
notpeater. Ivo silicific and more nearly as in (1)
all Plato. Fls almost def. pet. alone, lvs on below to
beginning of show time. Ll alae nectar.
4-4-32. Almost 1 cm. diameter, slightly depressed in center around the narrow (18 mm) broom-like core.

L. parviflora. Handb. 1879. 1:234; Box 14. 1885. 23. ill. SS 33. Cont. 69. Fl. unknown. fr. Frequent in field spp. Cas-Catala's list. Fl white (interior petals greenish, lower petals dark pink, upper petals dark red at tip) 5 mm. long. N. somewhat creased, x 2, sepals 6 slightly more than 1 mm. long, petaloid. Alternate. Stem of leaf, mainly to 2 cm. To this, 12-14 mm. long. Good as broad as pedicel in 1/8 much narrower as the pedicel thickened in 1/8. 14 mm. long.

P 635

4-4-32. Lathyrus saxatilis. Vis. 1:26. — Bries. Box 573 = L. ciliatus. Bries. Cont. 599. Box 89. Fl. Cas-Catala's goya in back, costa side, bilobed, junction point from origins (P.B.K. records. B. remember similar plant found there before but has no record). (See also ? Vicia 11-14-32.). This age with dees (Box, Box, Box) in all except not dees, pubescent. The style (at st. to very) flattened, greenish, hairy inside, gelbores outside, seems to make it hairy. Fl. 7 mm. long. Wings yellowish, but standard violets tinged purple entire to make the effect "augil petals". Lower glabrous, rose 17. Calyx tube 2 mm., the sepals flower that inner along the upper teeth with a little curled, somewhat abortive, but the tip little apparent to eye. Plant soon bloomed with very pale flowers, M. 1/4 in. high, very slender, angle glabrous, but certain very young
branches from lower axis not glabrous.
Axils naked at base for 1 mm, lowest 5 mm pubescent
and 25 mm pubescent at base for 1.5 cm. Lower pair
of leaves 1 x 3 mm, long, narrow, at base
leaves 3-lobed at apex. Sepals 2-3 mm, 1 lobed (often 1-4
likewise), linear, acute. 29 x 20 cm. All petals
ending in abortive 1 mm, upper petals drastically
than intermediate. Stipules tiny, semi-deltoid
with the butterfly synovum, otherwise entire. Stipules
leafless, faintly calcar. Flos solitary on naked
pedicel, 15-20 mm dia. a little longer than the
petals. All pet. particularly in well-exposed
middle and upper half of juncrum. The main
axis turns out from top of plant in rich
and then rising directly (verticillate) (perhaps
spreading) or into naked till near top where
they bear tubular thorns on upper part of main
axis. Every stipule.

4-4-82 Centaurium Calceolus DC. K001 433; Bar 237
Bow 144, Cat 1 220. Flo's. Casa Catala'gare. Fi 3 mm long
of leaves on round side, serrated not counting edge
on flat side (note to the contrary)

4-4-32 Valerianella Lirioarpa De De. var. truncata
Bar K001 433, = V. truncata Otthe Bow 146, Cat 1 368 =
V. truncata Bar 226 230. Flo's. mi jepe on Casa Catala'
gare. St. branches in 2 at very base, the tenn
4-4-32 branches as wide spreading as to be almost flat on ground. Later branches also wide spreading but not as nearly horizontal. Studs inconspicuous with albit pyriformacular hairs evident to extreme. Leaves and flowers 3-30-30" and with brown edges similar to those on 44. All leaves poorly defined, which can be read like early limb. Limb acute, opening like ill P. Bud 13°-3-30-30 and 12-29-30 were the same. All with V. microphyllous leaves. This early published material is not like this robust plant in leaves.

4-4-32 Plantago Bellardi: All Kit 412 Bar 259, Catepa 147 see Bar 1. Var hyperocephala with Bar 381 m. Portalo. Str 2 cm high. Nette 24. flo.

4-4-32 Strophanthus Dale champii F. W. Schmidt Kin 15 5. = 15. — Deer Bar 281. Bar 183. Catepa 425 1. Bart Portalo. Very Catalonia. Stalks leafy deeply regularly alternate, with terminal leaf almost rhombic but rounded at top 2×2 cm, the lower leaves regularly decurrent to very small, the radicles annual with fleshy, the low leaves of the plant have little clumps or at least periods broadening by clasping. Above there are the 3-4 almost entire somewhat solid leaves which join a clasping leaf around at. Although it put. Petals yellow, streaked red, enveloping the white or sometimes suffused purple.
4-4-32

It is fr. in rocks in gage which leads northward from west gate on road behind Baudinato. At mouth of
cave on east side. road 1/2-2/3 miles from gate. Roet
root not col. Habit info suggests Acan family. 1 or 2 gray
Queen, thickish, sheathing at base with bladder
Sheath lower fall. The leaf is lanceolate, 7 x 1 cm.
Entire, has no similar leaves but habits
with 2 narrow very acumenate leaf at base.
This outline full roe but other plants had less
larger. As help from Barcelona. Ds Schultes
had already reported finding too like this "in
the back hills."

Possibly Acanthus macrolepis.
4-4-32 Vicia sativa L. var. ampluscarpa Rough
Kitt 116 = V. ampluscarpa Druce; Bar 185, Bon 85, Cont II 583
Flowers of large subterranean fls. Near clump of black
Benedicit with allamericum columbinem.
(See 3-26-30 which was just the same, oldest peduncle
35x4 mm, almost glabrous. Uncle 8-10. Petunian
plant, sometimes slight.

Benedicit-Catala. Plant I can still in many
heaths, if we well developed. Peduncles (as far) all 1-2 ft.
except one, which is 2-3 ft. But everything else def.
points to this.

4-4-32 Rheum maar alata var. L. Kitt 176, Bar 85;
Rom 64, Cont II 276 & young fr. Westgate & Benedicit on
backroad. Note this tree been frequently seen in
many big places, only once had it been noted
around the tree (4-26-30). A tree very plain unde-
veloped alatame. The 3-particulate erect and
falling as if dead. leaves leaving a little flat-topped
jareehin.
4-4-32 Asplenium排斥er Di 1254, 32, 2572
Bar 380, Cat 11694 Sp. Eutheca-Catalaunga-Agave
northeast from west gate, Randolph-just past the latter.
if 35-mm small. Baa's leaf; base but def green
front at middle (Bar 19 Bar 5.6 the contrary). Baa's
not falling wing of a clothed (like leaf); from face
with glandular hairs. Lower segment truncate at
base, the upper ones slightly pointed.

P 640
4-4-32 Ulen
lala # 612 Fly in location, walk not known.
[612 ident by Kevin S. rebecca 1]

4-4-32 Asclepias pyramidalis | (See 3-26-32) S. sub.
Portals. V Casa Catalaunga. White, another pale leaf & the joint.
set flange of lila & type of petals

4-4-32 Scorpia as.
Fly larya V. Can Catalaunga. This is documented from
and 3-30-32 to be S. sub-\text{villas}. By line that in, only the ridge
at base are armed (and points minus the 3rd projection
at base). The ridge at leaves only 9 x armed. (In the
S. sub-\text{villas} slightly subulate leaving only 3 x
armed bases). All 3 x armed well defined for S. sub-villas in shape, sp. L to contrast in between.

1. Fractured blades
2. Fleshy white skin on stem present.

Note: The leaf shape of 3-30-32 that trait to be S.
\text{villas} has fr. differing little if any from "A"
6-8-32: Kerr says "Kratiekia integrifolia, probably, but specimen too young to identify with certainty"
4-4-32
From Mrs. Kennedy, Kalilamoore. "Taprobalum (ferns) as may be annual. St. thin, straight. (1/2+ mounding), 3 cm. diam. as upper part, stouter toward base. (Perhaps as much) 3 cm. diam. at lower 2 in. Where is a fluff 2.3. There
packed closely together 3 or 4 without introd. Study well, the
beaked petioles broad and at base seem to enclose
at in a shallow excreta. Sometimes this cup base
of to (perhaps sometimes more). Don't know
whether to call this 1 1/2 petioled. In segments of lax
1 1/2 lvs) 3 art. petioles evident. Then lvs to 35x4 mm
all narrowly oblong-elliptate, usually entire, acute, long
narrowly 3 base, but in one case differentiated at apex
in another case with short lateral at base near base.
Cup petioles closely overlap. This stuff I do not care
at all. Above them at is again naked for 1 1/2 m
to what appears a similar whip. Its petals to near apex.
This occurring at very with loose, mostly down-
bend curved bases. The upper lvs 5-25 mm x 1.5 mm
narrow-elliptate base (unless of any excreta.)
All brown-green 4 more less along with white
basis, showing these upper lvs are like the green for
nearly 2/3 to 2/3, 1/2+ mm long hence
much shorter than this outside lvs, the sub petiole
are about as long as lvs. Just center. Calyx very
very hard to determine but may not superficial;
perhaps encased in a shoot (bottle) mm calyx.
tube and not developing. At what may be
the tip. Calyx tube (base Pedolla tube) are 5-6 mm
long with upward pointed teeth. Pedolla
tube 3-4 mm long, divided to about 2/3 way up
to 4 by the upper part becoming 2 segments. Lower
segment dark green, def but much shorter than the upper
making a bottle-shaped effect. Outer sepal slightly
longer than petals. Pedolla parenchymatous purple
buds, leaf. Antlered almost sessile,习近
affected
only
not sure if always so
Style reaches to base Pedolla tube and is def modified.
Antlered slightly at or middle of tube so
strongly included. Pedolla finely pubescent
outside.

4-4-32 Hutchinsia petrala B.R. Kn.II 30. Bar 41. Con
33. BU449. Cote I 136. In small clump some chitons
number of florets 1-2 in each cell (Cote 2") represents
with fewer leaves than Barcelos 13-19" (Cote 3"-1")
From Mrs. Kennedy. Valledornia.

4-4-32 Hesperocarpus Valledorensis Wulf. F.I. From Mrs. K. From
Valledornia

4-7-32 Rhamnus herboides L. Bar 99 me in
R. herboides. Kn.II 174. 5 VII P.V. Bar 64. Bud
From Mrs. Kennedy. "above Valledornia". This
specimen resembles most nearly to 1904 Kn.II
the short branches against ground, the large fl.
the mm. oval, not with but distinct petite.
4-7-32 petiole. Calyx div. with linear-petaloid venation at each angle. Pedicels stout 1 mm.

4-7-32: Arabica
Fl. From Dr. Kennedy, Vellemnam (Sa Comuna) 3½ cm high. Styles covered with stalked, strongly branched hairs to near top, but uppermost (1½ cm) inflorescence glabrous; calyx with only a few branched hairs at the petal division glabrous or with minute, almost appressed hairs. Band low in a thick rosette, the leaves 10 x 5 mm (many smaller) stamens same short petaloid, others sessile, all with long teeth. Styles reaching to base. Petal infletters, ovate-oblong, soft, thin, much curved. Petals round. Petal bases round, apices obtuse to acute, all with white edges viewed from inside. Petals cream-white, abaxial greenish. Petals narrowly into claw, 4 x 1 mm (or slightly larger), since these were taken from adaxial side. A line just behind, laid in a space, was 6 x 1 mm, with base of claw very abaxial. Petals rounded at the base, truncate at top, entire. Pod will be longer than width. Flowers 2½ mm. Too young to study otherwise. Flakes in at side & rotate fogged one of has been broken off from another part. Matt & opaque. Others are of a peacock.
4-9-32 Barbarea Truxagon. Lect. 395, Cat. # 449
Ac.(4-4-32) no yellowing.

[Handwritten notes]

[Handwritten notes]

4-9-32 Barbarea sativa L. var. apatulata DC. Res. # 451
apatulata. B. Ron. 185, R. Terreno. F. sativa L. Lect. Res. 317, which seems different. F. Terreno, both
into Palma. Common. Same plant species for other
3-14-34-4-30. and no further light on query as to whether
true F. germanica and this barvact. etc.

4-9-32 Trifolium procumbens L. (= T. campestre Schreb.)
SUK # 405, H 309 = T. campestre Schreb. Res. 37, B. Ron. 119, Cat.
Adaptate; standard strongly hooded; veins strongly
divergent, Central leaf petioloate. Corolla pale yellow,
turning brown at the covering age. Head 6-8 mm
flame. Peduncle to about 1 mm but to 1.5 cm usually
longer than pedicel, but to 1.6 cm often hardly longer
than leaf. (Central leaf Cat.) Plant 1-20, 30-50, 50-80
and calyx glabrous except for 1 or 2 fine hairs
determining some leaves. F. Terreno. Back
into Palma.
4-10-32 Erica arborea L. Kn 361, Bar. 257, Brit. 202 Cat. III 81 3 Fl. pd from Buxista nova to Orient at cut D just before 7.15 p.m. Pedals white. Exstipitate stem with red die from summit, reddish brown pendent like greater beehive. Orth. E. multiflorus.

4-16-32 Arelia maculata L. Kn 401, Bar. 311, Brit. 466 Cat. 1402 in. D. - 1 var. Buxista Relib Bar. 403 Fl. pd from Buxista to divide many Holland. Only 1 March. (See 4-20-30). This freely split bladder as a amentum to the little green stems. Sepals are more nearly oblong than ill (Cate) and of true (Bar).

4-10-33 Linum angustifolium nude Kn 136, Cate. 331 D. = 1. - 1 Bux. 54 = 1 Linnaeum Mill. Brit. 87, Fl. pd Buxista to divide many Holland indelible. 15 cm. high. Anthrose 15 x 15 mm. (Cate). Sepals 3 mm. (Cate) dentilicate rather than ciliate on the cutin. Nymph. 6-28 and 8-2-33.

4-13-32 Altis australis L. Bar. 422, Brit. 253, Cate. 3. 6 = 1. Fl. very young. (all but young) pd. Buxista brown. Orient. Some float at least see 4-merous.
June 10, 32: Carex glanea Nutt. No. 1347, Box 33, Plate 147, 385
(See 4-4-30) Senonium pruin. Box 33, Plate 1 579, Plate 2 580, Plate 3 585, which are once or twice as
allenate 3-lobed one, base finely dentate, point of
the leaf [C. 342]. But consider also C. paniceus L. Plate
3 576; Box 577, Box 33, Plate 2 378 to which this would be accorded.
Of listeriae Box 11, length 4.10 mm. Only 0 spike in
the lowest boot; the two upper 0 spikes in the long
booted. Not green, not glaucous.

4-10-32: Tamus communis L. (See 4-3-32) Box 78, Buick
Note: Anthers consist of 2 pollen sacs, side by side.
Curved in half moon or top filament, preventing 4
ridges to be broken from the other.

4-10-32: Erineum aquaticum Nutt. No. 23, Box 25, Box 24, BM 3309
Cortex X Fl. R. R. From Buick's Portland. Dir. from
plant common around Pheba in that track. Are
only 1 2-flowering forming a compact little mat, from
which issue the stems 2 3-flowering, the white flowers
flattened to base. But not E. visceria since
calyx much longer than pedicel. 0 flowers flowers
fails.
4-10-32. Populus nigra L. Bas 427, Bum 287, BRW 429, 273
# 339, BM 1226. Very young. Cult. along streams on
Red Butte Circuit. Scale young. Geographically
inclined. Petioles pubescent. V. linear lobes. At base.
Healthy leaf elongates Palearctic

Pubescent. Rect & adaxial new 3½-4-in
long (BM CP, BVH 111, 114, 118)

* V. cuneata Mert. &

(See MLT 115 V. cuneata Bess. MLT 116, Bas 579,
Bum 85. Perhaps = V. heterophylla Tral (= V. cuneata
Mert. &) Lint. 383 Fl. V. young. June long in Case
I, 3%. The solitary fl. nearly: Calyx regular with
equal teeth; podshells. Softfuzzy. Young bark
thin;

from parallel spreading in soft matted ground;
lower fl. 21-2 pairs of leaflets (L. 4 x 4 mm) with
pedunculate tendrils many long young. Non-
quilmes except for few fine hairs in edge. This
point turns 95-96. But this by short (less than
1 cm) tendrils, upper less are often simple, those
uppermost are sometimes 2 to 3 parted. Join this
group then = V. heterophylla since contains
that Gann (not "inflant anti-sterile") flower
up to 2 x 11 mm on tall thin white leaf.

studies all stipe, leaflet taper to Leaf life and
apathe on upper leaf, with in leaf 11 987 (rather
leaf like 988). Calyx tube 4-5 mm to teeth 2½-3 mm.

Series: V. cuneata Mert. (BMCP, BVH 111, 114, 118)
On roots a few small club tuberous, at slender but at tips angled. All parts slightly pubescent. Fl. 4-10-32 slide. Buñola towards Alcout.

4-10-32 Vicia sativa var. amplissima var. Ross (see 4-4-32) Fl. young fr. x/cleistogamous fr. Rd Buñola towards Alcout. The max. linear aculei of this not tall like "rippula.

4-10-32 Platanus
1 Fr. x/cult. Rd Buñola towards Alcout. See RMG 399 CP
Precedent Pot. Presidental. Por. Presidental. Pari. Well. 2 heads 2; style the hardly distinguishable 5 mm long. 1/5 ft. 1/2 to 1 in. old heads to be useful) 1 as young all 2 or more, the youngest rusty.

4-12-32 Clusia hirta var. form. 3-26/4-25-30.
4-12-32: Melilotus indica All Kvt 76, Box 22, Ex 125
-2570.8 BMT 404 = M. indius All Kvt 398 = M. paniculata. Desc. Bar 121, Box 76, Cost 1 331 Ed. 1

Kennedy from Yallourn. Its fragrant 3mm x 3mm tubercle less long, the standard just slightly longer than the winged sheaths which are nearly equal in size. It has a fragrant tubercle, but narrower and stouter. 3

4-13-32: Lathyrus saxatilis Vis Kvt 126 Fl. From Mrs. Kennedy from Yallourn. Seems same as 4-13-32. Early fl has yellowish cast but standard flowers white. Longest fls 2cm and internodes only slightly broken at this length longer than pedicel. Mackay Oct 1930

5mm with acute flaring teeth shorter than tube.

4-13-32 Medicago scutellata L. Kn. II 70, M — all Res. 1153 Ram. 74, Costa 328 Fl. v. adv. 
Field on west side of torrent 
Lent.Cath. Barney v San Rapina Rd. Largest flowers 13mm 
diameter. 1ft to 25x15 mm. Depulvelang (to 6x6mm) v 
self but much shorter than petals.

4-13-32 Arum italicum Mill. (see 3-28-32) Fl. Toronto 
2m. def. Black spot. Spots in irregular small 
black spots or spots close together other wise like the usual 
A. italicum growing along side, except probably 
its slightly less resilient.

4-13-32 Serrapias preniflora Parr Kn. I 410 = S. ocellata 
Gray Bas. 455; Ram. 359; Costa 386. Fl. Same torrent 
as 4-12. Thicker 4-10-30. Carefully compared again 
with S. lingua found in a same neighborhood.

4-13-32 Gladiolus clymenstch Kn. I Bas 448, Ram. 365 
Costa 371; Fl. Terreno-San Rapina

4-13-32 Gladiolus clymenstch Kn. 396 v. — Rare 
Bas 446, Ram. 305, Costa 370. Fl. Terreno-San Rapina

Same def as noted 1930.
4-13-32 Vicia leterasperma Moench var gracilis Axel. Kt T 120 = V. gracilis Lois. Bae. 87, Bae. A 87, Cate I 390 = V. lenuissima Scherg. Thell Bae. 417T 33, 301T
#15 = Erratum gracilis DC. Bae. 417T 33, 301T 3-4
7-8 mm long. Some plants about 31 mm long. Other
numbers about 14 mm long (without style) 23/4
wide, glabrous. Seeds 5-6. Calyx with no more than 1/2
as long as tube, the 2 upper ones oblique and curved.
Upper edge to wide rounded rimma but not
not greatly unequal in length. Sepals entire.
Distribution: San Barbara, Santa Barbara, Santa Maria.
Tendril calyx always
simple, rudimentary or very long and curly. Style
as wide as petal. 
20 x 2 mm, linear-obtuse-acute. Knees
also 2-3 puffix to 6 x 2 mm oval, basal obtuse. Knees
Pedicel wide. 4-14-38 Style hardly flattened. Style usually
hairy, all around at tip (not deflexed). Carpel pale yellow.
Alae, the standard united (not subingly) dashed.

4-13-82 Vicia peregrinal. Kt T 116, Bae. 38. Box 86,
Cate I 382 FJ further south than above. A dark purple
15 mm long, in pedicels 4 mm long. Lips to 20 x 17 mm.
Lip of calyx exactly as ill. Cate I lower tendril rudimentary
in sample, the upper branching.
4-13-32? ? Vicis cuneata, kuss (see 4-10-32) Fl. very frag. Plant more like B. (4-10-32) & to 6 in. but don't know whether decumbent or not. Fls. to 5 mm. Podlets with tubules similar to A (4-10-32)


4-13-32 almost all shoots, 15-17 mm long, widely colored, the kind of standard (not a reddestia) that mason
reindeer, the blue parts light purple, calyx purple, pulvinate, tube 4 mm, the upper 2 tooth very small, 3
lower 3 mm, very small, much smaller than Calva (need to consult key p. 382), and
so having parts give effect plumose, and if the flowers (cost)
early ship, it is very pulvinate.

4-13-32 Convulvulus althaeoides, Nutt. 396, Bas 517.
Bo 217, Cate II 570 E. Terra. Sam. Paine. 45 Calv.
striate in longitudinal bands that were outside fields,
indeed.

4-13-32 Bromus sterilis, forma madritensis
in I 325 = B. madritensis. Bas 509, Bo 367, Cate 646 E. Cattlehead granite limest. Old field on the
side north of great. Many stems from one fleshy
root, to 43 cm long. Stalk erect, very like till (Cate
Bo 217) 52 usually 7 (Cate) Pale especially back to
toward tips.

4-13-32 Avena fatua 2, forma barbata in I 301
= A. barbata Boast. Bas 497. Cate III 591 FL
withe, 2½ ¢ high. Calyx bearing only 4 to
with small, not exulants, record from same
root giving off effect to base of plant.
Panicle looks like "rat's tail" not defiled except in uppermost part where it becomes a raceme (4-6 flowered branches). Firmly 9-merous, 2 cm long, the dark brown stamens 8; lemmas extend 2 cm further. Harris on lemma def. White lemma ridged with fine parallel 5 mm long, brown yet articulated. Rachis borne with long villous white hairs like lemma. Fls. 2 with rachis protruding bearing rudimentary H.

642

4-18-32 Lathyurus Odoral. (See 2-26-32) Fl yamnige, fr. Do toerotithis under unknown, 9-18-32 Terina, con Rapina

643

4-13-32 Silene. Fl. Terina. Seedese 4-31-32

[Sketch of plant description]

Locally, linear, prince 2 5 x 2 7 mm, many in lower hand. Styles (4) terminal stamens Petals 7-10 mm, subtend ed by narrow bracte. 5-8 mm long somewhat marginal v white marginal at base, slightly glandular margins (otherwise plant quit greenish). Calyx mm high, its lobes bracte, margin at base with white (or purple) Corolla 2 cm high (perhaps taller) with slender, sharply pointed violet upper fully 1 cm. Corolla pink, purple, blue, white to rose yellow, ribb orange; horn spatulate. Raceme on lip. Sepals 2, lip deeply cleft.
4-14-32 Specularia hybridre DC. Kuti 441, Bar 286
Born 197
Cost 492 Fl. from Mrs. Kennedy
from Willendorf = Campasules — 2. Br W 287

4-17-32 ?? Vicia cuneate L. (see 4-10 W 3-32) 5' by young
fe. Bellows 17 ll-13 many long spikes. Standard very pale
with faint darker markings; wings red; heel much
smaller, marbled with dark tips. General effect pale
pink. Plant erect and more slender Willendorf than
4-13-32 between the same in essentials. Sepals
unchanged. Flowers 2-3 parted as (4-10 V 4-3) Roto with
as nodal (4-10 V 3). Note Calyx gentia exactly same as E. festa
v. Reclinate v. Costanche = purpurea for 2 weeks.


Fremdio Mellosa forl boa 3 fl. haut.

Gallem

4-17-32 ? A parasolised from microspermum Kuti
422 = A. microspermum Desf. Cost 345 (Vendee)
A parasolised see Bar 222, A 748, 50 146 32 Cost
246: for A. anglicum Hyde see Bar 142, Br W 222
I Cost 345. All very tall two gauging but
Br W "A. anglicum Hyde" by many stems to still
regarded as a smooth flower from the continental
A. parasolised, in which the fa is concern with
Priéty on the 1978 Bellows. Thrice very slender. 5. in
high from 5p very slender. 2. 5-21st rough
on angles with minute downward pointed
triangles. Os with trichlets in 6-76, 5-6 mm x 11 mm.
much shorter than internodes except at very base, with minute upward spurs along back and edge and bit blunt at few on upper and few near edges. Very ill Cote.

4-17-32 Allium bulbosum Nutt. var. bulbosum
Bar 176, 370 = A. bulbosum Saldan 200.
Fl. Beller. Frequent in places east of gate.
Same as deal 4-10-12-30. Bells yellow violet
longer than present. No abortian at all, but
on lower half but not from middle to the very
finely tipped point. Bulbs 0 present.

4-17-32 Ornithogalum umbellatum L. Nut 1336,
Cote 130 = Umbellatum umbellatum
Vib. Bar 205 = Ornithogalum umbellatum
Fl. Beller. But the bulbs are now
very slender (will Cote #1595 or 1596) how
needs reconsidering (see 5-14-32)

4-17-32 Linum gallicum L. Nut 134, Bar 78, Box 36,
Cote 130. Fl. Frequent. Beller. Smith 2.2.138
Young branches slender, naked flexuosa. General
very different from the structure. Plant after...
4-17-32 28-1/2 inches. A. strictum (strictly coiled stems) is rough to touch. (top down view)

4-17-32 Bromus sterilis, forma fasciculata


4-18-32 Helminthosporium sp. Cat. 419 = X.
L.Bar 423, Bre 283, BWN 45, BMGP 233, A343, Cat. III 257
Fr. Juxtaposed last three may Skull #1 1/2 x 1/2 x
8.9 mm. Result: well formed but not quite reaching
to notch which is completely closed. Young cells very ill (Costa or transverse pointed)

643

1-18-32 Hypocreopsis telearica Wulf
El Castillo de Alaro
P. 645 [L. aphacicus Retz see to New 5-2-32]
4-18-32 Lathyrus

P. Field east of Orient east of Opp on path down from Bluff
Castle. E. with L. aphacicus Retz. White, at running
^part underground, sending up branches at intervals
but also bearing at tips of roots at intervals
along subterranean at, subterranean branches
which thicken toward end where 1.1/4 mm of which
this completely underground are fully formed the
not wide open. These flower glabrous, calyx white, like X
but standard ovary pink, (not as simply colored
as in subterranean they), divided at tip, at least,
many glabrous, at side, deeply groove on back.
1/pods 2) covered. These 1.4-8mm long, the above
ground at 18-10 cm long, angled (speculate could be
called narrowly wedge). Other looking glabrous
vulcanus have a few tubercle-traces bands on edge;
upper part is all 2-flats. 1/5 flowers (2) often
my small (3mm long) with 1-1/2 mm. The
upper row of flat tubercle 5mm less, 1/5 increasing in size till uppermost are 1.5-20 mm
× 2-3/2 mm wide, distinctly 3-nerved with central
(abdomen most at 1/2) on uppermost 1cm long curling
but always simple. Stipe longer than
petiole, half aso, above, the upper leaf to 1/2 mm
and 3-nerved, hence looking much like ft,
the lower lobe narrower 1-nerved. Stipe other
side entire except for 1/8th in the very
shallow sinus bet the lobes (sideaway from
petiole) flat solitary in peduncles 10-15 mm
long the usually articulate somewhat
above middle (point articulation marked by
a hardly visible 20x calyces point not near
bracts and near no arrow. Flashed beak
with no trace of purple the exact blade as L. sphaerica
nearly leaved leaf glab, similar to that leaf
and line straight not toward fleshy blade also similar in
that standard is staked but the stem is broadera
somewhat different in that the standard (perhaps
slightly broader) is more concave the twisting
of the style through the bar seems a less ashen. Fl 12 mm
height usually 12-13 mm broad.
Calyx glabrous about 5 mm long in which the equal
adult 3-nerved teeth are about 3 mm long. Stigma
to inside flat twisted, many glabrous, short by, a
ridged or both edges, so much so as wrapped edge
that it may be winged in p. Annes 2-3.
No mention in any book, but with other common Ls
very. Thus seem to blend C. L. sativa L. with
those of L. sphaericus Berg. (3/13-32)
Cf with L. Cereah which is similar in having
beak style bent C in leafy all parts, 8 to 12 cm x 5 mm
Calyx 3 mm long which teeth are 6 mm; upper tendrils
long v. branched. Corolla a purplish pink to a brick
red.
4-13-32 Lathyrus angulatus L. var. sphalereus
KnI 124 = L. arabicus Retz. Bar 146, Kn. 89, Cat. 1898
(See 4-20-32) Carefully of note L. 4-18-32 Fl. Pyd.
let Castile Leadville. Rotton told so can't tell if
any autotanemus st. Many trailing at ft from
Hog root. Much longer than one in epi at the
upper one to 35 x 2/3 mm, the 3 nerves distinctly.
Stipules likewise definantce the 3 lateral in
straight line but having the tooth as in A. Some
minus should be. Pedicules about 3 mm
well defined with 3 straight mm 4-10 mm high
which is like a continuation of pedicules. Only
much like (k ?) Style not at all twisted, very much
without many 2 ridges and edges, longer than one comfortably
wider.

4-18-32 Lonicera Cinerea D.C. KnI 651, Bar 106, Bar 70.
Coate 301 Fl at gate where path from C. J. Laros underplowed
field many Stol thirst (at saddle) I only seen. Remember
chassat 1ift. lifi. lower parts bare woodly, the end
thickly briefly branched with short erect maggy
there gray-green, strait, pubescant, now if ever except
as few tons when appearing. There alt, not much, simple
pl, short to 2 mm long, thickish, pubescant beneath with only few hairs alone. The twigs branches
constate lanceolate Fl. (Solitary or occassonally
in 2's). Pedicels 2-3 mm, with 2 long bract about
middle, what are these the beginnings of young box.
at base. Fl 13 mm overall. Calyx 3-4 mm silvery, the lips about equal, the tube with 3 short teeth, the upper widely deeply divided about half way to base. Calyx (the lips cannot be called "plus longue que le tube") Cordia a
25 ft yellow. Standard equal to wing petals, are
shortly (about 1 mm) shorter than heel or standard
sometimes equals equals to heel. Standard petal on
back but wing or heel are even more so. This not
mentioned in orbs. Wing or heel def fall forward
away from standard in late style (Cates says
not) heel 3 petals separate at base upper and easily
separated visible lengths. Style dehiscence sometimes
shaggy exerted. Stamens plumously monadelphous.
Calyx silty. Ovary about 1/6.

4-18-32 Geranium lucidum L. Knut 128, Bai 52, Cons.
57, B 4495, Cate 1244 Fl 3 young ft. or well above path from
Unknown plant. Transverse bundles of sepals usually
projecting strongly conspicuous. Petal blade 8 mm
claw about 4 mm. Antepetals 2 claw proportionately
longer Claw with 2 collateral side buds. Clutia an infra
R. Rhodanum 1. with which confused.

4-18-32 Antirrhinum Damasco L. (See 4-17-32) Fl 4, 4 to
10 ft. from Mrs. 5. sheerly from Vallsucra, F 2 field both ears
just as ill. Cate 125), the longest 1/5 mm from tip to
lip 1/3 mm wide.
4-18-82 Achyranthes sanguinea. (570.42-1-32.8)
4-18-82 Fl. Castille de Alaro. Of interest as the same smaller in its parts & decidedly more as it assumed not cuts 8 x 4 mm. Fls. small yellow, Consolida plumy yellow, another pale blue-green.

4-18-82 Medicago arabica. All. x 3, BvH III = M. nudis. A 370, BMGP 484 = M. maculata Willl. BvH 117. Box 75, Cat J 325 FL. An upright plant. Castille de Alaro's plant seems to be reddish with a spreading pubescence more obvious than boxes augent. 1/0 x 3 mm (making broader near than near in M). Small black spot very distinct. Yellow for short than the very diffuse leaf.

4-18-82 Medicago
Fl. Fieldcrest. Oldest of spring shoots found from C. G. Alaro. 1 plant only noticed. Attracted attention because the flowers are peduncles long than to near 6-10 the making more globular effect than maculata. M. St. up peduncle only very pubic and of spreading hairs but not all glandular. Sts. spreading decumbent and reddish except tips to 0 x 15mm, finely to leafless middle, lattice flattened or rounded at top. All tuftless brown tinged a very reddish beneath.
8 diplodes decoto. Peduncles 15-30 mm usually longer than leaves, with terminus even of 3 mm. Flower: clear yellow at first but later turns brown, giving a bi-colored aspect. Column 3-4 mm long, slightly equal the 4 upper petals, distinctly obliquely downward from slender, curved, acuminate, that these are not distinct, distinctly on top. Teeth as long as tube. Pedicles as long as tube, susized by a small, cylindrical bract which surrounds its edge andapulate at tip, making it almost a 3-like effect. 15 + mm overall, 5-6 mm more, slender, deltoid, acicular, than leaves. Leaves linear (showing indistinctly twisting) somewhat slightly beased. Leaves about 5, but leaves then described. M. at same stage.

4-18-32 Arabon verne. P. 32. Knott 18, Bar 35, Bar 36. Cast 529 E. Val. fr. Castello. Albus, Claren. Frequent on the north, olive mostly about 2 to 3½ in. tall, or very few th. Only occasional box about 12 ft. on southwest. 1½ ft. or so. Olive. F. 1 mm, high, rather less across. Petaloloma. This olives good now. 7 cm, exactly as all other. Clean green-white. Leaves show dots but possibly not being "Carenas." (Cast) Pubescence satellites.

4-18-32 Castille de Alaro - Current. Frequent. Reda about 2 in each cell.

641 [S. sterilifera L. see to Ken 5-3-32]

4-18-32? S. caspitanum DC. Cast #11, Row #11
4-wd. No. Castille de Alaro. Frequent at northern
side of old fortification. 7-1-56. V. B. must be
S. rubens L. (which see in Row #3) but agree much
better with S. caspitanum in Cast. Different from S. rubens
as aera. Cast: not pubescent, glandular (quite
glabrous throughout), not linear, cylindrical
with 13-15 mm. helis. Dessic (oval to thick, never more
than 1 cm. long, very blunt, deeply imbricated,
attached near upper surface. Vacular about 8 x 12
5-6. Petals not accrescent but simply acuminate.
This red crape (now unripe as wide spreading
fruits) more like ates than "Crape." Carpels (20x)
show a little tuberulacean. Most of the many
show trace of what may develop into papilae
on longer.

4-18-32 Veronica arvensis L. Kn #336, Bar #344, BM #236,
1376 149, 6726, Cast #37 Elvas #4. Fine as fruit # path to
Castille de Alaro. At time collecting some plants with
fl. blue; others with flesh salmon.
4-18-32 Hutchinsia prehala R. Br. (see 4-4-32) Fl
v. in all stages. Castelle de Clair, C. P. with R. pro-
cumbens Dec. 8 4-18-32. Note: D minutely stellate
hairy while R. pro-cumbens hairy at quite flowering.

4-18-32? Astrantia sagittata DC. Bar 36, Cot 100 Ft
II 38 maps all R. reported from Belchers, except some R. B.
on forms. A. canuta Sect. J Bud Castelle de Clair
on map 3626 Hiv. var. Photo to show whole plant def. completed
stalked branchlet, broad ovate by linear
long to 2 x 1 cm. almost petioled, almost crenate, very
round at tip, purplish leaf as branchlets whose mid-
merve almost gray contrasting glossy green. 1.5 cm.
high, purple 1 cm. included to 2 cm. strene
thickly stellate with 15 to 25 base hairs. These
at base long with deciduous 1 cm. tip broadly rounded.
erect crenate, the base with def crenate. 1 cm. long.
1.3 mm. oval x 6 mm. the crenate 2 mm. long. 1 cm. round
stop or generally smaller. Hutchinsonia getachamita
new. This will be named Bar in Castelle de Clair
Petals yellow, glabrous. Petal about 1 cm.

4-18-32? Trifolium tomentosum L. Nutt. 83, Bar 127, Bar
78, Cot 1342 Fl. R. Atlantic front ft path to Castelle de
Clair. Imply plenty. Expects 2 dec. will Costa


4-18-32 Daucus platycarpa Scop. Nut II 256 = Alcalç. — Rock Bar II 192. Costa II 164 = Cencalç. — 1 Bar II 164. Fl. Field three which both from C. de Alcalç seem to be well growing Orient. Plant quite glabrous. Bracts have turned purple. Bracts joined sometimes in a spiral. Lip segments exactly like those of D. Umbellata made up of few (1-2) slender petals. Petal flowers several. Petal flowers (ovary) in pedicels enough longer to be well reach same level. Pile violet to constant on same plant. Calyx white to light, acuminate. Calyx or fertile flower appendage of same 3 disposed in hairy petiolate. Bud brown, tubular at first, becoming 2 bracted 3 rows of 3 short petiolar bristles. Flower Devidas petal venation where inserted more finely and which has similar arrangement of petiolar stipules.

4-18-32 Alonia Ornithopodioides L. (See 3-30-32). Fl. Castello de Alcalç V. Orient. Seems more or less 9-30-32
except that Jeff vars run 22-24 inches longer.
Plants 4 in high.

4-18-32 Anthoxanthum odoratum L. \textit{Kit} 291, Box 85, Box 350, Box 121, \textit{H51}, \textit{Con} 1539 Early fl. Field with 2.5\textsuperscript{a}.

4-18-32 \textit{Vicia}
Seeds name as 4-20-30. Fl from Mrs. Kennedy, Valldemora. \textit{Nod V. lutin.} L. as Calyx regular, Towered, with 2, 3, 4 cordate 6-12 mm tendril. Upper leaves with 5 pairs.

4-20-32 \textit{Vicia bithynica} L. \textit{Kit} 115, \textit{Bel} 139, Box 80, Box 129, \textit{Con} 1384 Fl from Mrs. Kennedy from Valldemora. Only upper part of plant sent. Leaf 4 (sometimes 5-6) x 10 mm. 1-2 x 15-20 mm overall, 2 on peduncle, 3 as long as leaf. Star Acer in edges.

There is no \# 649

\# 650 to E.W.K.

4-20-32 \textit{Lathyrus}
[No further record kept. Prob was from E.W.K.]
[This is the desp. J.S. prel. 4-13-32 on 643 which was noted S. ? gallica.]

4-21-32 [Silene nocturna] 1 pt. 466. Bar 56. Bon 48. Cool 179 F. V. unique fr. Torano (arch into Belm). Different largely because of pale thistle-like ill. Coat of headlight transplanted below middle of ped. will have other branches from lower node. St. finely pubescent with longer spreading hairs near base, hardly if at all glandular. Lower part w. ill. Coat. round at upper dilate towards base w. long hairs which have articulations alternately thick & thin. Upper part just has velvety look because articulations much longer than w. ill. V. def. 3 - sided. Fls. all profusely & floriferous than usual. Corolla light; petals def 2 - sided. All but capsule now 15 mm. on ped. erect. Stalk 8 mm. very like ill. Coat. Seeds rough on back but rather smooth in center. St. grooved sides narrow.

Specimen from F. S. Kennedy from Vallecerra n. more glandular and has more branches from lower part. Some edd. on stem itself. ped. with hair at sides but other def. white & def. white above. N. S. above.

651

4-22-32 [Silene]

Fr. Torano. Common by roadsides. This is the S. ? 3-36-33 which was thought them to be same ad 611. ? 3-2-33. Seeds are dark brown, deeply grooved in back with edges ruffled (might be called scabrous but cannot). Barcelos 737 x 32.
because capsule (mm long x mm) is on a lattice of only 1 mm. Capsule may be ill-f. gallica (Estat) and ill-f. sel. plant make this not impossible identification. But filaments-not at all "welsummer睫"

Plant many traveled from same; branches decumbent at base. Note that don't fish has seed to 2 cm (ascending) while those tip fruit almost sterile. Notice that often in case they have long jack for sometimes, in case I suppose for the fact of self-fruit which sustains them subterminal, and almost a quite sterile from without leaves (or at its base)

so that influences a simple

screen.

All evidence seems to point to S. decipiens

Barcelò' Bas 61 which its cells S. decipiens

var. aspendata Kru MK-471

4-23-32. Linnithagallum carboneseum. Knu 377,

Bas 436, Bas 296, Catt 317 FL. Bellows. Resid somewhat

green ininside about 13 mm high. Filaments broad 2

mm, the nnaor stamens almost to 1 mm and are very

narrow in 2 mm = 7 mm wide. Style almost exact

dength of filaments. Anthers rot?t. Pellicies 8-12 mm

the very acuminate facets along a little. Vex within long

a little tuft on the unopened bud and top for grace

Pet is not yellowing with age. St. Pin leaves the

3 by only slightly shorter.
4-23-32 Ranunculus arvensis L. Kur & 494, Bob 20, Bot 11, 1839, Cate 27, Par 8. Few well in 4.7. flower.
Plant of thistle in upperside, parts (Bob.) the contrary.
For with long conic flower on faces but rounded edge except for projecting back, exactly as will (Cate)

4-23-32 Rapistrum rugosum Berg fl n. 27. Cate 14/ = R. - All Bot 43. Box 34. Fl. fl. 1. Ferro. 123. dump at east end of Calle de la Rueda

4-23-32 Rapistrum rugosum Berg var. terminale orientale (Kur. 38 = R. leonardus K. Röb. (Kur.) Bot 144. Cate 14/ Fl. in the fl. 1. Ferro. Perhaps with a bar on the in Bellsee. Pod has slender pedicel 5 mm long, lower joint is more slender than upper and 1 mm long; upper joint of this same size as R. 1 - equally though this bigger are more broken. Note upper joint rounded or perhaps even more definitely than in R. - 1.77 mile the same which consequently about Cate "attenuate" v. "contracte".

orientale

Rapistrum

<table>
<thead>
<tr>
<th>orientale</th>
<th>R. leonardus</th>
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<tbody>
<tr>
<td>Kur 38</td>
<td>Kur 144</td>
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<td>Bot 144</td>
<td>Bot 144</td>
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<tr>
<td>Cate 14/</td>
<td>Cate 14/</td>
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<tr>
<td>Fl. in fl. 1</td>
<td>Fl. in fl. 1</td>
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These differences are suggested seen in p. 33. The Kur 143 agree in with Cate, hence on basis of the abruptly contracted upper joint disregarding Barcelo, this is p. 33. R. orientale (see 5-3-32)
4-23-32 Carduus pycnoccephalus 1. Kt. II 287 3er 266, Bar 177, Cate II 374 FL. Terreno. Hedge C. lanceolata C. 2er. 3er - stamens slender v. as narrow as elongated in Kt. II 287 3er 266. 3er - stamens slender v. as narrow as elongated at top. Heads almost siliceous or much pedunculated to 1 cm. Heads 3½ cm high; the florets projecting beyond involucres by 5 mm. Exammari. No outstanding groups of fls small.. (much shorter than heads.)
4-23-32 Cardua lennitans Cav. (see 3-3-32)
Fl. Terreno. St. shorter than 2.5 ft. - def. ranges to 
top. 1.20 or 2.60 outdoing previous heads longer than 
heads. Heads 2 cm. light. The florets projecting
very slightly beyond involucres.

= F. canescens var. Cav. 7524

4-23-32 Filago germanica L. cv. 451, Bars 358,
Bon BN 238, Cav. 754 = trachyhalium germanicum
Well Bar 173 = t. germanica Dumoff 4819 Fl.
Terreno. This is one commonly seen up to now
stiffly erect & unbranched at base.

4-23-32 Filago germanica L. var. spathulata DC
cv. 451 = F. spathulata Real Bar 259, Cav. 754,
Bon DN 214 = trachyhalium spathulatum DC
Bon 173 Fl. Terreno. Spreading independent
branch from base. Not very different from above.

4-23-32 ? Allium fragrans Kent Bar I 374, Bars
Bon Cav. I 342 = Nothoscordum — Kentich Kirk
B.A.F. 476 Fl. Boldsick mental of Infant's-ear Plat.
Bellves. This is a common plant in Costa or very
weighty. Except that petals are yellowish bud
off. Petals more same white. Quite at base. Very like all Cav. Bauls white but in
flowers which the base would bear the rot. 1


4-23-32 Podocarpum calycinatum Kt. 542, Bar. 282, Bar. 86, Cate II 423. Fl. Bache 419 Palma. The stem spreading ov. Plant pale gray green. Stems to 2 cm high, with papery slightly projecting, Achene white, grooved. Nuts to 2.6 mm. Brad (not confused with formaline) 14 mm long.

[4-24-32 Rapanaea sativa 1. Cate I 73, Bar. 31, A437; Bar. 26, Fl. unripe fr. Cited jag field in may ted. near Paleta. Studied but not recollected until much later.
4-24-32 Heteropyxis fallacea, Wyll (see 3-76-32) Fl. v.d. H. Danckhuysen at look-out tower on Dorn. Many plants seen in Fl. along road just further north. Plants in Fl. also seen on road just north of Ticino Clubhouse at funnel south of Dorn.

4-24-32 Agave gelida. Pt. Bonita, Fl. v.d. H. & A. A. T. Kim. (Fl. v.d. H. & A. A. T. Kim. study). Plants on point of Dorn. Across depression from lichen spot. All about 6 mm. wide more than 1 mm. developing. Plants overlap here no depression mounds but show well developed inside. All short (about 5 mm.) split into 2 equal long ovals (which show nodules outside).


4-24-32 ?? Silene locomata, Bay. v.d. H. & A. A. T. Kim. on S. Aliso. All forms Amb. Ren. 1069 (Ins. on same as 3-6-30 A and Apr. 3-9-32 ?? 628). Fl. v.d. H. & A. A. T. Kim. road south of Dorn. Plants show to Fl. Kipper. The petals 15 mm. and very pink and ringed light and green below. Lower leaf very greatly in size of other plants but largest about 30 x 15 mm., sterile candidate.
broadly acute, petiolate, upper lo linear.

A multi-branched, branched upright in

interval 3-6 ft. Calyx 15 mm high, umbilical

mondally divided into puple free-scarce.

stem-ting succulent. Teeth white. Claws slightly

longer than calyx. Petals deeply split, violet

xlale of hardly 2-lipped. Antepetals erect, 2

greenish. Petals 1 now 5 mm high, 14-15 mm.

Alexsshowing nothing unusual. Pedate 1-5 cm.

always 2. [Pas. 3. 29 Dec. 2, 1931. Note: no. 2. 1933.

4-24-32 Eileen. 657

Bud just north of tunnel. Andraoxt - Estelle's

plant diff from it in that lo generally form to the

broader but bud looks quite like bud. A. All 15 mm

not really 25 mm. Claws 10 mm. Same plant, hard.

Query: Could this be a. sp. Finance Pomo? See with 8-11-32


Bos 371, Case II 899. Bud fin ear Estelle. Very

high. The lower 1 leaf of leaf just like 2 x 13 mm over

all. The next few have 1 very broad than those

of upper leaves which are very narrow. "15" deverd, 2

papery leaves terminal lead 2 x 3 (full penne)

lateral leaves near tip. Deeds spine purple tipped

glandules. Fls only 2, on the other branch. Stillary 3

to 4. Note brownish, no edge. Fls are enlarged at

ap. (Bos 155)
4-24-32: Tragopogon porrifolius L. Cott. 39, Box 186, B. 14266, A. 1864, BM 68775. sect. 341, p. T.
was australis, which K. thinks R. means, by lot 203.
Fl. edge grid with broad, C. Fr. and pedicels of the
l. because pedicules not elongate "ad se capsule" (Cott.), all achene with plumy pappus, marginal
ones not with pappus, 5 ample leaves (Cott. v Bar.), leaf
not rough a "herba" (Cott.), receptacle not funambul.
Bar.) Also as Bar. Cott. v Bar. not T. australis L. or
T. ericiformis. Because of all four leaves there is circum-
ference reaching fully to tip of sympodial leaf, 0.5
in high. Upper leaf 16-15 mm wide, tapering to
narrowing to long tapering 5-2
mm wide. Ovary at base of 2
in axils. Achene smooth or rough, unequal, mostly
smooth, but base smooth with a little wooliness at 10.

4-24-32: Serophila cardina L. Kott 370, Bar. 386,
Box 231, Cott. 35, B. And Lindl. x E. Estallnells. All
also very high. Green. Inclining capsules 40 mm.
Inf. with 2 or 3 bracts, and 2 or 3 add. (Cott. v Bar.) Off. with 3. perigynial.

4-24-32: Dorycnium lucidum D. Kott 102
-L. lucidum L. Bas. 698. Ronjeania lucida
Box 21, Cott. 356, Fl. Rh. Aud. it grows on
Estallnells c. 075. Fl. 13 mm or more. Standard.
narrow wings and free. Each wing with a little outward keel in about the middle of its upper edge, making thus a longitudinal depression in its lower.


4-24-33 Medicago
Fly fr. Estallenedos, common at least in some places. Pod 5-12 mm. very flat with 2-3 lower pods, the upper more small. Peduncles 1-5 mm. usually shorter than this, not aristate. Might be M. apunculata Willd. Boll. 116 except that many are longer than head. Not can find synonym. M. apunculata Willd. in Borr. Costs. Bortee to Costs. I 326. this might be M. poly Cent. Willd. M. hispida Borr. Spines usually smaller, only longer than distance between them. Plant glabrous; shpules finely cut. Pod black-brownish.
Estallenclos. Low thick grey, almost entire. Stems long. 

4-24-32 Viciea sitlmyric. (See 4-20-32.) 1f. Andauit. 

4-24-32 Lathyrus Clyosannum 1 var. articulatus. 
(See 3-26-32.) Sf. young. 5f. Exactly same as 2-26-32. 
Standard middle very deep. Blue but style not 
at all arista (it is just at tip with edges slightly 
rlosed forward.) the pods (largest now 25 mm. long) 
always no arista being channelled stalk. 

6:18

4-24-32 Lathyrus acetifolius. Hilt 125, Bar 146, 
Box 89, Coitu 398 Fl var. 1f. Andauit. Estallenclos 
not. Seems only fasciated by stalks but disagree 
with buds which disagree with each other. 
Sf. to 2 ft. weak, deformed, once (Bar says "no 
angulate". Coitu says "angulicus") glabrous, 
glabrous. Roots 1 ft. below ground near 
small colored underground fle (no
mention this char. in any species, L. or small, 2-foliolate, the lowest with simple (often very oblong) tendril, the upper 3-7 leaflets or branches. Glands curling tendrils. Petiole 3-15 mm, scene to very minutely pubescent, more so in mist, but uppermost minutely alate. Sepals half arrow shaped, otherwise entire except for 1 tooth in base. Sepals about 1.5 mm [hence often as long as petiole (Bay v. Cato) they look narrower. if too rippled 6-8 cm long v. 3-5-mm wide distinct, minured, these lowest is about 2 cm x 2.5 mm, to be "serape" (Bay), but might easily be called "lineares-allenges" (Cato). A solidly or slender non-aristate peduncles too 2 cm long (is longer than pedicles volutane than lo). Peduncles with short upward-curved hairs, articulate near top. attached (same as L. sphacelum) 10 mm overall (when withered). Calyx placentia, 4 mm by the teeth about equal, v. equal? to twice. Buds shaped as ill (Cato v. Bay), the largest (now) 2.5 x 2. mm with 3-3 seeds. Pod def. subulate, postulate on edge, not at all channelled internally, very flat (now) Style twisted. Note: the complete + health gifts are the only real stumbling blocks in id. with L. sphacelum with its narrower less def. aristate peduncle and with L. Cieera with its pod channelled on back.
4-27-32 Helianthemum guttatus Mill. tu. 20, 2. 36, Cat. 148, 150 N 37 - Tubularia variabilis Mill. var. 20 48 F. Bellver. 1 mm high. Since his one of the few tubularia and repugnance is dark in the tube, the tubular of the leaves and dark, this may be var. Plantagineum Mill. 24. 2. the difference of about 25 mm long (hardly back up) note also that tubularia is in some cases nearly lamina on the surface. The leaf is in full (Be 314, 315) Plantago looks always from the leaves, the hairs mixed with short ones Petal with dark spot.

4-27-32 Anania pubescens Mill. var. Bremf. 64 = 0. Bremf. D.C. Bar. 109, Bar. 72, Cat. 1 314 F. Bellver. Light greenish green lower small 1-foliate (as Cat. suggests, Bar. to the contrary) the leaf is long and 35X11 mm, intermediate 3-foliate, uppermost 1-foliate Anions 8. 15 mm, surpassing calyx.

4-27-32 Echium Creticum L. form maritimum Mil. tu. 309 = E. maritimum Mill. 20 328, Box 228, 148 Cat. 59 F. Bellver. Leaves 1-nerve. Leaves very like mill (Cat.) not the E. plantagineum with which left. Flow res dark purple, some shade as E. arenarium has
animal which I belive may change (to 17mm or 2cm.) the end compound pedal is present since length of calyx and dilated at mouth much like ill (32) but not as oblique as in F. plantaginum, and stamens closely exerted by when dry can with pubescent hairs but be strong at touch. But note that some flowers have extradia (Cote Ber my not). Or say an mean intimus a rosilla soudees (Cote) relation that may mean.

Only other plant in bar is E. vermiculum. But stems more satisficer as an extradia than in other E. as far studied. "St thin long and decumbent Prose growing by Belloo Castle well with arms from entrance. E. plantaginum (a small plant) ve. arsenacrum (a large patch) near by.

4-27-32 Lavatera maritima Conan 1781 Bas. 76, Box 56, Boot 239. "Flowers young at Sent by W. Townley from Willesden. Very white greatly faded. 1cm. 26.6" H. truck. 5.5 cm. C. Fieldless about 1.5 cm. =" petite.

4-27-33 Medicago articularis All. Knt 90. Bas 115, Box 74, Boot 3 374. "Flowers much as A. sent by W. Townley from Willesden."
4-28-32 Micromeria biflora. Bentforr Rodriguezi list. no.
North. He is not known any more from this period.
4-28-32 Micromeria nervosa. Bentforr list. 351, Bot.
360 (see 2-24-30 N 1-6-31) El Terreno, Barranca. Fls.
full formed. Corolla light pink, 4-5 mm across. Tube
6 mm long, tending slightly beyond calyx. Corolla 2-lobed, the upper lobe slightly notched,
the lower deeply 3-lobed. All surrounded. Stamens
anastomosed; the anteriors longer. Style terminal
(ie no tuft) locular as noted 2-24-30. The antherena
fracture hardly longer than pedicell.

4-29-32 Convolvulus arvensis. List. 397, Bot. 316.
Bon 218, Coste 569 Fl. From Mrs. Kennedy from
Valladorno. Flying 2. Fl remove all.

4-29-32 Allium subtilicatum. List. 370, Bot. 438, Bon.
298, Coste 387 Fl Bellies n. west wind. Child with A.
subtilicatum. Salzg. No likelihood of confusing.
4-29-32 *Erythraea microstigma* Professional 286
Des 3/14, Box 213, Cote I 551 F. Helios. Castilla, rather light yellow, a little darker inside but not brown. 
Size: 30 to 40 cm. Capules vs 2-3 cm across. Fl. 20-25 mm wide, corolla tube 6-9 mm. This strain is the color race quinqueflora from E. pulchella. 4-30-32.

4-30-33 *Malva nicaensis* All. (See 4-4-32) Flowering in a field at the hotel. Edith A. Parry and M. Delisa in the field. Note: fruit can be told from that of *M. silvestris* by 1) bracteoles calyx at same distance above base 2) calyx tube comes up over 2 inches of flower definitely.


4-30-32 *Polygala monspeliaca*. (See 3-30-32) Also in Caratals. Portals and found in Portals by the people.

4-30-32 *Erythraea pulchella* Fries Knott 281, Box 312 = E. Kurev. Box 213; Cote I 553. Specimen monsp. Pulchella. Dries 6.50; Box 312 = E. Fries. Castilla. Size: 7-8 cm long, 2-3 mm wide. Corolla tube 5 mm long. Fls 15 mm long overall.
4-30-32 Tenerum, botrya L. Ex H. 374. Bas 237. Bon 237, Box 379. H. 673. Catev 196. Fl. Coast path Cala.-Portals east. flower head with 20 petals (white?) usual path runs strongly upward. Plants 3 cm. long, ample to 7 cm. long and branched. All parts covered with white globules. leaves green tripoly, 1.5-10 mm. Fls. 1 cm. small, solitary in 2-3 rows at top.

4-30-32 Bartsia Triangular. (see 4-8-32) Fl. Can Catala. Upper lip reddish; lower lip clear yellow, fading to reddish-yellow. C. with the petals red, white. Flower very common and different except in color.

4-30-32 Podruncie Camara. Icon 397. Box 354. G. 274 = Philippica Camara May Bas 350. Bon 244. Catev 63. Fl. Coast path Jet Las de las. Portals. C. with the Pet. seen commonly in Terreno. Elsewhere thought to be P. Cassia Ren. (see 3-20 4-20-30 and 4-12-32). Plant chiefly on the branches from its thickened base. Stipules darker than P. Cassia. C. with the petals red, white, making a pale blue effect. P. Cassia is bright blue with darker veins. C. has white folds which in summer form large lips but there much more obvious in P. Cassia by contrast.
Stigma yellowish. P. calcar has short, purplish white, and has calyx with 4 equal, very acuminate lobes. Fruit body could rather broader than too high. P. calcar has calyx mouth rather longer than broad.

4-30-32 Scyphium columnae Jacq., Kf.IV, Bar. 34, Bon. 24, Coate. 94 (see 12-10-32) Plant yellow, decumbent, 6-8 mm high.

4-30-32 Pseudocorymbia frutescens. L. Kf.IV, Bar. 183, Bon. 111, Coate. 111 Fl. Caracoles. -Pebble coast path in little beach with salt lichen. Grows at P. Calepistome UC. (see 4-18-32) sent by Mrs. Kennedy from Valdemar to glasshouse, to 1 mm long, cylindrical. Stems Calyx petals v. carpeles gland. Pet. v. carpeles show signs of being proliferous.

5-2-32 Medicago tubulata Willd. Kf.IV, Bar. 119, Bon. 294, Coate. 1127 Fl. and tubular. F. Colch. Counterclockwise (Bar). Wr. of pubescent leaves (Coate) (Bar to the contrary)

5-2-32 Medicago orbicularis All. (see 4-27-32) F. Terreno. Bach id. 44 Pelma.
5. 25 Coronopus procumbens Gilib. Kt II 1849
26 - C. Ruellii Del. Bt #49 = Beneficii Coronopus Per
Bon 33, Cote I 140 = S. — Pers Bar 42. Fos. Terreno
near alive.

5. 22 Bupleurum semicompumatum.
Kt # 234, Bar 205, Cote II 205 = B. glaucum Bt #27
Bon 131 Early but Terreno.

8. 2 - 32 Sparganium media Pers. Bar 92 prod = S
Fenigl Bon 59 and S. — C. Real #379 and B. marginata Kt II 223, Bt #342 104 and S. rubra Bar
var. marginata Kt I 458. Floats to Terreno on
jetsty just east. Disinfecting house alive. Seeds to
1.5 mm dark, flat, broadly winged with white
transparent membrane. Largest foot 8 mm.
projecting 2 mm beyond tip of calyx. Indef. gland
puckery red of plant glands. Laid flatly to handly
semi-cylindrical (Bar). There flat flexing perhaps
5 mm long (see Bt #342). Petals seem no longer
veins. Stamens 10. &t; the 3. with wings seeds
found commonly in Terreno.
5-3-32 Lythrum hyssopifolium L. Nut. 217, Bar. 192, R. 162, 1-592, Coat. II 91 F from Mrs. Kennedy from Vallemora.


5-3-32 Filago pallida L. Nut. II 452; Bar. 287, Nut. 239; = Anaphalis pallescens Nut. Bar. 192; = Logfia pallescens Curs. Nut. Coat. II 325 FL. Belclaw St. 20, Pale I 80a, high, dichotomous at very top (like left hand hairs in 201 BV) leaf of top unbranched, end shaped to about 1 cm. long. Stem uppermost surpassing the heads. Outer bracts of heads enlarged, scale like, head enlarged, head, achene, ase by (can not be removed) remains of filament tubular collar remaining on three-tined pappus. Inner bracts plane. Fls in entire 

receptacle (no bracts between them) all hair pappus.

Bradawl obtuse (several yellow at tip) quite different from Filago germanica L. nut. with white tip.
5-3-32 Centaurea melitensis Klu 499, Bar 268, Bon 174, Cote II 396 Bad Ferrero, Back to Reina (had seen from also 4-20-32 Ca Catala-Potale) & Cotes Catal of not yet apparent but the stems are many crowded here the slender stems & leaves are smaller than the other, but the plant somewhat sticky to touch.

5-4-32 Melilotus auletae Desf. Klu 79, Bar 126, Bon 76, Cote I 832 Fl 1 adv. fr. Torre de field of p. Ntil Royal. Plants sturdy 20 in high with flowers 100 to 120 fr. Auletae, but since the flowers are 4 mm. with standards shorter than level 8 fr. 4 mm (see Cote) and very closely regularly concentric as well as it can not the Auletae. Thus only other few.
5-5-32 Anelusa italica. Poty Kn# 35, Cote II 58.4% C.
—— 1. Bar 326, Botm 221. C. Aguda Mill RMCP 6.28 Fl. 6.4
grainfield west of Poto-Pi. Pot. F. 6' triangle to allow
that it is near as long as wide (Cote)

5-5-32 Cistus Clinii. Dum Kn# 178, Bar K = Nebianthus
montbreti Mill Botm 35. Cote II 14.7 = C. nebianthus
Haliocna millulatum Spec. Bar 47. Fl. Poto-Pi
Budles in field. Carefully studied but unable to
place it better in either Rabeblo #1101, 115 which in
local the name. In flowers like ill (Cote) F. low white
with yellow center, 15-12 median.

5-5-32 Bactica aurea. L Kn# 396, Botm 350. Cote II 49 =
Euphrasia. — Barh Bar 348. Botm 239 Fl. Hill part
Poto-Pi — Bonarone. Carefully 2nd with Bactica Triaxa
4-30-32 (both the red white and the red yellow
kinds) and seems difaltho' the corolla is narrow
 discre in shape has the same distinct fold at last
end in the sciuces flower lip.
B. Trigaya has to linear more than 5 mm
wide with inconspicuous lateral nerves
Bonacon. In def. 25 to 16 mm wide, lateral nerves
plainly handling (the) 
B. Trigaya has to act 4-40 fore making 4 wild effect
to infl. broadly ovate at base, abruptly tapering to long point. 

Briar has much (infl. not effective) & exactly like the upper 1.

A. Triaigo has calyx acicular, 9-16 mm long cut for want of root and middle of columnary slightly into 10 lanceate teeth, veins hardly visible.

B. viscosa has calyx tubular (not acicular), 10 mm long cut more nearly equally into lanceolate teeth, veins apparent.

B. Triaigo has fruit multichambered.

B. viscosa ... ... ... ... "ulata."

5-5-32 Scabiosa andr.ellata L. Knitt. #39, Ber. 234, Bov. 148, Cost. 278. Fl. Porto-Pi. 2 in long, Cream white 4 mm wide. Corolla pale pinkish—not at all blue.


5-5-32 Frankenia pumulenta L. (Ex-3-12-32). Fl. Porto-Pi. Off with F. laricis var. intermedia. Diff from F. laricis in that (1) while edges of leaves drop they are never revolute & touching so that if not visible beneath, and if beneath much more defined, whereas the median of F. laricis (2) Fl. resin in axile 2
S-5-52 axil 70.2 mm. lify cymes terminating short handleless, more scattered effect than in F. laevis where they are grouped at end of branches.

(3) Corolla: except calyx, limb only 1 mm. rotor than flower itself, smaller and edges not denticulate.

5-5-82 Frankenia lucanta s.s. forma intermedius
Hc V190 = F. intermedius W RAL 57 = F. intermedius DC. Ron 840, Corte I/65. Ex. F. Pinto-R. of with F. pulverulenta and F. laevis. Diff from F. laevis in that (1) plant presents no spreading, unclustered appearance with branches repeatedly branching longish naked internodes lying between the leafy tips instead of the branch are about 5-8 cm's xample with tufts of leafy bases regularly spaced together making widely spaced leafy bases (because bases are longer towards leaf tip). The outline leaf gross wider towards the tip and more leafy clusters bear flat (they are really not plant/branch) instead of to prevail from elongated calyx (2) all are def. velvety in F. laevis glabrous only punctiform def. lacy def. bifid in F. laevis glabrous. (3) the floral green in the calyx often red gives plant a darker more hungy look than F. laevis (3) Corolla heights slightly colored than F. laevis but almost as large, edges like F. laevis denticulate.

5-5-82 Frankenia lucanta forma laevis Hc 71/191
5-5-32 Spergularia media Pers. (See 5-2-32) 5-80 ft. Pteo-Pi or rocks below Pot.

5-5-32 Spergularia rubra Pers. Bu 456, Box 53, Cote I (225: S. rubra) UC, Real Box 78, 6378 fl. ft. 
Pt. Bu marble or tufa below Pteo-Pi flat. Stations above, glacial flat above. Stipules about 0.01 in. long. This species is about 10-15 mm, but as long as internodes. Calyx with 5-7 sepals at each node. Seeds about 3/4 mm minute. Rubrescens and (when dried after taken from pod) show a dark thickening on the round edge.

B. Plant from road side. 

Cote I (224). Flower pure. Prod. or rocks with S. mediandra below Pteo-Pi. 

S. inflata, but deciduous leaves with long acuminate. Stems 3. Inflated but dichotomous, branched with a pina.
5-5-32 Argyrolobium argenteum Willd. var. quinquefolium Willd. No. 57 = A. limosumum Willd. Bar. 07. Bar. 71 = Cytisus argenteus. Cult. # 304 FL Vado. 14 from Mrs. Kennedy from Yaldbester. Differ from plants seen before in that standard wings area beautiful burnt orange. What differs the terminal few for flowers are others appearing solitary in axil of leaf or perhaps there are exceedingly short axillary branches.

5-5-32 Euphorbia terrestris L. Kit. #153, Bar. 410. Cult. # 374 = E. provincialis Willd. Bar. 281 FL Vado. Read from Put-rica coast towards fort (not far from Cova). Poor specimen which had been cut at top but almost as only species with long points var. smooth. In practically entire. Seed coat white when dry; the carneus an elongated body attached by short stalk near one end to the truncated top seed (not at all capsule) it remains free from seed as that it can be swinging around with the stalk as axis for more like ill (Bar) than (Cult). Capsules reddish from early stage.

5-5-32 Heliotropium curassavicum L. Kit. #304 Bar. 321, Bar. 221, Cult. #608 FL Put-ri.
5-5-32 Poppia tricinum Berg et Brem. Linnéanum
Fl v. from fr. Poto-Pi. soil from Cor. to Fat. Cat. and QI
9 cm. mean length east 9 ft. identified by Cat and set by upper joint 3 good def. tapering to style. US. fr. pedicels 5 mm. not as slender as in P. linnéanum; lower joint 4 fr. 1 1/2-2 mm. (a little thicker than pedicel. But note also that fr. cap the upper joint
is very rough hairy.

5-5-32 L. brene the gallow marstonew. L. (See 4-23-32)
FL. Poto-Pi. mm. 1 stand east side 7 fr. 1 tree) and
on slope where path from west. Poto-Pi. meets valley
west of Poto-Pi. ( Aero specimens)

46D View identified this as S. cerastoides L.

5-5-32 Silene
For in all stages Poto-Pi. but J fr. in section where
Coneus spines is found or just beyond its inland
limit. Ss. low calices tend to redder (a. S. Poto-Pi.
real, bearing at top many branches (which branch
again near base or are simple) rem. not at tree
but with tips ascending. Whole plant hairy but
no sign of glande. Lower in thal deals to oval
lines the larger 15 x 4 mm. Branches fr. near
.

.
5-5-32 near Lake in racee, each thio axile
one or two opp. too, there less decreasing in age, biloba
petalum are 3 mm. long all are linear-white lower two
fluent at tip. Only show apace a few 6r. 6t.
tips of branches of none fully developd. There
have calyx 8 mm. high, rather tube-like, narrowing
as base v. contract at apex. Red veins (wrench between)
with some crossing to mid. apex but can't see.
I'd anatomicising Calyx not umbelih. Both
diff. foliately according to given time back. 6. white
coala projecte only 2 mm. beyond calyx. limb hale
as this had been reddish but seemed claus familiar.
limb 2. 6. to the scaly or 6. scales 2. 6. 6. Flamenta
6. globose. This calyx much the same but smaller
in middle, the tips of teeth slightly spreading
(this calyx contracted at top) very slightly longer than
apex. Capsule just before opening 1 mm. & conical
at top on glabrous carpophylle. 8 mm. seeds. less than
1 mm. deeply foliose inside walls tightly contract
6. coned or back, with prisms markings encrusting.
6. swell raised lozenges with longest then recurving
crossing 2. 6. 6. Seed dull brown, edges round
Flora shortly pedicellate that keeps the upper ones
holds asexile. Seedless like ill. (Cotta) 7 Sollicita,
both filaments not "velute blanc", not at all the ill
(Bon) tall but no 6. 6. If not S. gallica the only one
in Bar races S. cerastoides. Bar 569. Note fr. not
usually allum to one side but more axially alternating
from one side to the other, except in very lower.
all longer than rebutting els.

5-5-32 Sonchus spinosa DC forma Cruentus
Kuit 5-38 = S. DC var. Cruentum change Bae 287 =
S. Cruentus Nym Wellh I23 Taf. XV. Fl. Pto-Pi west
9 ft. Foliage 1 cm long on short erect peduncle
on lower part of 2 cm glass spiny stam and
below this 1 seed.

5-5-32 Frythrace maritima Pers (See 4-29-32) Fl.
Pto-Pi frequent. This is rare Cruentus Wellh
Bae 314. since upper surface 1 corolla inflated
salmon color. Cf.d with after 8-29-32 added
with F. pulchella Fris are my frequent Pto-Pi.

661
5-5-32 Exax pygmaea Pers (See 3-2-32) Fl. Pto-Pi
12 hr. west 2 ft. (dry house). Carefully cf.
with the slight almost athrinless feel ahead speci-
mens as common at Pto-Pi and all the
name in scales 19a etc. Note the inner scales
fall now opening to make a 5 pointed section
star at 1 pt. each head, the remains of the
sometimes still attached making a little tu-
pin center in but differs from the E. usual
seen in the slender branching stam and
many of heads making a compact mat.
5-5-32 Vicia tetrasperma B. syn pubescens pubescens
Bor. Deleg. Knütt 125 = V. pubescens N. Borr. 87 = V.
link Cast. 390 = Extrem pubescens DC. Borr. 141 F
young fr. From Mrs. Kennedy from Valdemora.
St. brv. Calyx def. pubescent; pet. less 3-4 mm platens.
Ltp 3-4 mm wide and ell but very upper
most def. obtuse. Calyx teeth def. unequal. V. platens
longer than tube.

5-6-32 Convolvulus pentaphylloides l. v. ill 299,
=C. pentaphylloides Borr. 316 fr. From Mrs. Kennedy
from Valdemora. St. brv. Calyx def. pubescent, appressed
hair. Nodal (now) beln. middle small. caulis 20x5 mm
old. Lancate, may blunt at apex, rounded at base;
broader petal oblong, true (capitulum) with long
white scattered hairs. Racemus 1-fl. axilary 8-12 mm
Fr. short than 1cm overall. Calyx lobes broadly round, barely
rugulate, almost concave. Corolla blue with tube yellow
Pubescent in Stipulum outside. these banding
in rale of triangular points.

6-5-32 Convolvulus pentaphylloides
=C. pentaphylloides Borr. 316 fr.
Cont. 311. FL Roadside just north of Lasata. Fls. 8 mm. diameter, 3 mm. high, distinctly conspicuous above the supporting
br. Fl glaucous pub. Sometimes live at very small size, but then the under side of leaf shows a broad green band
down center. Lvs. oval to ovate, not "autotomic". Lvs. 2 to 3 x 1½ mm. Ciliata only at base of petiole. Pseudomat.
young not so scattered lvs. or upper surface but tend
to grow glabrous.

662

5-9-32 Gymnogramma leptophylla Deov. KnT 360 = lamunita — Sub-Bea 528, Bar 398, Cont. 682. Sp. On rock near westerly trail to Cook Bluff. Beachy 3' from
highway. The silvery based blades now withering.

663

5-9-32 Asplenium petechiae Dru (Dec 4-4-32) St. Botan.
rock lower part 4 1/2 miles Coosae with Allium
antilllum.

5-9-32 Allium antilllum Lam. KnT 422, Bar 577, 341, Cont. 243. FLs from rock with 2-3. Thamatic when
collected in Coosae. T. parviflora forma microphylla
Aug 17-32, Belk. T. t. small and very fragile, with
slender. T. not col. lower bar. lmm. (small) x 2.5 mm.
Base leaves roundish at apex, narrowed to petiole.
upper lvs (much shorter than internodes) 10 mm
\(\frac{1}{2}\) mm (in scar) edges when attached being some-
what rounded, dull as ill (rate) with a trace
at top point from which lowest pedicels
arise (no other buds in top this illus 1 time
which is longer (often more than twice as long
as mt. Corda 12 mm or less up, pedicels [var.]
monotripus 8, 74-17-32. absent on buds.

Every 2 mm long, thickly crowded with white hairs
(cloudly at all glands) which makes every white
awn to look like a specimen ed. for Bor newell had his only
5 mm long, but otherwise this same.

5-9-32. Heliotropium campanulatum Knut 389. Bar 367,
Bou 253, Bu 4 368, Clut III 120. Beul. Pd (mes) from
Litchfield toward

5-9-32. Toreia lepidophylla. Bart. Knut 237 = Caealca
lepidophylla. Bart. 64, Bou 247, Clut 168. 15 surf.
face. Roadsides, near rd beyond bluff. Fawned, compr.
laterally veined channelled ambulacra (as seen by cross-
section) lvs 2-3 pinnate. lance leaf? 1. 145-6
must be Caealca or Toreia. F. none 5-6 mm (calc.
way) T. only 2-3 mm. Also the peculiar umbel: results
against come with no long terminal ray, seems to
rule out all those T. (Clut 168-15). St. glabrous to
alve but st. complete toal. with short down-
5-9-32 down pointing hairs, dramatically unusual, very like all P. lanceolata. (Note) Stems usually 3-rayed, sometimes 2-rayed. Rays equal or nearly so. Leaves petiolated 6-8 cm, petiole about 2-3 cm. Inflorescence involucral. Flower heads as large or longer than pedicels in P. lanceolata, covered with bristles that they also more fully defined. Bristles strengthen and somewhat obscure the base in P. lanceolata. Ident. practically same. Plant about 1 ft. high [4 in. rem.] round. Used as ornamental plant in California.

5-23-32

5-9-32 Ramunculus bulbosus L. #571, Bar 11, Bon, #410, #398, Cote I 315. New rhiz. beyond bluel.

5-9-32 Althaea hispida L. #481, Bar 78, Bon 56, Bon 91, Cote I 41. Used rhiz. beyond bluel.

5-9-32 Specularia falcata DC. #442, #260 = S. alb. DC. Bar 296, Bon 197, Cote I 492. Run. Used beyond bluel. Several plants 3 in. high. Use plant 3 in. high with several flowers opposite to floral bracts from near base. Brightly colored. Downward pointing (scabious, perhaps only near Lake.) Bon 197.

general aspect much like A. finervia.  As known 1931 in Switzerland.  Loos 3-nerve.
(Rare, says 5) not ciliate except a base of petiole. Sepals beautifully whitened near gland, plain with 20 nerves.
4 mm nutlets 1.5, (10 mm) sometimes present.  Seeds have appendage like A. finervia.

5-9-32  (Specula laevigata) Nett 416, Bar 235, Bar
148, Cont U 253, and 1 Luda but don't know whether beyond or near to Canavari. Plant rising from horizontal running rosette (Contaray 917), dividing into several branches near base. Stigmas somewhat twisted, slightly angled, the angles being slightly less than 5°. Sepals 1.5-2 mm, maroon to very chartreuse, glabrous except for short hairs on edges which make stigmas look longer (20x) but not rough to touch. 3-nerved but lateral nerves, difficult to see except on young leaf. All also have a tiny light pink spot at very tip on upper surface (e.g. visit in young leaf) or young younger leaf as soft mucronate. Inflorescence (now very young) very glabrous. Plant may be all Petal and seems the only Riquiaceae in Bar with loach-like bees.

5-9-32 Butaleurus causticatum Barth. Kt II 284, Boy 131, Cast 2 204 = Bopacrum lange Boy 206, Boy 194 Fl Pit beyond hulk (at tunnel loop).

615A
5-9-32 Tritinium glomeratum 1. Kt II 84, Cast 125, Nm 78, Boy 117, Cast 1 376, Fl 156. Stems resupinate. Inf. only ef. 110 couple. Arms very oblong. Teeth. Carpel like hulk (almostolate) at base. No cleft. Placent Fl pale, almost white. Fl head 8 mm indiana.


5-9-32? Lobelia migricana Kst. Kt II 122, Boy 37 3 = Vicia. Boy 78. Cast 1 39. Fl very young. Fl Pit beyond hulk. Tendril reduced to short 1 mm long. 3 petals, upper only 2 x 2 mm. Fl white, upper 11 x 3 mm. Fl solitary
on filiform peduncles (equal to or longer than 50) which is articulated near the but not aristate. Fls 4 mm normal. Calyx tube 17 mm, stamens 3 mm, style绿色 reaching to top 9 calld. Young fr. no ill (Date) the length now 8 x 4 mm with purplish hairy Podetipila.

5-9-32 Drosophila Cameralia (See 4-24-32) Fl. New ill beyond black. Seems to agree with ill views in all particulars except that leaf no calld. and spic. edge platoched both with white very tick ing against the dark manson. fr. Staminodes nearly linear, the slightly exerted filaments glandular.

5-9-32 Vicia vitellina (See 4-26-32) Fl. var. fl. New ill beyond black. All leaf fl. now 30 x 9 mm very like ill (Date) a rather more square at the top. Seeds 5-6, lumen 2 mm long. Seeds now complicate from outside pod.

5-9-32 Lathyrus reticulata (See 4-24-32) Fl. var. fl. Pod not veined (deep veins from inside) seeds tuberculated. fr. a winged 8 fl. (See 4-24-32) style a little slightly if at all twisted. Nervi beyond blade.
5-11-32 Silene glauca Poir.  
Fl. Not seen by R.B.K. Col by Mrs. Kennedy in 
Valleumtes region & identified by Kern as kept 
by Kern. Mrs. K. collected at the same time and 
growing with the plant sent to Kern another S. 
which she assumed to be the same. This 
the kept, Botl. 6 179, h. 1932 herbarium. 
In Sept. (14x8) 1932 R.B.K sees this specimen 
and finds it so very like her # 686 which 
Kern names S. sericea All. that she can 
see no difference. 
Ex ley. : Field Mrs. K. May 11, 1932 sent to 
Kern (i.e. S. glauca Poir.) have been like 
R.B.K.'s # 05-71 April 24 (not submitted to 
Kern).
5-9-32. *Lathyrus angulatus* var. *ephallus* (Reh 4-18-32) - (cf. adv. f.) collect pt. now 40 x 8 5mm the fine veins (in a sort of longitudinal clearing) on both surfaces.

5-9-32. *Crepis sulpitosa* Tall Forma Wellkomm Division, Bunch 'B'.


5-11-32. *Cephalanthera grandiflora* Bar. Bev 463, Boc 308 = *C. pallens* Reh. Cost 7412 = *C. laetigilia* Fernald 455 = *C. alta* Einarson 83112 685. *Knt 412 seems to me this one. Other one is *C. longiflora* Reh. which Cost 82 16 4 and 60 12 as synonym for *C. longiflora* Reh. an other species.
Fl. From Mrs. Kennedy from Valldemosa. 2-3 cm x 5 cm (leaf-like), not unlike the leaves. It much longer than fl., even up to much longer than any other.

5-12-32 666

Fl. Pro-Pi. Same as unknown # 594 6/1-2-31.

Glabrous or very nearly so, sometimes with slightly bristled hairs, not glandular

Suggesting rest. But sometimes not so seen.

Leaf-like when young. 60 to 80 mm by 10 mm, sessile, not to my knowledge. 3 main divisions, these sometimes again set to lance and always deeply cut into narrower leaf-like lobes, the lobes themselves being 2-3 mm wide, the general effect much like a

Cetratocephalus (Cate 1832) 1 cm x 5 cm from base to tip, spreading fan-like. Tapered at the acute v begin to dry early. Reddish at first, but younger leaves almost black, and shaped unlike. Could be considered stipules except that they are found between the primary leaves. Also as well as not in the phyllotaxy.

The solitary P's terminating short (1 cm) branchier are surrounded by ambulacra (3) 10-15 mm high. Some are expected to be but ample in construction. Segments involved (so) as well as to be judged that they do not separate or leaf-like. Always superior
5-12-32 sepals, surrounded by a slightly lobed disk outside of which are the stamens still outside the perianth parts. Petals 5 distinctly separate parts (if opened wide would look like a Ranunculus petals). Stem has been taken 12 x 4 mm. These actinostomous sections have a regular and overlapping (outer edge ms inner edge) greenish faintly tinged salmon yellow. When seen in flower is nearly white but tinged green at base. Leaves have a tinged green at base and the green of the ranunculus organ which could be called a petiole. Stamen about 15. Filaments 5 mm long, irregularly flat at base, inner petals 4 mm long, broad, yellow, petaloid, 3 mm long, petaloid, 3-celled with many nuclei in each cell on axillary placentae. Style 17 mm long, 3-parted more than half way to base. Note: involucres and glandular processes on surface parts of this and not for formal the old mentioned earlier in date.

[Leganum Hylorum L. [Rue Family, identified by Natt]

5-13-32 Lythrum Graeffei Ten Kn. 216, Dec 172 Boot 106. Cook 1491 FL River of the Great Lakes. This is plant seen before without 1954; var wallacei no.

5-4-20-30 (not sure about 11-8-33). Last to 35 x 2 mm. Fls /15mm diam. Calyx brownish. Style sticky, stamens hardly 20
5/13-32 Veronica Anagallis L. h. III 384, Bar 345
Bot. 235; Cont. III 32 = V. Anagallis aquatica L. Bv. IV
347 D 723 FV nuncio fr. River at Establimenta. Style
3mm long.

Ratibunda Bar 142 Fv. Fv. Field (plant only seen) bot
Establimenta. v. Son. Females more strongly
constricted lamina (Bar v. Cato I) to usually 15-17 mm.

5/13-32 Lianaria Commutata Bernh. h. III 372
young fr. In uncult. field bot. Establ. v. Son. Many
blades stiff stems ascending or prostrate. Plants
joined by nothing runner (runner stiff & 3 as
thick as main shoot) 1st year long (effect not
as running as all Cato I) 4th year rooting. Whole
plant gray green with long, soft spreading hairs
which are mixed with clavate gland tipped
dehairs. Leaves both (often to a beyond middle leaf)
opposite, longest leaf about 10x5 mm, much smaller (Cato
& Bar) almost always a little less at base. Petioles
filiform, glabrous, about 7 mm (often equal to loo
in upper ones longer, only in neg. long petioles
thinner) and often curved at apex. Spaces jeztal
5-13-32 Castilla indica. As above, narrowed to very slender, much curved tip. Castilla pubescens outside, upper lip bluish, the rest red flesh (or pink) with blue, with definite purple dots on palate. Castilla (from tip to peduncle to tip) lower lip 7 mm long; from tip 8 mm spur to tip 8 mm upper lip 10 mm long. Stamens longer than castilla tube. European seed (idea on this day) seems definite. The only objection to this idea is that they are not *4* "spurred" (cast 10-11 mm; Ann 8-11 mm" but not have leaves more than 1/2 thick that not repeat Common in Mallorca.

Only other poss is *L. lanciata* def. of the spectra to include 4). 1866. 21 adda tuberculata. 1879 peduncles shorter than this 86. Etc. [First lanciata see 6-16-32]

5-13-32 *L. lanciata* def. (See 6-16-32) #665

5-13-32 Ajuga Chamae byz. Schreb. Bnt 319:
Bar 319, Bm 256, Bo #379, Casta 134, Florence.
Best effort to Son as always come back to San Benito 4th Bridge, Zinkh. Janns Falkelt. Not through fields just beyond this little drainage depression where Ludwigia aquatica is abundant. [Many plants found here 7-26-32]

5-13-32 *Trifolium aquatilium* L. Knutt 86, Bar 129, Bm 80, Casta 1357 Fl. 86. 3rd East. 1 Tom.

Surely this but flower white almost white, slightly pinkish in lower lip. Heads in for 7 ending.
Triphium lappaceum. Kurz 81, Bar 139, Ann 79, Cate 1. 353 F. Field bet. Estab. E. M. and Vicia Excelsa. St. erect. Rindlich with many ascending branches. The rachis finically but strongly hairy (hairs spreading). Foliage long and slender. Stoma "pinnatissimum" (Cost). In terms of Calyx, (i.e. almost a 90° angle). Lower lip (normally fallen) with feelers to 1 cm (Bar. 3 cm long). Sepals too become almost equal. Stylus of longer than narrow (are almost parallel) sides with reddish veins in rattle and a yellow background. The fruit is more or less shaped, opening. Stylus interpinnatifid (just too much). Leaves rhombically pointed. Heads terminal, on ends of branches, bearing berries with peduncles only about 2 mm. This is contrary to ill (Cost). Heads about 13 mm high when somewhat "libre" but not much as ill (Cost). Flax white. Calyx 6 mm long. Calyx tube tube not fleshy outside with many fine nerves, (per 30), the equal with finely pubescent, with long spreading hairs. Three nerve alone plainly. Head from the other side at edged. Calyx with hairy ring at top. Tube circular. Corolla about as long as calyx, with 4 petals, not meeting the top look much like ill (Cost). Sepals can be judged and calyx is not very open at maturity. Head litter or narrow as Cost is ill.
5-13-32 Centaurium album DC. Knott 243 =
Brunneria parviflora Ridd. Bus. 202, Bus. 131,

5-13-32 Rhamnus glabra DC. Knott 493 =
Ruschia prinacerasfolia Bus. Bus. 202, Bus. 131,
Cost. 127 FLF young fr. Rex. Etabl. V. Son. incamp
places along river. Young fructus as bright yellow as petals. Immature like ill. (Cost.)

5-13-32 Ranunculus muscatae DC. Knott 398 =

5-13-32 Carex latifolia L. Bus. 290, Bus. 131 =
This is the spider-wetty plant observed several times this spring. Achene 5 mm
high. Alatea seems to have pappus.

5-13-32 Carex laevigata L. (see 5-9-92) FLF.
Dear Establishments, perhaps in error.

5-13-32 Euphorbia lummellata Pro Kult 15/4, Bee 417, Box 281; Cult 11250 Fv & F. Redgum Punggurud Plant & 50 Establishments.

5-13-32 Euphorbia falcata L. Kult 157, Bar 417, Box 282; Cult 11238 Fv & F. Rare Punggurud Plant & 50 Establishments.

Two plants on 11, 13-in-hand. 61 plant with cut, ample, the others with 3 branches near base. Stems darkened on lower half (anne) with sh- to scarlet indus, upper part of annulatae (almost rhombic) to 25 x 27 mm, indistinct near top, long brown to base, 2 mm.

Acute 5-6 mm, def 3-nerved. Beak (espec. upper part) f.g. like ill (R), but hardly dentate. Numerous short to hyaline below the umbel

make in flower elongated not broad & spreading.

Plant green with ind. dark points. Capsule globular, about 2½ mm long, egg-shaped; (see ill. 97) much narrower at tip than in stem & hardly channelled. Seed 1½ mm long, pale brown with its reticulated exine; ½ mm with short linear depressions (on the inside 3½ on the outside). But now before capsule splits (but not acrocarp) at least small caruncle


5-13-32 Euphobia medicaginea Rostr. Kutt 157, Bar 418 Fly Jfr. Very common in fall and green around. Very common in fall around plants. Sedges same as 4-20 12-13-32 and 2-25-31. Note that the dot-dash incrustation on seed, beautifully incrusts just before making the seed. Seed is brown or much as contrasting with the black background.


See 7-26-32

5-13-32 Euphobia platyphylla. Courtesy, plumber. Nice to see. In bulg steam, shortly below bridge, Floyd. - Pueblo Pueblo Rd. 6 ft. about 7 ft long. Perhaps more. Sunshine, long with signs of branching above. Noted below with acacia. Fallen to set from below middle, thickly clothed with needles, 3D thin, accessible, uniformly needle, often (or slightly enlarged to middle) 6 X 3 cm. Often finely serrate all around, the edge of a well, in some, very narrow, sharp, like a well, with sometimes with narrowing of points on edge. The base in all cases have acicular, the acicules being rounded or acute or sometimes def. rachis.
5-13-32: Umbellicus vulgaris L. var. pendulineus
Kuntz 46 = X. pendulineus DC. Bar 1844. Bonn 112, Costa 120 = Coletoleon Umbellicus L. BM 1637. FP Establishment. Elf definitely pendant all 5-merous, greenish. Petals with slight purplish purplish ting (in fine lines). Annel tracts reach beyond tips of calyces half length of petals. This makes it very difficult to follow Brun’s description.


5-13-32: Allium
Programm ex 4-10-30 (like in bulbs, low vapo, vapo) FL Establishment. There are same as col. but not identical in Bell 20 May 1932. Head large 6 cm. dian, densely multileaved Pale purple, the central one to 2 1/2 cm, the exterior ones slighter reflexed. Bulbs do not become three plants yet open. Perennials tall slender, stellate oval, rounded at top. The outer ones def. dull purple with a distinct green stripe down back with no def. tuberate.
5-13-32 Tuberculate roughened. Inner div. smooth, reticulate light 4 in each green stripe correspondingly more distinct. (Effect white head is dull purple touched with the white of the projecting filaments. Antennae purple black. The lateral teeth of the filament may be tipped, curling outward in flat line, straightened would amount to exceed the antetve (of middle tubes). The middle tubes about 1.5 mm, while the tube. breadth of the filament 3.5 mm. Style short included.

Corolla has a transverse flap or section at its middle. Anomalous amongst Spattia it falls like caps as it begins to open. Bulb contains at base (appearing to top) surrounded by many bulbs at attached to its base by slender thread which ends on flattened surface or bulb (not at top 2 bulb and at 4-10-30) Tuinie light. By Barcelo's description would be Rampeloprema.

3. (but Coste says antennae yellow) style extended?) Queerishat?

5-13-32 Melilotus indica Liliiflorum. (See 4-12-32) Fl. sadr. fr. Probable shrub below bridge. Very like ill Coste.)
On 5-12-32, R.B.K had the two specimens in hand from one but did not examine carefully. However, of his memory is right that 5-12-32 was a 0.1

activity contaminant. This is known or merely 5-13-32


3/2, Bar # 464, Contini 590. P. River below Bridges, Fortin.

One only found.


Establishments.

5-13-32 Phalaris minor. Retz. Kunt 240, Bar # 635,


Root not col. action may be P. biloba. Forne. modera.


and 50 x 2 mm. Spadix 5-6 mm. Glumes 11.8 mm. wide.

Yellowish green when 6 mm. bright than in P. e - 1/4 green

(yellowish green when 6 mm. dark green). P. e -

Veins 3 as in P. e - (down back 1 on each side

(variably 1 - veined). Wing narrow 1.2 mm. exclud-

ing from about 2 1/2 inches above base almost to top

but almost entire more like ill P. modera. Conti

Lemma brown. Only 1 scale found. That

also brown 1/4 and 1/5 length. Glumes

17-26-32 Plant from same field, just n.d. # 5. Establishments.

5-13-32 Jennema articulata. Forne. Lamporeo-

5-18-32 Bmn 331. Cont. III 453. Brief—Ravine 394x83. Eel River between Eel Estabotments. Outper segmented because edges rolling and a triple longer than the inner seg which are off base with this white edge. (This being acute; this edge draws roll to this). This seems ready to release for when. Help to accent flower. Eel brook not dried out. Cult nurse very great much shield (Cont. 3728). Stilly; brief repeat; Steam and mist, atmos, to comfort enough for Janespo (Cont); breast which seems like folding in just) 6.5cm i a perfect stopping hill.


5-14-32 Cattanea melitensis (See 5-5-32) ex Bellver.

5-14-32 Lunium Bulb castaneum (See 4-17-32) Fr. Bellver. Pedalis v capulantis not tall stick (ie still like Cont. 586-9 not at all like 5-1576)
5-14-32 Elaeagnus angustifolia. BMJP P 580.
Hotel Victoria. Note BMJP P. dense, involucre and
margin the family making flower difficult to under-
stand in direction. Locally equally silver, each
of both sides.

691
5-15-86 Veh. ?
672

5-15-32 Brassica halepica Pers. Kn° 726, Bas 30. unnamed. From Mrs. Kennedy "Pajigero." 4-3" x 0.3 cm. and deal. Bas) but not "caliciades" and petioles undeveloped on the base. Pods not seen, the largest one 15 mm long on pedicel 8-13 mm long.

5-15-32 Hypericum perforatum L. Kn° 1879, Cato 207 =. ciliatum L. Bas 88, Bas 6075. From Mrs. Kennedy from Valladilano. Note lower leaves smaller or no transparent dots. (See 1-14-31) see. Franke fits this.

5-15-32 Trifolium auffoatem L. Kn° 84, Bas 143. Bas 79, BVH 117, Cato 346 Es. From Mrs. Kennedy from "Pla de Ponx" c. Valladilano. No practically all gone.


5-15-32 Vincetoxicum hircinum Moench. Kn° 294, Bas 37, Cato 548, Bas 311 Ato. unl.
From Mrs. Kennedy from Puig Reus-Vega
gage & Valldemossa. The red-black endola
seems well enough developed to press close
but lobes not "puberulent indescent" (Cate) for
dark, dull green above, contrasting with the
lighter at small offsets along petiole, rounded
but almost entire. Plant does not look like V. Diet
inside J. Switzerland 1981.

5-16-32 Lathyrus
[Seed. Clipped here as 'antiquatus' 93 2-26-32 04-24-32 I fl. From Mrs. Kennedy from
Valldemossa. Wings obsolete and style with defo
rated, forward curving triangular tips (less than
1/2 mm long) hence much more slender in
punt than all specimens seen to date (6fl. which had blue wings)

5-16-32 : Cleomthogalum arabicum L. 1573 97, Box 436
Bom 24, BMCP 1/2, Catet 236 fl. From Mrs. Kennedy from
Valldemossa. One flower and 4 emdium. This large by
the large almost black pistils.

5-16-32: Larodora trinestris 1. Kuhf 179, Box 78
Bom 56, BMCP 485, Catet 289 fl. From Mrs. Kennedy
from Valldemossa. Ident based chiefly on relationship
d of drake. 4 ovules vs fl. Drake 3 medium with
ovules
5-16-32 Notes: 'Spreading from beneath its rim. Covalle 4cm long.

5-17-32 Crucianella latifolia. Kn 415, Bar 226, Bar 144. Cote III 257 Fl. From Mrs. Kennedy from Valldemossa. Its tips 'bracteae extremitates longae'—'conniventes' (Conn.) means outside base of the leaf. Fl about 9mm long. Covalle more purpule green than yellow.

5-17-32 Epiedea fragilis. Kn 276, Bar 431 Fls. From Mrs. Kennedy from Valldemossa [See Cote III 345] 4mm, 8 floral parts.

5-17-32 Aprientalba var. verticillata. Kn 395, C. verticillata Vill Bar 376, Bar 353, Cote III 371 Fl. From Mrs. Kennedy from Valldemossa. Very thick, these will be larger not short. Glumes young for because now drying not def. Others. Glumen blade 1 mm.
5-18-32 Helianthemum grandiflorum Rehn, Bas 23
Box 13, Cat 1 64 in. H. persicum var. In II 3.
Elev almost ripe fr. Field of Olden Rehns. Elev 10x
15mm across (about 10 mm long) waste unopened. Box as
initially erect in a queer lobed tuft with the stems
spreading outside. Petals deep yellow, but nearly orange
(Cote.) Note: middle leaf further petals standing erect
on slender stem, the other 2 narrower deeply channelled at base.

5-18-32 Helianthemum origanifolium Pers forma
Terry. Mature leaf glabrous except sometimes hairy
on edge or midrib beneath. 7.8 mm diam. Style may dehisce down entire length.

5-18-32 Helianthemum salicifolium Pers Knut 207,
Box 49, Box 05, Cat 87 E. (mainly delinued) few buds only few
bi. Towden Park. Slender toproot (as per annual)
with usually several unbranched decument
but sometimes erect, to 10 em. Suberect or
erect. In other way appears to have
suberect much like but less smaller. Style short
v-shaped, stigma discoid. Stems no in one road. Calyx spreading wide after buds fall but concave (not flat-topped), flat spread 1 cm diam. Capsule 3-valved with 3 very obscure angles; very faintly hairy at top or anthers (not). Inner lining of valves separated from the outside. Sepals with 3 very distinct nerves usually a low distinct 6.3, broadly ovate, acute. The 2 petals epallic about 1/2 as long, narrowly lanceolate, 1 -nerved. 5 petals much as in (not). Seed many, small. 5 mm.'
5-18-32 same sort of ciliation at base. On these nothing approaching the amorpho-lute incised surface (3-28-32). The 2 longest, inner sepals are shattering or minute below with thin white margin (at the base 3-28-32) the tip sepals projecting upward from back to back shattering part. Many of the sepals have a little ciliation back towards the base.

Petals many, linear-oblong, white, merging into greenish-yellow rings at base; the white 5 mm high so that petals are shortest along catch but longer than shortest sepal. Many not lobed, with 3-veins. Linear-elliptic, stigma 1/2 mm. long erect, not remaining or 5 lobed spreading at base-wise (3-28-32). Stamens many not in groups. (Query what relation the ring which has the stamens in 3-23-32 and the united veins of petals in this?) Anthers yellow, attached at about middle, withering the stamens first petals from a little cap, very easy. Only 5 not all present. Stuck but (a x 5) blackness the young capsules which show no signs of the flowers 3-23-32. Many 5 (2-4) cells. Each cell with many rules attached to long to exit placed (not now noticeably thick. Cellule above 20X) papillate not on back.

5-18-32 Carex caerulea L. NUT 502 = Carduncellus caeruleus DC. Bar 270 = Centrophylleum caeruleum L. Bar 18 = Centrophylleum = 302, Cat. II 398 Fr IV m n fr. Field by harem west of Torra den Pan.

5-18-32 Eupatorium terracina L. (see 5-5-32) Fr IV fr. Golden Rabans etc.

5-18-32 Lamiopsis palustris L. NUT 433 = C. Valenciana L. Bar 377, Box 386, Fr 367, Cat. II 184 = Colleum Cat. Bar 369 Fr IV fr. Golden Rabans. Note Fr ½ mundia (Cat. + yr 1 mm) V nata ala porciorこれで (Cat.)

5-18-32 Rumex scutatus L. NUT 433, Bar 402 Box 372, Cat. III 198 fr. m n fr. Golden Rabans. Ex- actly as ill (Cat.). Styles seem "soldado al triangulo del radio" (Bar) the Cat. says not. The leaves on each and 8 parallel evenly spaced, not "lacia" on tale (Bar)
5-18-82 Cirium syriacum Auct. Knott 492. Notobasis syriaca Cass. Bar 2607, Bon 174, Catt 365. Fl. very pale. Reared from Torr den Pen. Stems five much shorter. In a deep cut an sil (Cote), the white, convex, cuplike head comes from beneath & extends to the tip of the leaf. The leaf claspers are closed with their clasping surfaces reduced & consist only of a ring. Involucre the sharp tip of bracts recurved outward.

5-18-82 Anacaplae Clavatae Pico. Knott 473, Bar 247, Bon 668, Catt 347. Fl. very pale. Caldon Petrae. Only exterior achenes fringed achenes. Scales & receptacle broad, broadly ovate, nearly 3 lobe (not as in Cote). With a few long and bract at tip of central lobe. Style 2.5 mm. Stigma of 4 with 3. Epistylus is about as yellow as the same but Anacaplaene more densely hairy.

5-18-82 Anthemia maritima L. Knott 473, Bar 247, Bon 667, Catt 346. Fl. 4 mm. Caldon Petrae. Note glands on stem yellow-tipped & produce about the bud at center of lobe.

5-18-82 Polygennon monopelaeus Deff. Knott 393, Bar 493, Bon 356, Catt 533, 4133, Catt 575. Fl. 4 mm. Caldon Petrae. 1 mm 12 mm. Glumes elliptical shelved & less than 1 length of calms. Anterior to a very fine.
the notch. Lemma slightly dentate, unarmed. Upper section slightly shorter than lower (Cook) (Fen is the opposite) Lows 29 to touch (Burt) but (20x) show moderate denticle formation.

5-18-32 Silene 675
Fr. Toreden Pan.
Pardanpolites 650.

5-18-32 Silene 676
Fr. f. Field near J. Toreden Pan.
[New identifies this as S. rubella L.]

5-18-32 Phalaris Canariensis Kt. 289, B. 4284
B. 349, Bot 530, H. 31, BM P. 113, Cat. III 336 Fr. Field near J. Colton Preca. Inflated about 25x35mm Spikelet 8mm, Glume 2.5mm wide. Threading (which remains not as tall) 1mm wide. The stamens are as long as lemma, white. Tendril with green, slightly faint as are glumes. lemma densely pubescent (now white).
5-18-32 Bupleurum semicompactum. (Dec. 5-2-32) Fr. Torreden Pan. Fz. adv. enough to show the white tubercles.

677 v 3-30-32
5-18-32 Romulea parviflora J. Britten (see 3-9-33) Fr. Torreden Pan.

5-19-32 Lucania supina Def. forma jarrinosa Knott 371 = L. melanantha Boesv. (Rut Bar 306)
L. laciniata Def. Croat I11 21, Bot 234, BNL 3407
Fl v/f. From Mrs. Kennedy from Teix. St. (assent) to 5 in., slender, made to below 1/10 in. long. Plant glabrous except for plant tipped hair on calyx
adjacent vs. person casta. Casta 2 cm. small flowers the vertical spurs one-half. Flower in 2-rows close together at tip, calyx valve-like. Seeds orbicular-cone-like, 3 mm. diameter, not tubercle-like with white wing.
5-19-32 Lonicera japonica Deutz forma prunifolia
Kuit 379-1, Bed pan and the Bueno 2. Bux 3/0
[See L. japonica Deutz. Cat. III 81, Bux 23x, Bux 3/0]
R. Deutz. From Mrs. Kennedy from Tex. .50 (as sent) 198 in., slender, marked below. 1.5 cm. in leaf-plant glabrous except for gland-tipped hairs, calyx adjacent from corolla. Corolla 2 cm. ovary, 3 with the petals of the upper 1/2. Extrafloral nectary on lower petals at tip not, almost sterile. Seeds octagonal, brown, smooth, not tuberculate, with white wing.

5-19-32 Rapidichium rigidum Sw. forma pallidum
Oliphant, Kuit 203 = Polystichum — DC. var. quadrata

5-19-32 Buxus balsarica Lam. [I. 166; Bux 421, Fl.
79. From Mrs. Kennedy from Tex. 87 x 4-celled from decurrent petioles. 7 veins on left and right. like the Corolla of Privet with tube (outside) 3 mm. x 4 cm. slightly longer. B. B. this too tall and if close to the ground, the filamentous issues.
5-19-32? Specularia jactata D.C. (see 5-9-32)
Prob. young fr. From Mrs. Kennedy from Teix.
Note the lines of sepals (see 5-4-32) run full
length & are not equal to edges of fr. but
mid-rib beneath, alas on calyx tubs (not in
lines). This and general aspect alike as 2841 would
suggest S. castillana L. Cate II 492 but calyx
very much smaller than calyx lobes.

571, Cate I 311. Secalso Oregens 10 D. proceeds
Walls. Bar 1105. FL. From Mrs. Kennedy from Valde-

From Mrs. Kennedy from Valledemosa. Fr. winged. Cate II.
Ident. by Kurz as S. falca. -D.C. (see 5-9-32)

678
5-23-32: Specularia Castillano -large. Cote II-192
Born 197 FL. W Hill. struck toward Pollinga on 1st leading northwest.
(Comma same S 5-19-32 from Valleymadre.
2+15 in high. Aspenites ca 5-17-32. 10+15 ft. tall (Cote). Calyx bll 7mm, calyx lvs 5mm. Corolla
10mm across, its lobes exceeding tip run calyx lvs by
3-4 mm. [Since this specie it large corolla, is
S. falca. post. moved under S. castillano -large].

679
5-23-32: Linaria acuviilata. Kurz 373, Bar 3365
with long spreading branches some pappi not falling
(usual nod). Corollas narrow, more than ill (Cote) V unlike what ill (Cote).
After calent entire but sometimes ill in 15. Top
will cover, 2-3. 25 mm high part (capitate) and
often red disk beneath. St. base about length of ped.
circles but ped (at least sometimes) al. 2-3 times
Calyx with spreading hairs across which are
smooth. Corolla 10 mm overall, 4 mm.
Corolla almost fully in tube, but pappus like .blue at
edges; the upper lip veined in purpl. tip. Of palate
with 2 bright yellow bosses, inrav b pale bright
purple. thickly branched with bright many
hairs (enlarged out tip) but the purple throat. the
yellow bosses, the flecking is pinnate
alternate hair. Corolla somewhat hairy on back
upper lip Anthers white. Capsule glabrous
with a few straight tipped hairs, the largest now
very slightly exceeding the calyx, but the old
pods suggest that within right may be still
a little more. Seeds surely will have
“crestan salientes” (Bar). (Costa says “man
crites salientes”)

5-23-32 Lavastrum trinervium 1. (See 5-16-32) Flowers
fr. Field about 2 km west of Pollensa mid toward Illech.

5-23-32 Lathyrus latifolius L. Kn. 176, Bar. 578, Rom.
88; Conte 402 & 527, BM 1939. Fl. Field about 3 km west
of Pollensa mid toward Illech.

5-23-32 Arenaria salicaria L. (See 5-9-32) Flowers.
Rd Illech-Pollensa east divide. Notice a few purple
purple calyx with a little thickening at base (almost aciculate
effect). Seed is a little longer than usual, very dark.

5-23-32 Galium parviflorum L. (See 4-19-32) Flowers.
Rd Illech-Pollensa. Seems same as 4-17-32. Very like
all (Costa) same with 12 pleat ones but finely compound.
Other with fine notched hairs (5-4-19-32). Cf. with
below.
5-23-32  *Calium* petasitum L.  (See 5-9-32)
Loc. var. fr. R. Hulch-Pollensa. Seen frequently in some parts.

5-23-32 *Trifolium recurvatum* L.  sect. 83,
Bae. 127, Bin. 78, B. N. 118, Cote 342. Road fr. in
sid about 1K from Hulch toward Pollensa. Plants flat
mat, perhaps because mid (winter ticks. Will cats
and grass) spiderweb very short. 1.2 cm. Calyx un-
mistakable with 2 teeth on divergent
twigs. Calyx thickly puberulent lip (but glabrous)
its tip) glabrous on lower lip in 1/2, many nuckes.

5-23-32 *Rosa nemorosa* L. sect. 151, Bae. 162, Bin. 101,
Bun. 434, Cote 38. R. Hulch-Pollensa on turing
mid massonid at base, pleent to Pollensa. Field
thrive; petals deeply serrated. Leaves massonid
thicker.

5-23-32 *Taurici heterophylla* sect. (See 5-2-32)
At various places Hulch-Pollensa. Stems
with closely applied down- pointing hairs. The
leaves rough with similar hairs pointing up
at very effective much as will (Cote). May 2-8.
Cross section of fr. asill (Cote) but inner leaf
summer. Bark rough with tiny rough
lactat tip. Barooms white at base and
and purplish above. The 3 dorsal is the primary
also unknown with line & uppered clavi-4
(chertare as 125). The other tables not similarly
lines. Fr. on almost 4 mm. high.
Styles very short. Petals white-purple, both
up-pressed having petals.

5-28-33 Anthelmis Cota6al. St. 11 472, Bar. 347, Bar. 167.
Pollenea.

5-23-32 Ranunculus macrophylloides Desf. Kn.I
Bar. 563. 3x Cost 1 30. Fl. and unripe Fl. blue. Very
like ill(Cote) Suggest Ra. rich An. growing but
diff to eye use the broad leaf, the long of bending
An. at top & at exterior to make wide by bending
the peduncle lightly grooved. Note receptacle
part only at top.

680
5-23-32 Crepis Trifasciata Willk. Kn. II 579, Willk I 976. Tab. 21
- C. - Canab. Bar. 291. Fl. blue. Pollenea. This obviously
is not the common C. from the wood sides but very
difficult to describe. Plant slightly very green, as
a clear yellow (hardly as pale as subjunctiv but pale
than subjunctiv) and whole effect greater v
unusual than in C. Taraxacifolia. Plants in
5-23-32 The high with small trails except for several linear branches cuttling handles of the hill. This is protecting the west. Very seen frequently in the mountains this spring (index 5-2-32). Coming full from north side toward direct blue today but very few in B. hehle-Pollensa.

5-23-32 Veratrum Thapsi. No. I 366, Bar. 333, Bar. 228, 49-14, Bar. 336. Conte. 6220. Very early bud of blue. Hehle-Pollensa (afternoon 29th 1st at left, perhaps at house just beyond). General lots of V and this strongly deciduous 1st seen to make ident sure.

= V. Petrae Welke. II. Tot C X X IV.


A. Targets 10-12 in heads. Lower bracts closely sheathed, upper loose, widest, cardiac elongated all feltly with rusty pubescence beneath. Flowers spike compound, immense (6-7 cm). Plumes more than 1.5 cm across (Cote days V 3 cm). Practically sessile. Stamens 5 the 2 longer with staminal tube only and anthers oblique (Cote) the others with filaments directly covered with glandular, wisthairs and anthers (petal) not oblique. Oldest petals more than 1 cm high, longer than calyx, becoming glabrous or shining. Note: only one available = V. Bocchi. 4 Cote 6220 V. Petrae Welke. II. CXXIV.
and sure I dip not any cistern exactly right by walls. Fis could hardly be called "plunge's dam lalnut" (cote)

682.

B. At first name aha clue (mentioned in A). Plant reaches 47 in. high (in well) 27 in. 0'4 in grip. Shape of leaves in A but st. Tipper rig. Ls almost like Cistus, antlers seem the same as A. The chief diff from A apart from size being that the flo-

683

5-23-32 Achimilla arvensis Bert. KnT 55, Bar 165, Bov 102, RVH 45, & 493, Cott 631, 671, 71. Fr. Llch-Pollac

5-23-32 Conlina aspera vill KnT 540, RVH 273, & 866
RVH 273 = S. — All Cott 436 = S. — Vill Bar 187, Bar 286 Fr. Llch-Pollac, Seeds Achim 3 x 1.7 mm, the wings on edges being half as wide as the center. Edges jaclines with slight downward

5-23-32 Brachypodium pinnatum P. Beauv var. silvaticum Huitz 329 = B. silvaticum P. Beauv 514 = B. silvaticum Prem. vs. Couteau 657, Coteau 37 = B. silvaticum Beauv 514 x 572. Fl. Mass. A semi-ripened seedment of pollen is yellowish-green /mn wide almost smooth, glabrous. St. slender /mn wide panicle nodules but plant sterile no glabrous epidermis. 5-7. (This does not agree with seedling in Coteau 210-5-31 641 but seems only B. in Mallorca w/ wide flat locs.

5-23-32 Spartium junceum laxum = (See 5-3-32) FL. Th. Selva-Calmar.

5-23-32 Euphorbia cyparissias L. Huitz 158, Coteau 48, Coteau 282, AVH 469, Coteau 239 FL. p. FL. beyond St. Maria on way to Cornell.
5-28-32 Keranium lucidum L. (See 4-18-32) fl. young fr.ment 91 black wth. Specularis and
Sagittaria. Seed with longitudinal (almost ventral) crests or back at top, more less reflexed at
the angles of the v below thin but nearly
smooth at base. These edges and the edges of
the envelope where it breaks from the axis finely
pellucid-radiate.

5-28-32 Leno nigricans L. (See 5-9-32) fl.
fr. Black - Pollenace. Darnel on peduncle of
Podo with bentacular seeds well formed are
still slightly reflexed. Largest pod still 5 cm

5-28-32 Lotus latrophyllum Murray (See 4-24-32)
fl. young fr. Common or Black - Pollenace about
at the hind. Largest pod now 11 mm

5-23-32 Digitalis purpurea L. Rubra dubia L. conc.
Fr. T. 386 = D. dubia Rols. (See 3-26, Wellk. Ill. Tab. LXXI.
Adv. und. Black - Pollenace. Cordiform or deltoid
but spot on inner side matters clearly visible.

5-23-32 Cirsium lanceolatum Scop. forma
erubescens (See 4-24-32) fl. Black - Pollenace. ProBnt
var. erubescens = C. — DC = C. Willkommnannum
5-23-32 Pots a VP since Cote II 378 y Velzke, [written illegibly].

5-24-32 Festuca ciliata Bss. Kat 322, Bss.

5-24-32 Sliper, caespitosa L. var. toelis, Kat 292 =

5-24-32 Capparis africana L. Kat 113, Res 40, Res 34, Cote 1F 42 FL. Tereno ci to Aips, Dolga, Sattin.
Filaments bright green, flat and extend 1/4 in. tip curled.

5-26-32 Latex

[5-26-32 Latex]

5-16-32] From Mr. Kennedy from Valdemossa. Same plant as 5-16-32' Unique fr. Potemia 50-58 mm, very flat not channeled on back, the 3-4 seeds (now) within it def. nodoso-jelosa. Seeds (now) 6 mm diam. with helix 3 mm. pubes glabrous.

5-29-32 Davencus purpureus Balf. & Forst. 356 - Colaya
maritima Koch Bar 192. Cote 161 - Cancalis
maritima Lam. Bar 124. Flv. unique fr. Beach
at Colonia. Plant gray-green, almost flat on ground. F. 10
mm long, apices at winkle. Beads fr. Oft. notched
at end.

695
321. Cote 166. Flv. unique fr. Cala Santanita. Two
plants only found on rock west side near alone.
Plant exactly like ill (cote 1). But note: Calyx
lobes are Div. x-wide (greenish-brownish) kink
(dark vis has well lining front) down centra and
hairs lines their white margins at base. Petals
Corolla not neatly dotted as in 2 (3-13-32) but
spotted purple with the spots more less in lines.
Corolla (base to tip) 4 mm, Stam. straight 2.5 mm

5-29-32? Matthiola ainoa R. Baker Kut 35. Bar 18
Cote 27
23, Cote 85. Flv. unique fr. Beach at Colonia.
Need to identify by Cote 85. Bar. Palace flattened but
"clearly" did to seen in the field (may different now.)
Pods 3 toothed at apex but this is not the 4. (3-29-
32) since the middle 3rd is not 2-lobed but
at base J. lobes bearing on each side a small
but def. not 'Standing toy.' Plants 8 in. or less high with 6 spreading branches. Very soft! To touch,解除! (Gray) Branches v. pale, very stiff, longest pod about 1 cm. Els with a most engaging innocent expression. Light at center, like at edge, fully 2 cm. across. Serrata looking like in Cote. @ FL
not like 1st. Poles correct to the same away down so near I plant and (at least none are) confronted with plant-tipped projections. But, seeds now show no signs of being "largement" allies (Cote) and peduncles (nor more) more than 3 mm. (B) (also, at least 5 mm). If this is M. rii-
cupidata then the NY38-32 was very something else—perhaps a garden escape. All past'
planted have the same thick, still glandular
jade but they are not so 'even because of the down-
tip galaxies:

5-29-32: Rubrus calycina, Nut 50 (which everyone only in balance) minus Barcelona Phalaenopsis. Plus. See also Redrup's Egelj (Phalaenopsis WYN pair) Cote 18. 57. Cote. Santiago Campas and
on Cape Horn wind. Flood dyed pink, Red Barcelona.
5-29-32 Euphorbia tendroides (see 2-26-32)
Fr. Cala Figuera Cala Santanyi. Carambola large along with tendency to be slightly 2-lobed
lanceolate, not oblately. Difficult to harvest
aristada unless it refers the fact that the carapa
but is attached to red by short stalk so that it can
be easily swinging around on the stalk as an axis
as in E. helioscopia (5-5-32)

5-29-32 Euphorbia Creticiun, from maritimum
(see 4-29-32) from Peñiscola, Colonia (seen on main
beach since 4-27. Collected a plant 14. Large. Sails
24 mm. high.

5-29-32 Euphorbia Crotique. Rod. Knt 353. Bar 48, Bon
38. BVT 376, 326. Catt 379. Funtaje. Fr. Cala Santanyi
at Colonia. 14 in. high. Scales vary from blunt to
strongly mucronate.
B. Funtaje fr. Cala Santanyi. BVT the same
but only 3 in. high. General effect much more
stubby.

5-29-32 Polypogon maritimum, well a sub
applicatulum. Bar 394. Bar = Polypogon
applicatulum. Knt 302. Catt 375. Fr. at Colonia. Fl
not different in upper article longer than lower.
longer than wide.

5-29-32 Selene A.
Fr. Cala Figuera. Low linear, all parts softly downy. Inf. lower 1-2 flattened, transversely. Calyx-lobed, randomly recurved, 3 cm long. Ped. globose, 7 mm long, stamens 4 mm long. Disc petalics flat, petalscales 1 mm. Styles curved or lack. I'd suggest Kansas as S. sericea all.

5-29-32 Selene B.
Fl. Volfr. December or beach at Colonia. Loculate broader than A. Inf. much the same. Flowers generally the same, but petals smaller. Stamens more regular without turning back. PETALO PEA. Pekoe a little bit greener below. Clavo directed about 3 mm beyond calyx. I'd suggest Kansas as S. sericea all.

5-29-32 Dendranthema nodiflorum (See 3-23 vs 5-29-32) Fl. common on beach at Colonia. Same as (5-18-32). I'd identify Kansas to me only.

5-29-32 Dendranthema nodiflorum (See 3-23 vs 5-29-32) Fl. common on beach at Colonia. Same as (5-18-32). I'd identify Kansas to me only.
5-29-32 Tenericum Polium L. var. Polium Knutt 315 315 315 315 315 315 315 315 315 315 315 315 315 315
Cate 139 F.L. Reachat Colinia Same as 11-22-32

T. Polium var. majoricum from Bello, from which it differs. Identify chiefly by calyx
floral. As done or dead; (This is in fact that it is) not the ill
which ill Tab CXXXIII, var majoricum. Plants
leafy (perhaps 9 ft. leaf), has a leaflet than var maj-
623 calyx oil. Many, fleshy, fleshy, with white travel
caruncle in much larger than the sim-
ilar hairs in var majoricum. In this be
broader slightly longer than var majoricum but
the receptacle, erect, erect, erect, the same
differs, a border more solid, erect or solid,
heads, only very slight pedicel left. It is larger
(calyx 5mm high while var. major has calyx
3mm high; cortex; differ in about same pro-
gress). Calyx teeth about 8 teeth, but each has
forit. Apex on the back a wooly hair or
broad 1½—3mm high (var. major has some-
inflor) Corolla usually entire but (in one
specimen) fringed purple. Anthers red-orange or
redder than orange. Filaments, especially
in drying—perhaps not as red as in
var majoricum

690
5-29-32 Tenericum Polium L. var. majoricum
Knutt 377 T. majoricum Rossi Walla 377 Tab CXXXIII
5-29-32 Station
Fl. Cala Sactary. Perhaps same as 11-22
Costa cinnamomeum. Calyx tube pub. below x thimble
not 'profundiment divides into 1 or 2 needles'. Costa
thimble-clare, not deflexed. This puts it perhaps
see to Costa in his group that includes:
S. confusa, but rarer than that which in
cludes S. durinacula, & the only 2 groups
proc. in light of

5-31-32 Communis maculatum. Knit. 230, Bar. 213.
Bar. 135, RV 209, 6613, Costa. 125 Elvado. 5. From
Mrs. Kennedy from Vallemora. F. Kayless.
(Costa etc.)
16-8-83 Anticyllis Vulnariae var. Balsearea
Kew 722 = C. rosae Willd. in 123: C. Balsearea Coss. Wilh. 11 I. 39 797 2XVII. Fl. Pung 1.50 - Vega gorge c. Val- 
terrena (about 780-800 M. alt.). Plant of meadow at 715 
in high and flat (but not quite) surf, but might 
by thieving out several feet (also is sometimes) done 
As lots like C. (Wilh.) in on specimen. Pulf joined 
the lower with 5-7 leaf, the upright leaf more nearly as 
unique but leaves too as in remember of C. 

161. A. Vulnariae in Switzerland. Need of 13-21 
the flesh colored with faint spots (not as purple 
(All Wilh.) Fl. 1.5 cm ovate-cord. Wilh. 8-9 cm. Boots 
about 10-15 div. exceeding flower length. All capsules 
12 x 4 mm. its falls 2 mm. All ciliature above, 
up to beneath. If authentic status even in lowest limit 
A. vulnariae, the plant C. may not be typi 
cally develop. Kiln temple. Fr. v. amboada lateral 
(quite like all Wilh.) Pung Aero - Vega gorge = 
Extrait de Son Callot

692
16-3-32 Anticyllis Vulnariae var. rubra forma 
Kew 120 = A. Vulnariae L. var. ? Res 123. Fl. on 
stalk above along wall from rocks above c. 
found to the Vulnariae plant. Plant 7 one leaf at 
its highest. might easily be taken for good 
developed spire j above. But lower its almost simi 
A. terminal if at a great distance from
a pair of tiny lateral leaf-like structures, look like stipules, the upper with 2-3 pairs of free toes with apical tubulure, Fl 13 mm wide, corolla deep bright red, the calyx red on its upper third. Colt 4½ mons 3 x 1-mm metal-like. 
Thompson & H. 1839, from var. balseica.
Standard arrangement in var. balseica.

Denticillaria balseicae var. 693

6-3-32 Denticillaria balseicae var. 693, Bar 376
Early fl. Puig. V. Vega gorge, frequent in the tracts near the village. Only the outside part went through gate below humans place. Its fine presence makes it clear.

6-3-82 Epipactis microphylla. Quatro Bar 413, Bar 589, Bar 309, Caste 314. Fl. Puig. V. Vega gorge.
not uncommon. Mrs. H. sanz. says found all about Valdemana region. The gill is black, at least 8 lip strongly paler and purple as is all the space between (but not 3 separate boxes as in E. jucunda. Rabin. Fl. WW. III 345). Top lip might often be be called "en pointe rectangle" (tall for this species). Lens largest open, not 2 cm wide but these are middle just often def. longer than intermediate.
A. 5 in length, fl. 54.
B. 15 in ... fl. 21.
6-3-32 Digitalis purpurea L. subsp. dubia Locke FL. Frequent V beautiful Puig bros.-Vega gorge.


6-3-32 Helleborus orientalis L. (see 3-29-32) FL in various stages. Puig bros.

6-3-32 Hesperis lactea Wulf (see 3-18-32) Andres FL. Puig bros. Frequent on cliffs in FL. Young FL. more seen life.

6-3-32 Peonia coralina Ritz. from leucopus. (see 3-23-32) Young plants not for sale. attains high Puig bros.-Vega gorge.

June 1st 1 plant seen

6-3-32 Deodecanthium Nemionitis. Sw. Kirt 259,
Puring 1100-Veiga gage. All look plant about 2cm
5.5 x 4.4 cm.

70D?

6-3-32 Calium rubrum 1. var. paleaceum. Kirt 420, II Tab. 15. Flowing to Puring 1100-Veiga gage.
Stem very slender, branching at base, valvate,
ample abax, smooth, red about 30. in vertical
in 14 to much smaller than intermedius as near base 1.2 x in middle 1.4 x 5 x 1 mm. base
late; 2 x near base 3 x 14 mm. Var. Uppers are
minutely blunt but (20 x) just above browned and dor.
pointing but not edges. inner 2 veining. Low down
withered. All lower beneath except for the
broad green mid rib in paleaceum. Upper
leaves consist of short lateral branches. Stem
shorter than intermedius bearing a profile (rather
like Cortvliel 1678 more simplified). Corolla a
wine red or a little lighter. Adaxial side
2mm. Sides 1 mm thick. Top acute with tepals involute. Not aristate. Flower among
needles. Kirt. coccineum Spring. Ber 221 (also
may be Ocotl). Robrooi plant this same among
See too. Rubrum 1. Cortvliel 249, Box 140.


scale. capsule 11-12 mm on calyx. 8-9 mm. Barakal 4x2 1/2 cm with pedicel 1 1/2 length blade. 1+ linear aseal. Calyx with glandules 
not too, at least the base covered thick. 

701. New names this C. Hallerianna. 
6-3-82 Carex trispera Hallerianna var. 
trispera Knoche (= C. trispera Portal) in 1948 
see C. Hallerianna, Bar 480, 35%, Costre 50% Ado. 
fr. Reights. 8+ to 11 cm, the branched papery 1 1/2 cm 
1 1/2 mm wide, channelled but not def. closed, rougher 
from upper surface toward the long fine tip but 
aldenax at smooth below. fr. very delicate, 3 
edges. Terminal stamens to 1 cm long, its scales 
brownish with light brown tips.
on edges. Petioles 3: upper very close to the middle only slightly below the lower on a subaciculate setiform urceolate, chartreuse. 2. Middle 2. Petioles brown, 6 to 10 mm long. Perigynia oblong, flattened into a somewhat aciculate beak (1 mm long), slightly 2-lipped. Perigynia narrowed and acuminate, glabrous. Style, 3. Stigmas 3. Achene trigonous, 3½ mm long, with a flat strip (1 mm), which is bent to one side. Fan of achenes may be transversely or vertically lobed (not all are of this). Regularly or irregularly truncated (rarely more than a ridge)

6-3-32 Carex dixaela Smyt. K1. 3 + 6 = C. Linkii Sol. Bar 479, Bar 332 = C. Longistyla B. Curt. Cat. 14. 5+1 Adf. Perigynia - Veins not appearing as veins, adaxial

6-3-32 Ruta chealifolia Sw. ex Bremek. Btol. K1. 540 = R. chealifolia DC. Bar 257, Bar 332, Cat. E 269. Fr. vernus fr. just behind leaves when fully set up. Perigynia - Veinage. Cf. with R. chealifolia from Belmore, but plant closely recognized without comparison. Plant larger to twice in all parts. St. body dark green (gray-green in species), bracts large throughout. Fr. now 1 cm (larger than ripe fr. for species
6-3-32 species as mentioned) without the exact points of values found in species with four four points spreading (making a very open- ended capsule when capsule falls) while in species the four points are close together.

6-3-32 Deatina cretica, Knitt. 438, Bos. 283 Early

6-3-32 Hieracium luarocesi Vill. nov. II 534
-220 Adoxa Vill. Bons. 94, Cate. II 260. See Bos. 262-3. exp. dec. 730. F. Puiig. Koro. Rovreeshay would bring me but this conclusion also Cate except that I am hardly obtain. Diff. from dec. Cate in that upper part of the flower gland tip. ped. bains are mixed with alabaster white stam. ones. Plants 12 cm. high. Roots 1 oz. (usually 2) 3+1

6-3-32 Crepis tenuarii Vill. (See 5-23-32) S unit.

702


703
or in ravine. C. elginiana st. very slender, thin, high 100-3 mm wide. 'A' of from C. elginiana cin that (1), the slender, thin, short branches inf are visited from one side making a dainty lace effect (2). lemma and glumes fertile from midrib to base. (3) lemma and glumes sterile from midrib to base. In better finding and yellow potant glumes to higher similarity, the lemma stomata at base 2; sterile fertile glume arises in C. e. (i.e. opposed glume below 1) and several brown glumes at apex, but the lower glumes of glumes are fewer, narrower (almost sterile) with regularly spaced and all are pubescent-bi-fid along (only slightly bi-fid along edges midrib). (2) slightly effective to eye (20X). is almost glume in C. e. 3. sterile glume arises in C. e. but the thin glume salamander (in C. e. 1 mm wide) and lemma are def. pubescent (in C. e. only lightly). Also glume not more than 7 as long as sterile (in C. e. the glumes def. longer than lemma). 4. awns glumes 1-1½ as long as glumes in C. e. awns glumes 2½-3½ times as long as glumes. Note in this matter of length of awns Costa is in the contrary. Only a short like this collected. 3. Second open collects in which are more larger (i.e. to 2); perhaps more times as long as glumes, and Gabriel is never pubescent than in C. e. but otherwise like "A."
6-3-32 Cyclanthus grandiflora Bat 86a 5-11-32
Ado's Puig-Ros-Vega gorge. Plant is erect with
6 strongly marked, light colored ribs. Plants are
in various heights with varying number of
flowers. One collected was about 2 feet tall
only.

6-3-32 ?? ? ? Cyclanthus aureocomosus Cav. 1742, BM
388, Bar. 589 = C. longijolia Frstl. BM 453, SUF 168
[The 412 not on C. grandiflora Bat 5-11-32] 20 ft
off fr. Puig Ros-Vega gorge. At least several plants are
all mutilated at top just as this brittle insect, l.m.
def different than C. grandiflora. "disfigured" remains
those in middle at 80-90 mm long with internodes
90+15 mm.

6-3-32 Crucianella latifolia (Lee 5-17-32) Fl. Puig
Ros-Vega gorge.

704
6-3-32 Spergularia falcatu DC m. S. Castellana large
(See 5-9-32 and 5-28-32) Fr in various stages. 3 to 1
calyx tube deformed. As seen can be judged
the corolla was much shorter than calyx
length. Mentions ripe the remaining petals...
6-4-32 X eranthemum vincetoxicum Mill. & Mill. Bar 581, Ron 32, Cat 403. Early. From Mrs. Kennedy
Purig Mayor. St. sample 3-4 cm high. Scale greenish
aka "Tripartita" (Bar) and nearly 20-floin
including (Ron).

7044 A
6-4-32 Euphorbia Maresii Kirche var salicaria
Kirche E. Hay Salis var salicaria Wallf. 30
It 152 Tab C 3 XXXII KnT 162(F) Tab 108 x 124.
FL 1 fr. From Mrs. Kennedy Purig Mayor. "cutout
as buds." (Tenerium autophyllum) aerial
in except and ground as ill. Kit. End 2 mm long.
100 x 27 mm. Identity Prov. E. Maresii Kirche

6-4-32 Sorbus aria Crantz. It 47, Bar 168, Cat 72 (perhapse same L. nivea fogh Bar 108) FL. From Mrs.
Kennedy Purig Mayor. Local almost stellate. 8 x 7
mm, upper side may be finely reticulada
back (Cate), when dry.

6-4-32 Arenaria grandiflora var n gracissima
Cornon = It 1452 = A. gracissima Lange Bar
69. See A. grandiflora. Cate 108 & A. grandiflora all
Bar 49. FL. Mrs. Kennedy from Purig Mayor.
6-4-32 Crucianella angustifolia. Kuitz. 4/18, Bar. 237, Rom 144, Coot. II 205. Early bud. From Mrs. Kennedy. Puig Mayor. Plants 4 in line, looking more pressed like some sandling junipers. Collected with C. latifolia. 9/6-3-32


A. F. L. def. bright red. In all that respects seem the same. Cult. description fits well except to color white.

Mrs. says "plenty of purple and white, in the pre-capture. But most in the ground."

I know says: lanceolate leaves. Erect and white. Perovskia. Bar. 147, Pelleteria from the family of plants.

6-4-32 Plantago
Fl. young. From Mrs. Kennedy from Puig Mayor. Very large. Peduncles may be the family of plants.
6-4-32 at Lakeview approach show much hair (hardly visible). Heads globular, stems medium. This is p. Plectandra, (this is not lobed) but consider P. angustifolia. Bar 381, Box 2322, Cat. 171. Unit 411. I think it mistakenly reported from Balesca). Plant does not seem tall enough and facts agree not absolutely identical. T. angustifolia is considered but facts not unambiguous. Aperculae (Cat. 42 rev.) Only one seed found (in the 2 plants examined). Ranges lanceolate, 2.5 x 5 cm (remnant of the leaf after coming through the rain) Serrate, sharply pubescent. Not silky. But the leaf of the specimen is more shiny. Petals conspicuously long white, plume riley, fringed with minutely pimpled scales.

6-4-32 Helichrysum frigidum L. Ken 476, Bar. 15, Box 9, Box 13, Cat. 176. Princess from Mrs. Kennedy from Puig Mayor.

6-4-32 Specularia paleata DC. ex. Focke. Hana range. FL. From Mrs. Kennedy from Puig Mayor. Corolla 1.4 mm longer than calyx limb. Calyx tube 1.3 mm. [see note on New ident. 5-23-32]

6-4-32 705 (Specie returned to Mar. 19-11-32)
977. Laceratifolium gallicum C. B. Rob. Unit 280. Tab X 210. = L. gallicum L. Box 198, Box 128
Costa 169 1f only. From Mrs. Kennedy from Ping May. Very late, ill-timed. [query: was this the plant seen only in my 6-3-32 Ping tea?] 
Vega gauge V(2) was at the plant seen with large white umbellog flowers on inaccessible cliffs. 6-10-32 in Tex.

6-5-32 Pulexaria odorata Relif. Nut #65. Bar #354
Costa #185 Early fl. From Mrs. Kennedy from Valdemar. Only if seen in hand to judge whether this is P hypeptenca Gaertn. Fewer (2 or 3) many, narrow, long acuminate, more a less purplish at tip, long hairy, very much shorter than his pet, may be of this type (ex. in bud). Rayo deep yellow, narrower, (narrow? shortish than triplets. Red not the "gale" nor def. "epaisacian comm."
Costa wonderful plant. Rattles cotton with longish white hair (finely tubercular base). Flowers less than 1/4" above. Nut at base head 2 cm, aerial which dish is 1.5 cm. = Smilax odorata. Bar 171
[6-17-32 White plant. From Mrs. Kennedy, Valdemar. Potts black and thick (might be called slender elongated tuber or so?) 1/2" at base described in ragged cotton on mulch. St. has without permanent dt. disk, 2 seeds, perfect, very correct.]
6-6-32. *Erodium chaenoclados* A. Hartm. in I/13, II/Taf. III. = *E. Reichardii* DC. Bot 83 Fl. sog. from Mrs. Kennedy from Rose Bluff. 1916-17 mm. diam. Petalolate, beautifully veined pink. Petal with spreading hairs; style shone. Sepals elliptical pubescent outside, often with short eglutinate tip with a tuft hairs at tip nearly Petalowith elliptical hairs on inside Petal. [1935 plants abundant at Fernwood]

6-6-32 *Lunaria acuiciliata* Duby (see 5-28-32) Fl. From Mrs. Kennedy from Rose Bluff. Asteriditie a slightly less fragile plant than (5-28-32) with nearly all more nearly like all (Cats) is not in Tab. XIV in III but on comparison with dried spec. (5-28-32) seem surely the same. Corolla the same except that colorings paler not as bright especially the 2 yellow spots at tip of palate. Corolla 1mm high from tip yet spur 3mm long or corolla almost 11 mm overall.

6-6-32 *Deainthus prolifer* 1. Taf. II 478, Bar. 60, Bar 351, H. 62, Coct. 190 = D prolificornis Bar. 47 FL. From Mrs. Kennedy from Rose Bluff.
6-6-32 Hypericum Camelopardalis Cass. N. 1893, Bas. 86 young shoots 0.5 ft. From Mrs. Kennedy from Irish Blan. As far as material allows this is quite right except that no transparent cells can be discerned even with electric light (Bass. 1937). Plant entirely glabrous. Leaves well developed, blade 4-6 cm. 2 branched. Branches flattened with 2 longitudinal lines, brownish, dark green, shining abaxial, lighter, but blanqueous adaxial, entire, ovate, rounded (not at all cordate) ovale x bluntish at apex, the largest now 4 x 20 mm. The blade (now) 1-3 cm, capsule, 8 mm (petalopora) overall on pedicels, 1.3 mm. Capsule with many fine longitudinal ridges, 3 celled, indurate, type 1 (flquescent) 2.5 mm. Electric light x microscope (20X) show the transparent cells plainly plentifully.

6-6-32 Ranunculus Sarodum Granty Kutz 491, Bot. 11, Case 1 27 = R. felixmotesus Bcal. Bas. 12, Bon. 8. A x micro to 1. From Mrs. Kennedy from Irish Blan. 6 in. high. Flowers yellow. 12-merous. Sepals and petals except that 11 at 0.5 mm practically glabrous. Leaves repuls entire. No more than 1 or 2 long as petal R. Blunt end seems ruled. Note: the sheathing bases of petals def. long ciliate. And (2) none gloss with middle leaf stalked as deep (Bas. 0.55) as ill. (x). The basal leaf (now today believe) was the middle fr.
6-6-32 middle bloom like Cistusill GR. pavilion. But the sepals ground peduncle, hairy receptacle, stamens reflexed 20° or less as long as petals of all right. Capsule about 17, the only manner near ripe, 3 x 2 1/2 mm flat with prominent thin-edged lower valves triangular about 1/2 mm high, the sides covered with long tubercles except in smooth spot in centre. Hence carpel just like dace.

6-6-32 Melica Balsinii All. ex T. 316, Bar. 503, Bar. 364, Cost. 620. Kind from Mrs. Kennedy from Black Swan. Flowers glabrous (Cost.) but extrados napeose (Bar.). 1st glume 6 x 3 mm broad, acute, 2nd glume 8 X 3 mm acuminate, lemma 7 mm, very rough on back but, near the edge (not exactly on the edge) clothed from base to middle with silky white hairs some 3 mm long. Petaloles very pet, just undulifoliate.  4-rolled retrose, lipules conspicuous. Survey: Was the M. seen but not collected 6-3-32 in Puigiero-Vega are the same as this?

[Page 707] [Ident by Raw] 6-6-33 Delphinium spathulatum Willd. ex T. 497, Bar. 497, Cost. 57. From Mrs. Kennedy from Black Swan. Glumes 5. D. Stapfianae 1. in lanceolate shape sent by Mrs. from Valdemore. Only upper parts of plants sent, there look
much alike but there are these differences.

<table>
<thead>
<tr>
<th>Pedicle in</th>
<th>10 mm</th>
<th>15 mm</th>
<th>5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedicle in young fr.</td>
<td>6 mm</td>
<td>10 mm</td>
<td>5 mm</td>
</tr>
</tbody>
</table>

Note: The comparative in length of the young fr. than these means, would indicate the shorter pedicles make D. so much more compact and alike. Can't see the difference in pedicel, say, by close Folio. too young to judge. | 6-2-32 | Vicia tetrasperma Maxim. var pubescens Boro Debay (See 6-5-32) Palinurus type Frum. (Kennedy from North India, Palinurus 1-4 ft. sometimes slightly crisata. Pot nearly glabrous but very plant pubescent. Seeds 3-4. Nelson and very short. I believed the 5-5-32 specimen and satisfied that they are the same.

6-15-32 Delphinium atropurpureum (Kew 2-7-97, Boro Debay, Kew, etc. very fine. Valuable commerce.

6-7-32 Albizia lebbecke Bentl. (See 3-2-32) Sinsefo. from same Res. 3-2-32. Potli palbato 8x2 cm oval, flat except at the constricted base. the latter (12x) many seeds, long egg-shaped. Annual ultra grey, rather will-ribbed into emollient. Adantia sp. a
6-7-32 Celseia Cretacea L. Knott 368, Bas 335, BM 1061, Cot 623 Buda River, Mo. flat rock.
From Mrs. Kennedy from Sonora, Cal.; also from E. Flat Rock, Mo. upper part glandular but not at all only.
Stem 4.5 in. high, 4 in. basal lobes, flat. Plant hairy, with 4 fainter ridges from base to top, but he could not be called Desert.
Inner thin, weak, dense, all sterile, very broad, coriaceous, clasping, crenate tip. Bases similar, the lowest only slightly smaller than uppermost.
The upper bracts similar but progressively smaller, becoming long acuminate. Stipules 5 in. long. Bracts all longer than calyx. Calyx lobes cut, if: dentate, in the lowest 10-15 mm. Raceme both may be because large bracts. Petioles about 4 mm in. Stamens 8, the lower with filament glabrous (BM 1061 A, Be 6 do the contrary) the 2 upper with violet pubescence. Petals white, glabrous, valvate, strongly speculate, the largest more than 2 mm. with (i.e., almost than calyx, exactly like ill. Coetzee 1 sheet, Calyx x 20.
16-13-62 Flo 1 basal lot from same place. Dec and identification]
Rox 175, Costa II 373 = C. wiliannii var. Pritv P Verkleif Tut C VI. Band. Blumenf. Teix. No one mentions the striking effect flowers have which have stone
urns at edges of upper surf. This green

P 708
6-10-32 Rosa

R v. young [2]. Teix. Very sad. Av. R. argenteus var. (= R. argenteus Thwait.) Costa II 54. See Bar 163 and
Rox 32. Stems strong, broad based, downy; stems sparse, stems otherwise glabrous, v. wie. fl. 5-7
narrowed at base, stamens apex, stigmas, stamens glabrous, stigmas elongated, glabrous, lower stigmas glabrous;
lighter, clustered, with stalked red, recurved, recurved glandules; also the doubly serrate edges, deeper stipules v. bracts broad. Petals of flowers.

P 709
6-10-32 & Octilla's Vulneraria var. subsp. incisa Tucker (see 6-3-32) Fl v & f. Perf. here near to pollen paths down
toward place where found 6-10-32. Fr. 4 x 27 mm
S ant. 5 mm
6-10-32 Callisia flava 3 mm. Sts 3-4 erect, spreading none over 6 in long. Sts usually naked at the basal 2/3's length but meagree strongly because about 4/5's have a curved appearance of the tip length. Not enough flowers to determine if this form developed the palmately divided bracts look like this.

6-10-32 Convolvulus pentapetaloides. (See 5-6-32) Fl younger fr. Valledora Field at beginning of May up Teix (just beyond the large private estate). Peduncles with 2 minute bracts at about middle.

P 710
6-10-32 Linaria anguina. Death from pruna. Fl up Teix.

P 711
6-10-32 Galium Mollugo. See Centaurea Bing? (See Knut 419). See Bing 2 20-221, Courte 2, 481-9. Fl up Teix. St. smooth with prominent angle lightie colored line slightly longer than the upper 2/3's of the other otherwise smooth. Midrib prominent. Setae (see神色 at angles of setae) depression of 1/3 line 10 x 11 mm. Infla narrow compound panicles. Cotylar glands glandular, with many long reflexed tips. "A" Panicle narrow plant included leaves antlers yellow (obverse turning dark), eff. 1/4 in width & eye is dark yellowish. 1/2-3/4 Panicle narrower but with bracts larger.
more extended than "A." Antlers originally yellow more (flora later stages) mostly black. Effect on pencil to eye is diminished but cell b Colias 0.013 not unknown very nearly the same color.
Varieties in both AVB glabrous.

Specimen 56-19. 36 From Mr. Kennedy from Teix seems same as AVB Colias more even more yellow than AV. 7 see note under 6-25-32

F. 513
6-10-32

?; Latium rubrum L. var. calcinum Rosco (see 6-3-32) Fl. v. pineus f.s. Frequent in Teix. Not even minor men men (6-3-32).

6-10-32 Rhamnus luteae L. (see 4-7-32) Fl v
mesipis Teix frequent especially on pasturage. 
Periglott. Very thorny. Total kids 3-2205 in Tab. 3. Fl. 3mm. Left turning pedicel 2-3 celled (10mm cells) often empty. Calyx the sepals not all of the same size.

6-10-32 Delphinium staphisagria L. Kn 477. Box 17
Box 10, Cattle 51. Early at Veldeuna or up in Teix.
Pedicels 8 sometimes to 15mm. Open often 2 lobed at tip. Carpels young at fruit erect. Calyx very pale
Specimen of fundamentally scarce from montezas of the Vega had pedicels still longer.
6-10-32 longer and darker blue. In trout these
are pubescent about 10 mm vampe about 3 mm.

P 714
6-10-32 Crepis Triasi Mollis (6-23 5-23-32) Flo. 28
Teix Achene which are full grown 6 mm long x about
3 5 mm wide tapering gradually to tips. The greatest
white poppens with hair more than seen the
smallest about 3 mm long v poppens looking to eye
diff. smallest than achene. Fur on achene now range
the few sterile ones in the center solitary. Rib rough.
Poppens hardly as long as incastr streaks, ra little
longer.

P 715
6-10-32 Crepiflora
Fl. Teix on lower wood Spotted Pig. Red. Pos.
D. pierides Schulz. 1124. Die Cat. III 78. 8
5th Ill. 276 (which disagree at least to color
stigma) 5% mm long, yellowish with purple
markings. Stigma dingy purple. Filaments
inserted 3 mm. 1/2 base. and hairy (not
densely 20) below middle. Bracts as long as flo

P 716
6-10-32 Crepiflora
Fl. Teix malope about the incastrable umbilica
about 2.5 high as needed. This P. the Philipea
groups have streaks all much darker than Cott.
Sternly enwollen at base. Stem now 2½ in. above enwollen base, the tip being ½ in. with all the buds at top. Foliage in. overall, full deep cream color with no hint of green. Stipule same color. Flowers nearly 3½ in. long and plant has none of the slender effect of D. balcanica. Den Pan Kn.III Tab.XIV.

6-10-32 Lathyrus saxatilis Vis. No. E.W.K.

6-11-32 Lecia confusa (See 3-9-32) FL sent by Mrs. Kennedy from Valldemora. Corolla 3½ mm long, petals 2½ mm long. Very young plants def. rough, shaggy.

6-11-32 Stachylinadactylis Kn.III 507 = Stachelinea. Bar 272, Box 155, Cont. 1403 Seed from Miss. Kennedy from Hermitade Valldemora.

7-15

6-12-32 Stachygenmannet Keep Kn.III 339 Bar 367, Box 253, BT 836, Cont. 120 FL young seed from Miss. Kennedy from Valldemora. Haired seed 5½ weeks ago. Plant grayish with long white silky hairs. Calyx with 4 long hairs incident to mouth of petals somewhat long curved. Calyx teeth not markedly unequal.

7-19

6-13-32 Phleum italicum Kn.III 334 = P. Smith Bar 368 FL from Mrs. Kennedy from Platael Rey C. Valldemora. Shape as in above but plants easily
6-13-32 Easily distinguished as it is densely covered with yellowish nectar and Cadex tubularis, small, white, (not all present) prominent as in S. Slightly pink inside, round to somewhat more or less circular. Corolla as seen from genus, upper lip densely hairy mostly outside line, 3-nerved, 3 lobed at top, Densely white. Bar, mean by this large, broad, saguaro, "down blending of what is 3 x 1.5 cm of edge.

720


6-13-32 \textit{Thymus capitatus} H. B. Link. KIT 357, Bar 357 FV Tereno.

6-15-32 \textit{Aqva} Div. \\

ےکے 313, Bar 371, Bar 525, COT 155 FV. From Mrs. Kennedy from Torrente del Teix o. Valledana. Corolla purple. This is the 1st normal fl. seen by P.B.T. in Valldemar this many plants hither collected with few all stages with corolla abortive.
7215 EWR
6-15-32
To Mr. J. From Mrs. Kennedy. Torretta del Feix, Villahermosa.
"On the bottom of the valley but left the Villa de Conca at the point at which we left the car. On June 10, on both shores, small green plants, both in water, under a rock near water. Same plant as found Esther de la Costaneda. Very slender, almost the old branches making plant craek throughout."

This is per 53. "marum" forms "autumn" name, therapy from usual form explained by its growing in lower moist ground. 6-25-32 Old plant seen which forms a connecting link.

6-15-32 Clematis Flammula. L. No 323. 7, Gm. 4, BM 228, Cat. II 35. F. Bellv. Supplied in almost all stations in ride.

or M. - I, forme Magnoli. KnT 316 = M. Magnoli. St. M. Beun.
Bar 515, Cost III. 660 FL. From Mrs. Kennedy from Valledhu-
masa. Charming, white, alining valley drift
15 cm long.

6-16-32 Epilobium tetragonum. KnT 221, Bot 160,
Bar 105, BvN 107, Cost 77. From Mrs. Kennedy "tank on
Valleduma, Dega Rd. "Only m.t. sect. Stegma en
maza. Fl 6 mm unique, tepals slightly longer than
tepals. All leaves now 5 em.

6-16-32 Stachyline robusta (See 6-11-32) FL. From Mrs.
Kennedy from Néuicata, Valleduma. Plum taper to
antlers, visit (30x). Scale receptacle seen
with 33mm at base.

6-16-32 Triplium fragiferum. KnT 83, Bot 27
Bot 78, BvN 118, Cost 541 FL. From Mrs. Kennedy from
Valleduma. Calices already swelling in fruit
fly. Peduncle v. petite almost glabrous (Bar) (Cost
this entry.)

6-16-32 Mentha pulegium L. Kuf 360, Bar. 355, Bim 248, BN 360, BM 69 F. Cat. III 81, Fl. Sm. Paphia. Erect, 3 ft. high, with many branches, spreading, velvety upper stem middle. Ring glaucous at throat. Calyx 5, the alpetate, gill-form small, an anhmodiate to I dent. 1 to 2 mm. High, 4 x 2.5 cm. Leaf dentate, spine on handle smaller. Fl. which has a rather off. misty tooth because calyx once again as long as calyx. Pubescent on outside lots of limb deep, stamens still further exerted.

6-16-32 Dianthus albissima Samples BM 65 P448 = 2. glandulans Desf. Bar. 65. Fl. 69 F. Cat. la Veleta. One of the small petals involute forming part of flower. Thi is free of petals, pubescent, no 5 to 6 found on nfl. collected.

6-16-32 Ayuga Iva Schre. (see 6-15-32) Fl. Pit from La 
Villeta to Cemetery. bulky plant form. Colla yellow, bent
this is the form C. pseudovw. Rechemical. Rec. 371-2
- Rh. Latisi 133. Upper lip 3 colla truncate, venting
Colla rather pale yellow but largest lower lip colored in-
side, a dotted purple. Colla pubescent both sides,
with ring of hairs near base of tube inside. Fil-
ments, hairy. Anther cells when open make another
fort like small flat disk. Cdl. with Tenorium Cham-
acensis 9/6-15-32 fruit figuera.

6-16-32 Limaria lamiigera Del. Rutt. 376. Bar
899 P. La Villeta. [This is just 1 from Rutt's col. 6-
13-32 (== 668) with L. communata. Bench near
Establishments seen again without field. Field
starting up 72 x 6-16-32] in all alt. very alert
perfoliate. Lowest leaf to 8 X 2.5 cm dentate towards
base; uppermost less than 1 cm venting. Upper
lip of colla leaf shorter than lower lip. Both purple;
lower lip white with purple blotches at base. 
These blotches [not dots as in L. communata
6-13-32] always 4 irregular stripes. Colla
8 mm from top of pet. at other lip. 2 transformer
slender, acute. not much dilated at base is curved
(5 mm in straight line from base to tip). Petals
shorter than lip. Calyx tube not full acuminate.
not at all "serranopsis - novales" as canoe for L. Spuria.

6-16-32. Lupinopsis nudiflora Rich. KN. 211, Bar 375. Cattle Pasture. F. Pel. From La Vileta towards cemetery (at corner where red fry used to stand) I didn't know only because the sapling at 2 are thick woody branches not palmate (Bar. 375) or was this plant spreading on wire. It is considered there were other plants more as would be expected not F. Pel. because too easy to secure the branches. Fl. rosy and yellowish at all the lower some parts covered with short white, closely appressed, stellate, pointed hairs (but plant could not be called Canescens as is L. Canescens Kn. 131.) Bar. 375. Depos. 59.) Outside bracts broadest below middle, somewhat lateral, def. acute. Other bracts broader from middle to abruptly acute. Bracts widen 7-9 to tip the presence of the papilled hairs somewhat gives them a slightly ciliate effect. Similar lotion below leaf.


6-16-32. Allium rotundum L. var. ampeloprasum KN. 368. = A. ampeloprasum L. Bar 43798. See C.
6-16-32. E. campestris var. 1 Box 397. Cota III 83974 etc. Son Vida. "A". This is E. 5-13-32 which has since been commonly in fields on both sides of the river at 5-13-32 on the Old Road to Vdana. S. at 4 ft. in middle 2-1/2 head is globular, large (3 cm in diam.) very many florets, usually two to three, yellow, purple. Rose says color is yellow. Stamina as in (3-18-32) i.e. anther bearing point less than half the length of the rest of the filament. The 2 sterile points more than one. Opposing these another. Stamina well excised (the top of the broad part of filament plus plicated part excised) style about same length. These broad part of filament therefore is expected to have fascicled. The style is short, less than half excised, perhaps this was equally true. 3-18-32. Another form purple to orange as per usual.

Note: this does not agree with disc. E. campestris var. as given in Bona Cota. 1 nowhere on edge base.

8 3/4 in. 4 1/2 ft. length. Head less than globular, 1.5 cm diam. of only about 20 fls. Fly-paler so that of 2nd head is dingy suburbs. People on greenish sturtan half of 2nd pale showing plainly. But in all other respects this resembles "A". This too has been commonly seen in Balver have, often much taller with many more flowers and stalks. It can't tell if originally long pointed. Conclusion: "A" as in all the forms between seen up to date are the same.
6-16-32 Crucianella latifolia L. (See 5-17-32) Fls unripe. Dist 9-16 cm long. These are first species to justify 'Ipus his longus' (Crata) as those from Valdeimos region had been ±6 cm.

6-16-32 Astractylis cancellata L. Bu II 485, Bu 274, Bu 132, Cotta II 568. Fl. Son Rapiña. A very few ext. Fls (in this case studied) longer v. ligulata ventricula.

6-16-32 Lenzia Comifera DC. (See 3-9-32) Fl. Son Rapiña. Achenes a very dark bronze, def. rough, 4 mm long, fr. with a rim at apex, on the oblique. Raffaelli bright white, 25 mm long.

1724 (see 6-3-32)
6-17-32 Anthyllis Vulneraria L. var. Balearica
Locally from MacKenny from Pangスポヨ

# 725 A725

Estre del Son Gallart

P
6-17-32 Calceolus 727
From Mr. K. R.A. Vigone. "A" large branch. "B" small branch
6-19-32 Pelicaria odora Relk. (See 6-5-32) from terce.

6-18-32 Limoniastrum monopetalum rosea
Cote III 165, Box 36x. Fl Cult. Director, wall D, Fakir.
Term. Fl. seems to be 2 in each apiculate, the apiculate
being grouped in 3 or 4 at each node. JlfD. The
bi-lobed substanting group is broad in center to
oblique "ordre" with Cote). Each apiculate has 2, leaflet
the interior of which (upon which) almost to long apex
stiffly encloses the 2nd (as long v. young that 2nd
is hard to open up), the other 2, leaflet (present at least
in some cases) is almost as long broadly linear-
apiculate. Besides these there are subapiculate
which may sometimes take the place of leaflet,
but H.R.J cannot be sure that the number arrange-
ment permitted they do so and only do so. Same
would be true of 3, bright orange often elevating
equally represents base of filaments but not sure.
May have a faint but agreeable malarly fragrance.
Sings plant root easily in water.

6-18-32 Poinciana willisi torta ( = Cassalpina
Sepals (usually 3-4) large, light yellow-green, long.
Roots to 25x10 mm. pubescent outside values pla-
mented with stellata, stellata. Similar to those
mupper part of at. v. pedicels. Filaments 3-
in-long, ± 4 mm. put inside at base. Every plant.
ular and also densely covered with silvery non-calcareous hairs. Upt frequently had a few black dots on edge, with many
15. sometimes appearing pale green, the bracts
being irregularly, not, spaced (BM 1895).

6-18-32 Tenerium flavum L. Nutt 324, Bar. 374, Rob. 257, Cole 138 Fl. R. R. Tereno - known almost for the
stream way junction.

6-18-32 Umbilicus vulgaris, var. pseudoflores (in Gador)
Becles, genus found majoricensis. Kirke
Nutt. 45 - U. heterogonioides. DC. var. majoricensis. Barsel's
Bar. 134. Inff. only. Dormant fl. Ex tent. From
San Comuna. Valledemosa, with an index of the common
form for comparison. The plant - in question has the
floral at 6 to 8, many much taller. Flowers
gether than an in common form. Also flowers
slender, with all the leaf 5, sides, calyx
lobes rather two times with almost the leaf, bracts
more slender, 5 to a leaf. In about 1 of the plant
has not the cherry, poorly modeled look of the
common form. To try to compare. Note: best
plants is - in case, almost more than
pedicels - often nearly as long as the fls.

6-18-32 Anthyllis
Fl. From • Mustanga • Valletta • "La Beastra"
6-20-32 Cynanchum acutum. N. Knuth 293, Bar 310, Rom 212. Cate II 577. fl. Arenal. Tender, ephemeral, plentiful. Staminal tube cup-like with 5-rotate, star-shaped, acuminate, petals all with reaching, club-shaped, petaloid, teeth, the tube makes an angle of 45°, and a little below these teeth, on inside are 5 fine teeth. Slightly narrow, linear, their tips more or less cuneate.

6-20-32 Lactuca virosa L. Knuth 582, Bar 285, Rom 187, Cate II 235. Cate I 31. fl. Youth. Achene def. purple-black, roughened by transverse-wrinkles (those near summit sharpest) but could not be called hairy. summit. Edges seem thinner rather than thick (Cate I) and its zone dilated (not at all divided) set. 1 loc., strongly auriculate clasping, minutely-dilatate, not divided (except the uppermost which are lobed towards tip) erect. without green. Plant without ting. petals except what is inherent in the pronounced glaucousness of loc. Stray leaf with its longer than internodes, growing progressively smaller until they merge into the strongly auriculate clasping (but pros. some also tend to stand on edge or this may be due to fading in hot but not only a faint, indefinite). Milk very
Captions. Plant very like ill BV II. Note that this is some respects seems more like 1. Scapitata. and might be a very well undivided box except for the color of leaves.

6-20-32 Crucianella maritima 1. Kirk 475, Bar. 296, Box 14, Cote 125 BR Arenal.

6-20-32 Membranousium Crystallineum L. Kirk 447, Bar. 186, Box 112, BMCP 257, Cote 1722. Same place as 11-22-30, i.e. a berm on main way by high part of Cam Pasilla. In shallow crevices. Growing well along west wall
cracks in front of box in Ham route.


6-20-32 Ephedra frutescens Deaf. (See 5-7-32). F. Arenal. Beyond Ham terminus bears erecte. Densere (Cote)

6-20-32 Medicago sativa L. Bar. 114, Cote 1 522 etc. F. Cari Pasilla. Escape from fielda which now coming into. F.
6-20-32 Atriplex arenacea Woods. Kni. 429
= A. Crassifolia C.A. Mey Bar. 395, Box 267. Prod =
A. cabulata Rong (= A. arenacea Woods) But 391 b prod
= A. Tornabeni Tin (= A. Crassifolia C.A. Mey) Cato
III. 177. Expl. Can Pastilla. Acrel. This is the
widely distributed A. found along tram tracks in pro-
fusion by well known v. not the upright nearly A.
found at Acrel. not yet in fl (prob. Acrel. Stk 497)
shard (seem woody) and almost round (not fl)
as in A. rosea. 2x smaller than in A. rosea v. not
showing plainly as in A. rosea. Cutline for
much in fl. Bar 498. Stk 177. Much more deeply sinuate-
dentate, not libicill (Cato). Fl much as in fl. Bar
but with lateral lobes dentate (Diff. from fl)
Bar in that base middle lobe are usually with
apertures linear sides of usually as high as
side. Not tubercules or valves. One or more of
most glomerules connected by t.v., but most gym
without t.v.

6-20-32 Polyguson maritimum Will. Kni. 384, Bar
498, Box 356, Cato. III 574 Fl. Arenal-Can Pastilla.

732
6-20-32 Tritium junceum L. Kni. 337 = Agropyrum
— Beav. Bar, Box 370, 38 5 45, 5 3 44, 171, 497, Cato
6 65 Fl. Arenal-Can Pastilla.
6-20-32 *Juncus maritimus* lam. but I 360, Bae. 471
Bom 320, BH 490, 4 273, Cast. III 448 FL Arens. Torrente
just beyond tram terminus, with *Juncus cynan-
dulum*.

P 733

6-20-32 *Tepucrium palustre* var. *Palustre* (see 5-29-32)
FL Arens?

6-20-32 *Statica elatoides* (see 3-7-32) FL Arens. Com-
mon rocks, coast beyond tram end. In mostly with-
ering but slightly F 3-20 4-4-32. May be easily confused
by its reddish branches. Castlemall.

P 734

6-20-32 *Statica*

FL. With above valent as plentiful. Mire near to take. Some-
ness tetra. *S. duriumicans* e.g. but Cast. III. 16 5 96 not con-
elusive. Calyx tube is hairy into tube which is a of sun
before it begins to split. Sometimes after flowering; v
fladders but only 1 mm. diameter. But very inif of more
like ill F 5. *S. duriumicans* and same offices with only
one mericarpe. Not that ace to ex. *S. duriumicans*
so Ph. more frequent in Castlemall.
6-20-32 Atanasia Vescaria L. K. 17 473, A 886, BM # 265; Cast # 130 = Hypophila — Sibd. Bas. 65, Bon. n° 61 FL
Send by Mrs. Kennedy from Vallolonana (Valla de Son Brando)

P. 735
6-21-32 Philomisitalic (See 6-15-32) FL. From Mrs.
Kennedy "Plades Primi" C. Vallolonana

P. 736
6-21-32 Buxus balcarica L amb (See 5-19-32) D Apollo
Mrs. Kennedy from Fontanéllas C. Vallolonana "20 facets
thick slightly my friend" eff. — B. améthiste
6-23-32 Dttalion — See Note 6-25-32
737
6-23-32 Phalanum
FL. (Same as 11-17-32) Don Rupiñas very thick at one
place on wood at local house or near kids town. Pls B
an escape. Turtles of this year's growth sometimes
more with a few weeks thinner. Very often, seize a hole
at base, very slowly, in the base. Reference on its
vat. Army [?]. roots creeping. Style more or
thicker, culling at end and lower
in various galleries.

738
6-23-32 Lotus corniculatus L. var. semnifolius K. K II
96 = L. semnifolius K a. Bas. 130 = L. oennis K a. Bon. 87, Cast
5360 = L. oennis Walden # K BJV 131, D II 13917 figuring
B. By mat thele, in terraces, let Deary in Cornecos
V. Son Rapina. Plant with very few branches, hairy stipules, as have narrow and flat leaves 3-5 mm but more of lanceolate than linear. The lower ones are more or less blunt enough to be revolute. Effect not unlike Ill. Bot. Ill. Calyx teeth def. shorter than tube. Plant not more than 10 mm by any measurement. Calyx bell-shaped, turning orange. Effect new 15 x 15 mm. Many growing in ground but not much branching. White effect more effective than expected. F. convulvulaceus. Umbels usually 3-4 ft x 2. April 1935 in light memory, plant in Switzerland. O.K. still uncertain about this.

939

6-23-32. Erythrina Thesea. 613, Bas 313, Bot 213. Cote 175. = Centaurium. lencapraceum. Approxi. 100 ft. 349 fl. wih above. 5-21-26 cm high, with the angles shallow. Not left winged. Can't see that there are more strongly winged than the others above. Bas. Buds close together and not indistinct (as for F. Centaurium). Pods have usually pointed than upper ones (Cota). 8 x 10 mm wide. Both much wider than angle. F. pedicella: 34-30 195-5-32. St. much branched at middle but not flat. (Will 111) Pedicella about 1/2 as to 3 times more. Cordate tube 9-10 mm high (somewhat exceeding the calyx); corolla about 38 mm long. Upper and lower ones (Quaking 82) Cote 6 375 inches 7-10-31. Pods not seen. possibly F. Centaurium = F. umbellatum belt.

6-23-32 Tribulina testacea L. KnIT 188, Bar 93, Bon 62

6-23-32 Rhabdias antiquorum (see 5-31-32) P. Common in field south of Cathedral quarry. Not carefully studied but seems the one hitherto seen frequently before. Sp. not markedly zigzag but with many slightly upward inclined branches. 5 to 10-13 mm overall.

P 743

6-25-32 Aquaticus Alba L. KnIT 297, Bar 492, Bon 355
A/32, Crate 877, one in C. palustris Hulk 1111 1/36. A P. found along torrent, Cathedral quarry - San Rafael.
But note that far only 2 mm wide at sight of 0.1 (Kuhn studied 7-1-32) rolled to a thin cylinder. Tip might resemble one suggest a mowing machines. A. filiformis curl (Crate). But much like C. filiformis.

6-25-32 Cepaea rigida L. Perfor. Pallidum Clay
(see 5-19-32) P. dark blue. Common on rocks near 277.

P 741

6-25-32 ? Tobium fumum Tawash fama & Libia Knoll KnIT 412 = L. helveticum Rode Bar 290 Fl
v young P. dark blue. Conspicuous tufts in the rocks with climbing at 1/2 and large fanicle d. Or. yellow flowers (at least sometimes) than a mealy fragrance. Strong smooth fragrances, slightly enlarged just at inside of ho. Dotted.
very long; sometimes slightly concave in the edges with a short upward point or
paralelo; the petals entirely smooth. 1.5-
in width 2.8-10 on at, about 4 in the night.
2.5 cm long by 1.5-2.5 mm wide, longer
than internodes. Corolla 4 mm making
lobes sometimes acute or sometimes with a fin-
tipped tip (would be called "apiculata"
loose with those of a plant thought to be L.
nobilis). var. ciliatum Brace. The mid-set
hardly less conspicuous below than in 6.1-
but fills a less proportion of the whole 8 by.

6-25-32: Atalantia parvicapella forma anglicum
Kt 422 = A. parvicaule 1. Bas 22 2. 6948. Osa 22 6x3-
= A. anglicum Hale Box 142, Bot 22 2. Speck, Blau.
or on Albe Tube toward Esse, 12 in, 11, 12. Very
nearly like that (Cat). Young is "finement clair/épois" only with
out the brightest of the micro in Aquatnemum 194-12 3.20
6-25-32: Perremes conglomeratus Hale (See 6-16-32 F 2.
Koch Blau. In dif. Tape, tuber is white, green,
red.
Galium (note to be considered with 6-25-32)
A. Galium col. by Mrs. June 23, 1932 at De Cosa
Valleema was named by W.E. Poiretianum
Bull which kindly cites as a synonym of
P. novamexicana but it is really distinct. This
is the synonym is obviously a 1932 change of the
same plant. The same in my 1932 collection
23c is thought to be the same as her May 1932
specimen from Texas which B.B. has confirmed
fresh with her #711 v. #712 of June 10, 1932. This
and thought of this same plant as most comparable with
the above specimen. If this is the case then this note 7-18-32 makes this shrub
seem probably the same.

All this strongly suggests that #711 v. #712 maybe
a. Poiretianum Bull.
but may not apply to #742 which may likely
be the same.

P 744
6-25-82 Starling germanica. (See 12-6-82) Purpuring in. With above. Cold with pressed leaves. 6-12-82. Same the same. Note: Plant growing near the edge very intermixed with blue. (gray fog). Also that in all plants these vertical and distinct and often the lower one distant 6-7cm (slender 12V1, but Costa, Costa). Specimen not well odd to show back. Its still less the blue 6-10cm long. Filaments spotted purple towards base, the 2 partitions filaments very persistent below, the 2 outside ones only slightly persistent. Cordia almost white with purple details.

P 745
6-25-82 Erodium chamaredeoides 26. Knit. (See 6-6-82) 11 v. 5, 9. Blue blue with the blue edge just the white, 7cm long. In one place plant growing with little spikes. Like it
covered with cuscata.

P 746
6-25-32 Lonicera aquitillata Dulex (See 5-23-32) Fl. Brock Blau in Shambulaht rays reservoir.

P 747
6-25-32 Tenuecium Bolium 1 var majoricum. (See 5-29-32) Fl. Brock Blau. Clipping upper enhancement path. This is almost surely the form cut from long calyx kent 317, var. Calycium Hill. Bol 376. St. 5-6 inches with short pub. Fractured hairy, no gray-green with similar pub, elongated 25-30 mm. overall, narrowly oblanceolate, the bud 4.5 mm. near tip. Edges entire or the slightest bit serrate at tip. Resembls but not all his the veiny underside of Calyx tube 4 mm. petals 3 mm. Deep rose with long kest. Slight before opened has a pleated, ring to it. Petals. The olf of open wider rose-pale. (Bol. majoricum)

P 748
6-25-32 Silene mollissima Pers. (See 6-3-32) Fl. Magenta. Petals white, tinged slightly green beneath. Calyx not exerted. (See 5-29-32). Calyx 2.5 mm. petals exerted about 1 cm further. Stamens longer exerted. Plant myrtle like. 5 Cotes.
6-25-32 Knautia integrifolia. var. angustifolia. Barak. Kei II 438 = K. hybrida. Cult. Bar 579, Box 147. Coire II 275. Fl. vermej. A. Valley just above Loch Bheinn. Iromum hypotenae deeply parted. the base one is rather comely crenate, to the ultra-sarracenteria. Calicule pointed distinctly at short very broad limb, growing up to that point the ridge downward (fig. 7) faces which would make it "not heterone." Calyx lobes between thick edge with many (non-purple) teeth. The stiff, downy, bristled hairs at base. (See Box) are very definite. Ped. with straight hairs (150x) of various lengths, some tipped with black glandularizable with very short down-arched hairs. St. branched from near base. Conception: not 2.5. Gynoecium, one only had the 3 pairs flowers in divided风格 like all Coire with 2 pairs of small ones below the terminal 2fig.

6-25-32 Veronica anagalliol (see 5-13-32). Fl. vermej. A. Brook just above Loch Bheinn. Seedling (16mm) 0 very many, oval, flattened on one side. Petioles sometimes with more few gland-tipped hairs. Style 3mm. aa (5-13-32)

6-25-32 Rosa
Felade f., with above. Very like RA 6-10-32 pot thorns but different in that petals like have the same gland type but no vestigial, scales on the inside appear with a few glands, stamens and glabrous (in full flower all show but later cannot be overlooked), petals a light pink.

6-25-32 Bergamaliana aquatica L. as succulata (see 8-8-32). Early fl. indicia. Cola green, purple. 
No filaments. Basaltiformic ranch glabrous.

6-25-32 Ballota marina L. ex Ti. 337, Bo. 376, 4701, Cote d' I. 122 = O. florida bar. 368, Bar 234 P. Arech. Blan.

P 75D
6-25-32 Helianthus italic L. (See 6-13-32) P. Arech. Blan

6-25-32 edges. Achenes 6 mm. each. 6-25-32 A. vulgaris. Achenes 6 mm. each. 6-25-32 P. vulgaris. Achenes 6 mm. each.

6-25-32 Prunella vulgaris. Achenes 6 mm. each. 6-25-32 P. vulgaris. Achenes 6 mm. each. 6-25-32 P. vulgaris. Achenes 6 mm. each.


6-25-32 Samolus Valerandi. Achenes 6 mm. each. 6-25-32 S. Valerandi. Achenes 6 mm. each. 6-25-32 S. Valerandi. Achenes 6 mm. each.

6-25-32 Micromeria bynea var. Rodriguezii forma filiformis. Achenes 6 mm. each. 6-25-32 M. bynea var. Rodriguezii forma filiformis. Achenes 6 mm. each.

6-25-32 A. italicum L. Achenes 2 mm. each. 6-25-32 A. italicum L. Achenes 2 mm. each. 6-25-32 A. italicum L. Achenes 2 mm. each.

6-25-32 A. italicum L. Achenes 2 mm. each. 6-25-32 A. italicum L. Achenes 2 mm. each. 6-25-32 A. italicum L. Achenes 2 mm. each.
In calls this form Linnaeiicum so it must differ somewhat from the one. See v. Cotta. But the Abson variance is what respects.


6-25-32 Annonas antiquaeum 1. (See 6-21-32) Fl. Field abov. rock Blau. [See also 6-28-32] Very common. This is the neighborhood of Anwett.x quoted by v. Cotta 572] of White 6-23-32. Seems the same except that today has rather larger flo (15 mm. overall) and thorns more often in 20.


6-25-32 *Agrostis alba* L., var. verticillata (see 5-17-32) Fl. Field just above Orch. Blum.

6-25-32 *Helena canadensis*. Cote III 303, Bar 498, Bar 360, BNH 542, M 137, Cote III 600 = Notblesus = Nash BNP 115. Fl. Field just above Orch. Blum.

6-25-32 *Melica canadensis* All (see 6-6-32) Fl. Orch. Blum.

6-25-32 *Dactylis holocophora*. Cote III 341, Bar 472, Bar 325, BNH 501, Cote III 473 Fl. Orch. Blum v. short just above. Plants ranging from 21 to 34", says to him some traveled to 41" Stock 5" in high with woolly head 3" medium.

P 758

6-25-32? *Equinicum arvense*. Cote III 372, Bar 382, BNH 574, P 52, Cote III 712. Sterile at 1st just above. orch. Blum with *Anagallis tenella*. Branches 1/2" wide. 6 cm sess. 5 cm tall. Right question only because just not seen vs because not needed by Navis.

P A 254

6-25-32 *Equinicum remuscinum*. Decf. Cote III 266

Sec. Cote III 714 and see E. remuscinum Sel Bar 578, Bar 389.

Sp. Wittatton = St. slender, to 30 cm, Weeds
except on branches within 3 cm of base.
This is strongly suggestive of E. coerulea sensu
Prinz E. rambouski DC. Cat. III 1714. Sleeth's Char
fitting except towards tip of sheath little
flaring, 4 mm long without the filament of 1.5
mm, which are usually taken off. Central
cavity small. Heads of long 8-12 mm X 3-4 mm, apical
late. Sheath-teeth white edges rounded. Had on 10-20 v in sinuoso.

P 755?

6-28-82 Equisetum samaraceum Defn. Cat. III 286. Very small. Some at my friend's lab. 2.5
less abundant than A. 70 cm long. 20 branches at base
4t about 2.5 ft. 2-3 short branches about the
middle of the 4 t. Sheath similar to A in fitting,
10 mm long without the filament of 2.5 mm long
Filament B. Teeth black with white edges. Central
 cavity large exactly like ill B. E. samaraceum Defn.
(Cat. III). Heads of long 10 x 3 mm, apical late. 2 seeds
10-20 v 12-3-30. A little much more like this than
like A. 7

6-35-82 Phalaris bulbosa L. forma caerulea
Cat. 290 = P. bulbosa Cat. Bar 485 = P. caerulea sensu
Defn. Cat. III 285-13. Frequent in fields from
rumpen of Kneb's plant to the first gate. oftwith form
not sure. 6-28-32 at work with Anagallis valves
with specimen B. 16-28-32 and find just the
differences.
6-25-32 differences noted by Cota, especially much broader, more subtate mrg, the glabrous lemma of very small scales.

756

6-25-32 Gymnogramma lepota phylla Decr. (See 5-7-32) Sp. locel Plan. An enchson one climbs down into trees from east end of bridge.

756A (specimen returned to Dusk 9-11-32)

6-36-32 Allium aphaerocephalum DC. Nov. 374, B. B. Br. 378, Br. 483. Cate. IV 334 F. From Mount, from Voldemaa, built about 1 cm diam, 1 bulbous at junction, bulb 19 cm high, 3 fls. middle (flathedral), below 8 cm, the bulb cutaneous. When partly dry are "semi-cylindrical" (Cate. IV 3 mm x 2 cm) with the fine tip of inflorescent reaching almost to top of fl. 8 fl.

Round, dark green, with 2 mm. elegant blue; the micromorph (20X) is covered with minute white dots. In very dry to arid original color.

Head of st. 3/4 cm. diam. Perianth 5 mm high; the inner segs. slightly longer than the outer, flattened acroset. Outer segs. a strong purplish green, outer segs. slightly longer than the inner, on edges 1 mm. or the greenish stipuliferous center. Stamens well exerted.

Inner stamens have filaments 4 mm
Long to point of division, the middle (antlers bearing) tooth blunt, about 4 mm (or slightly less), the 2 lateral teeth slightly longer than the middle one, but hardly, if at all. 2 teeth at the purple antlers.
Pedicles at least as long as HS, slightly thickening towards top (Costa). Central, stem present. The entire not still in bud, white with short pedicles. Spathe persistent, short (probably 1 cm), now split into about 3 equal triangular parts (Bol and Costa any 2 values). Cramer 6 feet sold (not cut to 3 feet). Values vary somewhat, prolonged and with 2 round leaflets. Helix 2 cm, each cell 1 mm (or 1 mm), long, seen large. Style recalled from race I vary 1 to shorter than stems, mucron obovate long.

6-28-32 Vicia leucocarpa Moore, var. pubescens Brown (see 5-5-32) Fl. white, blue along uppers, extensive leaf. Pod pubescent. Seeds 4, globular, 2-3½ mm, brown, blackish with purple or black spots.

6-28-32 Linum angustifolium Hook. (see 4-18-32) Fl. pale. Field blue, blue-blue. Adnate. Capsule 3½ mm; seeds 3+ mm long, without black. Bol with minimum 1. 4-10-32
6-28-33 and 5-2-33 when capsules 7 mm, diam. 7 seeds 5 mm long, chapel in all Cote.
6-28-32 Linaria triphylla Will. Knt 499. Bus. 344, Bus. 238, Cate II 28 F. Cuba in playground garden of house. Tiny plants 6 cm high, with 12 mm blue. 1 mm broad calyx, 8 mm long, irregularly glaucous, hairless. Stem 3 cm. Usually 19 mm long, 2 mm across. Flowers collected with Leg. 3 cm. Slightly elongated (2.7 mm) on edges. Sepals 3 mm. Remembered in larger plants seen frequently. Flowers 25 mm high, 12 mm wide, 5 mm long. Calyx crenate-crenulate. Flowers white, with palate of bright yellow, purplish. Flowers with 3 lines of blue, the inside one bright yellow, the outer 2 white, except at tip of palate. Leaves show no sign of being winged.

6-28-32 Linaria compacta Benth. (sea 5-13-32) for lent, upper entrance, for cold. Blue, 7 ft. with crenulate, radicans (Cate)

6-28-32 Cephalaria rigida Schrad. (Glycanaea)
early bud in very old P. Barrancos de Belles. Seen
also in bud on cliff by upper entrance path to look
Blanc [seen only cy. 6.3-32 Pujiker-Vega image]

Bar 104 Fl. Western part of Pura. Cuba. Common. Easily
distinguished from the D. matrix found Port-P. etc.
by the yellow (almost circular) leaf tip with crinkled (or
curly) edges. Note: differences Bar mistait I, 3 are not
shown here. Peduncles have a station about about
2 mm, and pedicels appear flattened exactly half
of the leaf. 5 is the extending upper flo. 1-fld. star.
The "poil ordinaires" described from Cuba on
Calypx. 100. 2f. Al is like that of some curly calyx
across the garden.

P 755
6-28-32 Silene mollissima Pers. (see 6-8-32) Fl.
Barrancos de Belles.

Bar = P. mesta L. Bar 341, Cottu 1535 Fl. Presumably
upper end near Blau. 7 ft high, drift 13 cm x 2 cm
at base.
6-28-82 base. Wing glumes very narrow, and only
annually dentilicate (20X). Lemmas
are scale fully 1/2 as long as lemma. This seems
to make identification of these Barrels hard to express
forms recurrent in this place. lmm to 1.6 mm wide
Pedicels 2 mm long; spikelets 6 mm long; lemma
more than 1/2 the length of glumes.

P 757

6-28-82 Cyperus longus L. forma badica. Mt. 2350
at upper end 1 inch. Blan. Portoko thick, wavy creeping
as I (Cote) but no odor. Cote to be noticed. To 6-10
Anchient, 1 longer than 1 cm which reaches to about its
middle (Bar says 1.5 cm to the middle). Barlets usually
4, portoko 1 inch. 4 mm longer. The others 3-4
usually much longer than 1 mph (being longer than
the other 2 to 2.5 cm or more). No barred def look nearly
edges which form the tip. Spikes of the Bar 41 inch
are elongated 2.5 cm, the rest so short that other
species hold almost so. Spikelets 1 cm long. Barlets
Mottled, the bright green and white (perhaps
with red foliage, the bright green with more white, perhaps
with red foliage)

6-28-82 Epilobium lanatum. Mt. 231, Bar 160, Bar
14, Bar 156, Y 59, E 548, Cote II 77 FL. In broadleaf
upper end 1 inch. Blan.
6-24-32. Viburnum Tinus. L. Ku T. 439. Bar 217, Bar 137. BMCP 719. Cont. T. 231. A'B. A'. DISK PLAN. Small flowers. 2000 [are 6-28-32]. Young shoots pubescent with slightly downy hairs. Inner young shoots much larger than expected to 6 x 2½ in ½ ¼. A shorter smaller 2½ x 1½ in. Very young leaves show the dark dots in the pubescent sometimes indurate of ½. 2½ - 3½. Infloescence expected to be all [bare] for now; 1 cm small purple, only teeth prominent. The reason for ½) is that ½) in cross section shows a more nearly pointed rather than the normal blunt. The skin adhered to the stem, seeming to be a surface line. The plant in ½) the explanation must be that the long portion of stem is now softened to cut easily and adhered to the skin (no pulp between). So that this complete only is made up of ½) phyllodes.


6-28-32 Buellia platycarpa Sprent. Bar. 46 1832, Field of Cuba. (Fl. Cuba. Plant 2½ cm. tall.)

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6-28-32 Buellia platycarpa Sprent. Bar. 46 1832, Field of Cuba. (Fl. Cuba. Plant 2½ cm. tall.)
6-28-32 Rammellera asteroides Chanty (See 6-6-32) Flop. First bloom towards S. Almost surely at Acmeellites. Same color as 6-6-32 but seeds now more as 4 x 3 mm v less flat. Flo about 1 cm wide but as sepals have all fallen don't know their relative length to petals. PLinthy. Possibly R. pumilio s. R. florians.

6-28-32 Pulicaria odorosa Relb (See 6-5-32) FL. Fruit divided at mid-end of Pla de Cuta. This house "ll'Alfere" at the upper end of Barrancode de Solles.

6-28-32 Anagyris foetida. Luci. 56, Bar. 108, Box. 67. Cat. 290. Kimya s. Barrancode de Solles. Pods for 8 fully sized 10 cm long, sometimes shaped will (Cat.) with only 1 sec developed, sometimes with more to 3) seeds in lance, more nearly linear. Seeds 2-3 mm x 1.5 mm x thick, elongated and not "en rein" (Cat.)

6-28-32 Cerista cinerea DC (See 6-18-32) Kump. Bar Barrancode de Solles abro. Pod 20 x 5 mm with scale marked off, lump. "Kump" (Cat. Congo: 5-10 mm long as Ps. aricilla"

P 962
6-28-32 Crepis Triarhii Millis. (See 5-23-32) F. Morch Blan.
6-28-32 Semprevivum vernaliculae l. Bar 70, Costa T 408. RV 1; l. Cucha in field east of house. Tiny plants not more than 4 cm over all. Different from any seen before in that fr is often entirely without tubercles; sometimes with a few low, obtuse tubercles on back. Fr varius an alpe from Ross J 99. Hill S. eclecta l. to more nearly like Ross' Hill S. umbilicata. Note that up to date P.B. has never seen any surface fr was spiny on the inside. This S. umbilicata is said to be most common in Wallace. Seeds 4 mm long, non attenuate aux deux bouts. "Cat.

6-29-32 Gerneglossa glauca l. RV 1 358, Bar 379, Bar 48. RV 1 358, Bar 379, Bar 48. RV 1. From Mrs. Kennedy from Valdemar.

764
6-30-32 Potentilla caulescens var. genuina Thunf. (See 5-15-32) Early fl. From Mrs. Kennedy from Puget Sound.

7-4-32 Pancratium maritimum l. RV 1 358, Bar 452, RV 1 358, Bar 452, RV 1 358, Bar 452. From Mrs. Kennedy from Campbel U. near Audraitx.

Panther cells prolonged in depth but not "enlarged elliptically." Base of filament pubescent. Corolla veins range inside and persistent on the stamens which run to sinus of flower lips. Almost surely T. but possibly another species not given in B.M. C.P. History off until that of Tecomaria capensis from being familiar.

Another is noted that "this is the only tree in Maltese"

7-5-32 Lavatera fremontii All. in T. 179, Bar. 58, Bar. 56, Cot 238. Fl. young A. By Rinn. et Com. B. Rinn. Bonanza. The plant easy to lose from its softness of callicula. Strong stem to touch, from maturity, too softly putatively beneath but not truly on upper surface.

7-5-32 Liguustrum
Fl. Tree of Hidalgo Canal Diller. (See 3-19-30). Young branchy; not very broad, 2-9-35 but often somewhat irregular at base and always rattled. Cartilage on callicula. Ribs on callicula, stamens exerted. Corolla tube deep, 0.1 inches long. Fl. about 7 inches (seemingly) resobil. All petals oblong. In B. M. C. P. 593-4 the blade acuminate by 1/2, acuminate with, japonicenum Thumb. Tree was surely 10 ft. high, just 6 ft higher.

764 A
7-5-32 Micromeria, Rodriquezii, Fresez. Col. by Mrs. Kennedy in Bellved and identified for her by Ken.
7-9-32 Chondrella juncella. Kn I 530; Bar 383. Box 156. Q 864. Cote II 427 Fly A. Bellover in well around castle.

7-11-32 Reseda luteola. Kn I 38; Bar 55; Box 38; Bore 53. G 439. Cote I 161 P. Porto Pi. Frequent where path passes between sea quarries west of fort. This plant is of the old quarries found 1-22-31. Dept San Rafaela.


7-11-32 Portulaca oleracea. Kn I 448; Bar 178; Box 107. G 387. Cote II 75; Fly A. Porto Pi.

7-12-32 *Erythraea pulchella* Frey (See 4-30-32) Porto-Ri.

7-13-32 *Peganum Harmala* L. (See 5-13-32) Porto-Ri.


7-14-32 Linaria sparsa Will Kn II 375, Bar 339, B. 282
B.H. 341, G. 920, Catt. III, 7-5. Field above house at divide on
Poluca-Seller Rd, plants seen lower down towards Sellar.
Plant very like. L. tenuis, deep but many lower leaves
op. and all leaves entire. But no confusion with L. tenuis as this has calyx
lip broad-based (almost
quite heart-shaped). Corolla with upper lip dark
brown-purple in lobes; lower lip deep yellow with
no spot or paler spot but sometimes the lobes
smooth with brown-purple. Filaments with
few long hairs.

7-14-32 Festucula elatior subsp. arundinacea
Hass. var. jenai Hass. Kn I 322 = F. tenuis var. Catt. III
630. See F. arundinacea Sel. Bar 591 w. inter-
Branched erect v. appressed against 1st sapling
very narrow v. petals like. Flowering grain
purple.

7-14-32 Trifolium fragiferum L. Kn II 83, Bar 127.

7-14-32 Citium maritimum Dc. Kn II 492, Bar 366

7-14-32 Hippophaespira balearica Wulf. (See 6-16-32) Fr. Coll de Soller. (Leaves catch flower.)

7-14-32 Euphorbium tetragonum. l. (See 6-16-32) Fr. Coll de Soller frequent along road side.

7-14-32 Strutha ciliata. l. (See 6-16-32) Fr. North side of Coll de Soller. 

7-14-32 Festuca Myuros. l. Bot. 531, 534, 537, 555, 416. = F. pseudomyuros Soy. Will. l. Bot. 545 = Vulpia myuros l. Bot. 506 = V. myuros l. Cate. 1330. Fr. North side of Coll de Soller. - Soller. Puff 14 cm long. 1 st glume 1.5 mm; 2 nd glume 1.5 mm (4) by alternate thin lanced lemma; lemma 0.4 mm with 2-3 times as long attenuate toward tip (4) and sometimes

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7-14-32 elate with a few long fine hairs near tips. Tip entire. Dorsal very papillose. Setae smooth.

7-14-32 Jennes articularis var. acetiflorus
   Ch. 362 - F. silvatica Rob. Bar. 471, Bar. 321, Bar. 474, U. III 368 (Coste III 452 Fl.). Indicated at foot of south side of Colbe Colle. Recent fusiform acetae, the inner equal to a longer than the outer. Buthe
   1 mm (2 times as long as filamento)

7-14-32 Galium parinense. forma anglicum (see 6-25-32) FJ. Colbe Colle.

768

7-14-32 ? Epilobium latifolium Sm. (see 6-25-32) FJ. Colbe Colle with trinacia spurius. Rd down to Colle.

769 (Specimen to be sent 9-11-32)
7-25-32 Lasiorhynchium gallicum C. Back (see 6-14-32) FJ. Tinu Mayo. Colony just above 2nd spring. Brown, 1 cm high, with undulate wings well developed on the exterior membrane but the interior membrane only slightly (if at all) winged. The margins of wings hardly broader than the local ones. Ultimate segments 0.2 mm wide.
7-20-33 Primulinella Tragium Villar balsamica

Bar. 397, Bar. 132, C1. T. 251 Ft. Witham. Exactly as ill
Kn.

7-20-32 Apelamium Ruta-muraria. (See 6-3-32)
Soci. Puig Maapo Afflabor. *E* only in one place
across on rocks a bit to the right of place where path joins
cliff. Note: Fronds only 1 foot once (as remembered
this has been true) all specimens in Vallada
8 segments irregularly bit deflected above middle

197, C1. T. 369 Ft. Recantore. Same as 6-10-32 as Teix and
6-28-32 Cuba as well as 5-18-32 near Olden Pera.

7-26-32 Silene acaulis Web. Kn. T. 883, Bar. 443, Bar. 382,
C1. T. 306 Ft. T. Witham. This is "forma bellaired" 
Flowers red are def. W. when open are more brown
red pinks than green.

7-20-32 Silene Cusubalae Web. Kn. T. 463, Bar. 65 = S.

inflata am. Bar. 55, Bar. 49, C1. T. 152 = 5 lat flae

7-20-32 Tenerium Polium L. var. majoricum (see 6-25-32). F. Puig Mayor. Cliffs on south side, 3rd of April. Same as 6-25-32 with long calyx and shorter F. slimmer, purplish.


7-20-32 Epilobaria rigida Schrad var. tascarica Knuth (see 6-28-32) Bals. Cliffs on south side, 3rd of April. F. Puig Mayor. Frequent.
7-20-32 Euphorbia pithyusa cv. KII 149, Ræ 414, Bar 279, Cæta III 239 Fl Vf R2 Veluws Bonasa.

2. The form commonly seen with local soft

3. Not the same except that leaves 10 mm.

4. Fl. Cliff top halo 2nd Spring on

Puig Mayu. Eemenaamik (6-20-32)

9-20-32 ? Italian firmum Tanaka flax laevia

Inside (See 6-20-32 Fl. Cliff top halo 2nd Spring on

Puig Mayu. Eemenaamik (6-20-32)

7-36-32 Euphorbia platyphylla L. cv. pithyusa


Plateau above belo bridge on Establements - Puig

Augment P1. Sannea 5-13-32 and Pf. Sannea

30 7-30. Top to 3 fl, 1-3, 4-5 fl. Etival and 13 5-13-32. Pot

would be fr. annul. Presence elongate hairs ob-

vous in inf. Blinds pale yellow green. Capsule

3 mm long. skalantry firm and veined covered

with elongated tubercles. Seed grain smooth

2+ mm long with flattened caruncle. 17. 8.
7-26-32 Cannot tell if "autopubescence" to mean E. pubescens, def. Vahl. Vald. Cat. 141. p. 281. (See E. pubescens def. Bar. 413, Bar. 280) but plant appears a good deal like E. platypappula.

7-26-32 Chlorophila sinuata, just. Bar. 145, Cat. 141 p. 243. = Creton linearis, hald. Bar. 420, Bar. 288, Bar. 428, Bar. 289, Bar. 429, Bar. 289. Field along same whole.g. riverbank. Note that leaf has only 10 - framed ov. styles and not Cate (made like?) stipes are shapely. style are caducous. Can't find the "3 incrases all" (Bar) in the leaf. Pubescence strong for with petalate scales as well as trichomes.


7-26-32 Linaria Communis. (See 5-13-32) Fl. fl. Establinments, same spot as 5-13-32. Field road from me. and G. down to Son. Well beyond the field, drainage place, and just beyond a small drain. St. John's Bread tree, white headed. Leaf with lamina in flat same spot. 1. comm. to. more delicate, its floras ground, pedicell
filiform vearly brone. Often longer than br.
2 Lamiger has pedicles not filiform not longer
than brs and always glab 2 puncent like
other parts of plant. 1. Commutata has a
grayish sligplesk less than 1. Lamiger. 1. Commutata
has edelav tinge d yellow exmainok when told
as dec 5-13-32 Both species have appendicating
1. commutata has seeds def. tuberculate 2 seeds
2. lamigerus not def. encample 6 of.

7-26-32 Carlina lanata L. Kir. 484, Bar 573, Box 18-2
Cate 567 Fl. Establishments. Plants varying from ½ in. to
simple to 12½ in. banded. Each has sometimes
bight rosy purple but still much dullest pale.

7-26-32 Typhla angustata Daus. Chamber. Kir. 528
See T. angustata L. Bar 467, Box 315, Box 434,
467, Cate 439. Lamiger. 2. On stream just after
bridge on Establishments. Springing head BR. Daus.
Whet her is light for melt the dec 14 angustata must
should be considered, tho they seem to fit. 1 ceps 8
mm wide, dit. Convex on back, vsomewhat concave on
front, ceps 12.5 cm long x 15 cm slightly thicker
reddish brown. Stigmas linear (Cate 2) and each
fl. subtended by a hair like bract (only a slight abiotic
than stigmas). Stalks at tip (Cate 2). Above papillae
axis is 2.5 cm is smooth. Since then comes
the base of papillae now broken (P). These remain so
written.
7-26-32 interested in lion characterized but the apple had a small tract (same texture as lettuce) etc.

7-26-32 *Cupra* Chamooajity Schurt. (see 5-13-32) Fru fr. Fetal character - Son grail rid through fields just beyond little drainage depression

7-26-32 *Pulicaria lympenthica* Lauter & RAF. II 466, Bar 254, Cont. II 315. *Duida* - L. Bon. 171, RAF. II 2/43 El River bet. Fetal - *Pungua*idget bridge & greenery. Bushy with spreading branches, quite unlike the true *Duida* Reef. Some somewhat long incurved upper surface by enlarged base globes (see Bar)

7-30-32 *Dendro* Rodriguezii Mill. II 480, Bar 3/12 El & Cela Raya, light house. One plant only found this light house keeper said they were to be found in April or point. Plant 18 cm long, acaulis. from base. Not "Triscers" to eye. Cultivars (perhaps because not fully maturing?) not to mention "Biquela" pale greenish (not true). Central florets somewhat darker until 5 mm high.

780

781
7-30-32 Pulicaia dysenterica Lactin. (See 7-26-32) With leaf abundant.

782
7-30-32 Ranunculus sardonicus Rank. (See 6-6-32) Fl. 1st. With leaf. One plant only found. Plant very sparsly baring. Petaloalbum varies as long as sepals.


7-30-32 D. F. in LVA Pool A. Roadside in Montuur region. F. intactable.

7-30-32 Ricoldia argetum Morris Nutt. 251, Bar 576, Cota I.205, A. 1. Bar 326. F. from West of Alghaida. Many filaments yellow with this article. 1. Suggesting F. semidecumbent in certain details but overall has quite different habit growth. Plants 8-18 cm high. Bushy with spreading ascending branches. F. is much taller. Less bushy. More phyto than F. without flowering time. Bruno yellow. A very angular rose pedicel (i.e., bare for a long distance at base) and upper leaves bear realize (not merely an elongated sheath with a few slight filiform appendages as in F.). Petals are definite. Stigma ventrally inclined exactly as ill (Cota) (F. has tip petals longer ventrally-true). F. 2 mm high, slightly compressed laterally, more nearly cylindrical than ill (Cota). Micropyle smooth. The seed vs. Vs. rib brown, filiform, alining plainly (20X).
visible. Mexican, somewhat concave inside. Cross section not as in F. and still less as in Anthericum grandiflorum (Costa 178) the rib not being at all salient. Note: see Costa of the very inadequate. Identity queried only because I generally identify it as a family because medicus. Barrow has been in the preserving Pellia in this region. Note: note 245 says Anthericum grandiflorum "couvre les champs" at about this place. Can it be referring to this species? 1924. 13. *anthericum grandiflorum* suggesting F. but not so strongly lonicera-like (Costa 137, "plant non-aromatic et" Bar 576, "râtu aromatique") this reveals mind a plant (par) 2-3 in long. found 1-28-32 in pelargonium just north of the with? Rupina teatulata not put in mind because thought to be a more specimen if it may have been this.


7-30-32 Mentha aquatica L. mill 359, Bar 355, Box 248 Box 359, 9/10. Costa 80 Fl. with Anthemis Cota L. Heals
7-30-32 Hedera ½ in. thick, not nearly as large an effect as 17. (Cato) no as remembered. In 1931 (10-27) 12/26, glomerules at some distance below the terminal one. (H. M. Robertson) 1c. collected Oct 17. Anther bore a face of purplish color. Half blotter more mint-like but not strongly so.


= D. — all BNH 264, 200

7-30-32? Dacurus gummiferum Lam Bar 191. Box 124 BNH 209, Cato 151. On valley fr. Lighthouse Cape Pogna. Frequent in rocks by old buildings on free inland shore. Plant from 6-10 in. long. Flattish, valvate glabrescent the lower one stalked. Flowering umbels ½ in. or less, sometimes flat or convex, but more often next-like. Spines on br are so complemental that the ribs look more like a deeply dentate netted wing. Spines sometimes not developed on the main side. This is evidently included in D. Canis 1. subsp. gummiferum II 254. See also D. dentatus Pers v. D. scutellus Ten. Box 124. Cato 615. Fls. 2, medium. 15 brown. Borne end of spine. Color of sometimes purple. Heads Gemmuloid are very dense frequently dentate, linear.
7-30-32 Pteropus maintenus L. forma
Compactus Km I 341, — var Compactus Pekh
Bar 499, C. See S. — l. Km 526, B. 502, C. 1781072
Young fr. Cala Patgala Kittist at 12Mr north village or
more likely at beach. Fossy more than 6mm. Spikelet
10-14 mm. Seed (a. 18) more or less lacerate at top.
Stamenen stubbly at base, the staminal runner
which extends from the smooth (no calyx)

784
7-30-32 ? Silene scabrida Poir. Km I 466, Bar 69.
Com 48, C. 1781074 Fr. Cala Patgala bed. Light house v. beach.
Patgala beach or insect village near alone. Not
col. spec. ming village. Per indubitably a s.
and very little (Bar & C. 178) Plant 3 inches high
with handles from base, making a bushy effect.
Branchies bear flat throughout about three length
at almost regular intervals 8-8mm so that
flowers come to be at Pediado alinade 5mm long.
Calyx 8-6 mm high, stamen of same with reddling
at tip of panel capsule.

785
7-30-32 ? Statice lycbnumifolia Biz. Km II 292, Bar
885, C. 1781075 Fr. Cala Patgala. Light house, pat.
and Indoline, brown, very offcne v. almost equal length.
Calyx lobes very loose flax, not splitting or becoming
cents singing, and never at reddling to tips.
Spikelet 4 in mm long. Spikes 10 mm or less long
7-30-32 long and notar denari as Coote seems to suggest. Calyx tube def. pubescent. 30-33 mm. wide and petals peewee at base. Grows peep up slightly viscosa.

786


787

8-3-32 Trifolium
Fl. fr. Calkinfields bet. Palma and Arenal. Stems col. from field in. 18, Calkin Palma or Arenal. Seems not to be in Bar or Coote. Best guess is T. alexandrinum L. BM & P. 405. Character (after blooming) from sturdy hiprose. Stems 6-18 fine palisades) high, 30-60 glabrous, but with appendages, upper spiny whitish hairs. Lfts pubescent, strong (3/4 in) thick and palisades or strongly dentate and villosat. Lfts small, the upper pair apparently 10. Stipules tiny, whitish, white green, ending in long wrapped ambulate tiliat point. Heads remind Lamps. handles with pubescence 1/4 in long. Some head in involucrate with a few narrow, inconspicuous
tracts, no longer than calices; other heads have no tracts. Heads globular to short ovate, about 2 cm x 2 cm when in flower. The seccile. Calyx softly pubescent, whitish at base, green at top, tube with teeth, with rather sparse ring of hairs at the slightly coloured throat inside. Teeth tubulate, almost equid, erect to falcate. 10-13 mm overall, the calyx being 5-8 mm overall with tube 7-8 mm. Calyx creamy white, turning more yellowish, not reflexed. Cotyledons falcate. Capsule included, thin, greyish to containing 1 yellowish seed, 3.5 mm long.


8-3-32 Sedea maritima Dum. Km I 443, Bov. Bov 270, Bov 883, Cote III 92, 8 370 Fl. Pl. Olden. Rebecca, Aureal at bridge on a drainage "reeds," Carefully off with S. farinacea. Finals which is much more common in vicinity. Some 4 from main at 4.5 cm long. 
Styles distinctly 2.

8-3-32 Staticia lycnidiifolia Bôs (see 7-8-32) Fl. Sands Aureal, Can Castilla. Same as 5-30-32

8-3-32 Staticia nigata Willd. Fl. Common in vicinity just beyond Carlavelt Aureal. See Km I 576, Bov 38 7-8 5-86, Bov 563, Cote III 612

8-3-32 Pancratium maritimum (see 7-5-32) Fl. Aureal. A fine color. 9-6-32 Rose sept 1st abilities of flat at San Germain.

8-6-32 Critillium maritimum. L. Km I 251, Bov 201, Bov 128, Bov 200, Cote II 185 Fl. Bellcave. Casts in flat shallow area in well. Most of the Daffs. Note that foot at Cast is found several things usually found on shore.
9-2-32 Chimonanthus praecox f. BMGP 6461
(See Kt II 59 = Aldehyda in Mallorca) Fl v f. Brought by
Rose from a horticultural cultivated. Easily recognized by the
broader lobes of upper petals and petals of calyx cover with lower
lobe deeply cut from the rest of the calyx. Petals declined.

9-6-32 Satureja hortensis L. BMGP 652, Bar 357, Bar
249, 4705, Cote III 91 Fl v Cult. Brought by Rose from
Garden in San Severo. Calyx with not a saucer but small
(ecto) Sphalerostemonz. Syn. than suggested by
BMGP v Bar [See 9-8-31]

9-6-32 Vitex Agnus Castus Kt II 312, Bar 395, Bar
258, Cote III 140, BMGP 633 Fl v vynmge. Jr. Brought by
Rose from beach near San Severo.
A. Fls def. Blue lobes inside
B. Fls very pale pink inside

9-6-32 Tamarix gallica L. Kt II 191, Bar 173, Bar 107, BMGP 387,
BMGP 506, Cote III 280 Fl. Brought by Rose from beach
near San Severo. Common in Taphassus since
stamens def. Stipitid and basic non-secreting
broad lobes (See Cote). Punt as close as Sante
9-6-32 acute angles. (See Caste, BM03, and ill BM.)
which wean these abscission is not to angies.

9-6-32 Astragalus officinalis. Knt 103, Bar 183, Bom 84.
Caste 364. Soft. Soft. Brought by Rosa from her father's
garden in San Severo. (See 3-6-31)

9-6-32 Aeschris hypogea. BM03, 394. Soft. Soft. Caste
Brought by Rosa from garden in San Severo.

9-6-32 Fragaria virginiana. Knt 314
Bar 500, 8 156 = E. major Knt 314. Knt 1647 v pr 158.
Caste 363. El. Brought by Rosa from water course
behind her father's house in San Severo. Lamina thin,
white with 8 green veins.

792
9-12-32 Tenuissimum Pulchrum L. Rare Pulchrum (see
5-29-32) El Alcudia Alhafra. L. See 5-29-32 in the
lawn on east calyx-like, but plantless directly
very Vio borderline less robust than that is
remembered.
9-12-32 Citrullus vulgaris Delic. BMCP 736 =
Cucumis Citrullus L. (sect. C. 61) = Cucurbita Citrullus L
Bar 176. F ep. Alcudia Alcufera. Liberally scattered
the sand. This is undoubtedly the Cucurbitaceae of 11-5-30
found in similar ground at Pollença.

9-12-32 Zizyphus Jujuba Mill BMCP 475 = L. algaris
Lam Bar 98, Bar 64. De Kurz 56 065 Fr. Cult. Alcudia
near Roman Theatre. Distinguishable by its shining,
3-nerved lvs, alt on the flaxuous branches.

798
9-12-53 Erythrea Cantianum Pers. Kurz 284, Bar
313 Bar 213, Bar 312. Cotta II 554 = Cantianum umbellatum
Just this "the E. cathyphla" un.

9-12-32 Solanum maritimum L. Kurz 540 Bar 287,
Bar 187. Cotta II 436 Fr. Alcudia Puerto on wide setting
beach.

9-12-32 Hippeastrum L. Kurz 440 = Alcata L. Bar
395, Bar 267. BMN 29/ 811 287, Cotta II 178 = A. patula. var
lactata May A 368 Fr. Alcudia Puerto. Hyacinthum of
alpina L. which are lactata to deep rose-red.
"Patulas" on the visible to eye.

9-12-32 Helianthemum halimifolium Willd. Knuth 200, Cote 1 + 8 = Halimium Willd. Bar 45 F. Albufera. 20. Alcudia just beyond point where left hand guy rope passes this clump of trees, I hope my pale green v (20x) covered with pale flowers but not sticky like to 15 x 0 mm. Sometimes there is slight indication of a tiny linear throat.


9-12-32 Sorglula vulgaris Pers. [Dearden 47] Cote 175, Bon. 353 = Helcion Sorglula 2 BMJCP 105, Massafratt. Strayon field gorse in Albufera Alcudia. 1 fertile florets coriaceous glumens are almost black but greenish at tip sivillling huge cap that short shrunken fragile with twisted anthers that resemble again as glumens (more often missing) Inf sivill long heavy stalk looking almost black. If the stalk containing more light but a few notches look like empty glumens, Fabio's branches pubescent also (upper part plant) to 2 wide, tapering to very
9/12-32 Atriplex portulacoides L. Nut 441, Bar 395, Don 390, Cate 257 70; 176 = Abcens — Moj. Don 267 Fl very young from Alondra Fuentes.

9/12-32 Asparagus albus L. Nut 380, Bar 442, Cate 255 Fl Alondra Fuentes. After the flowers very thickly flowered making a face above. Honey—sweet.


9-15-32 Chlorophyllum
See C. elatialis F. Br. BM #2174 and C. comosum Rch. Nut 448 Fl. Fl. Cult in pot. Señorita S. (Samoa 12-13-30 at Seller) Fl white 18mm across the petals petal base, rotate. the 3 inner petals broader than the others well with suggestion of greenish at apex of sepal. Filaments with only inferior style than paler than the bluish green papilla. Anthers freckled base veret, of brown inside, pollen bright yellow. Styles simple, the thicker to enlarge into large, alondra white, larger. Filaments arising from 2 petals the usually from basal rosette (tuft). These lead to 1cm wide, somewhat managed above the leaf. Very white, marbled white.

9-16-32 *Centaura uncycla* var. *balearica* Kunze 498, Rev. 267, Cote II 873, Ben. 180 Ec. 4. Road just north of Havalalas, toward north of Havalalas. One related finely found 7 fructing heads along roadway. Bed along *horimandulas negras* (Bar) very undifferentiated "debe de dormir bien plus grande" (Cote).

795


796

9-16-32 *Pimpinella Thymus* Villoas *balearica* Knole (see 7-20-32) Fr. Havalalas. Also fleshen but not red by P.B.T.

797

9-16-32 *Lactuca saliva* L. Kunze 532 Rev. Ben. 187 Ben. 292, 9-86, Cote II 31 Fr. Pith up Havalalas just slightly above the point where it leaves Havalalas. Roadly north of E. Bilateral rootless plant almost flat ground, much handled from base. Achene 4 x 1 mm. *L. tenerissima* Poeck can achieve 4 x 1.7 mm. with vertical ribblowing. Pappus bright white. *L. tenerissima* Poeck yellowish. Cft. with *L. tenerissima* Poeck found near same spot.
9-16-32 Scutellaria balearica Bar (See 5-25-32) Fr. Galatzó upper part of path
9-16-32 Merendera filifolia Camb. (See 3-2-32) Fr. Galatzó

9-16-32 Crocus minimus DC. forma Cantessedeli C. Cantessedeli Bay Bar 449, MT II 77, Tab. LIII (See C. minimus DC. Cota I 361) Fr. Galatzó

9-21-32 Cercisia corimbosa Lam. BMGCP. 424. Fr. Cult. Infanta. Indistinguishable with P. B. thia

798
9-22-32 Cephalorhiza rigida Schrad. var. balearica (See 6-25-32) Fr. Puig Mayer. Common in Desert & Dry Springs. Corolla white; anthers white, differentiated, 3.0-3.5 mm, more wide (Bar. to contrary)

799

800
9-22-32 Xeranthemum incanum - Mill. (See 6-8-32)
Empty planting holes. Puig Mayor.

9-22-32 Ruprechtia fruticosa var. Barceloi falk
(See 6-28-32) Unripe. Puig Mayor. Frequency on cliffs
with the Cephalaria.

9-22-32 Anthyllis Vulneraria var. balericana
(See 6-3-32) Puig Mayor. Plants (few only) seen with
sea fennel and more collected on cliffs with
Ruprechtia just above the lowest of the stone
structures (tangle like).

9-22-32 Scabellaria balericana Bon (See 8-23-32) do not
of the few plants observed not collected, in crevasses
rocks at the Drie Springos.

9-22-32 Potentilla Canescens var. genmaniah Wolf
(See 5-15-32) F. Many plants observed with Cephalaria
on cliffs.

9-22-32 Brassica balericana Pers (See 5-15-32) No hints
on cliffs with Cephalaria.
9-22-32 Sorbaria Aria Crantz (see 6-4-32) F. observed but not collected on cliffs with Aphalearia

9-22-32 Arenaria grandiflora var. mercurana Cass. (see 6-4-32) all fr. with the thymus.

9-22-33 Helianthemum polyclinum Pers. nanum (see 6-4-32) Ranunculaceae fr. which fell in collecting Puig Major at top of side where path begins to alcalaf.
9-25-32 Boussingaultia bassioides Hed. BM 9 CP
268 El Vergaj de Cult. Terreno Perfectly tubular except that the later corolla are not "closed" but flatly rotate this at the base (where the tubelike "amortent emuit") the corolla partly closes on the young frs.

4 tubes in axils of leaves (collected at hpy's station). Racemes 8 to 5 in long. Each pedicel leaves inserted by tubulate bract about 1/2 as long as pedicel. And pedicel terminations in 2 broadly bracteolate immediately under calyx. The 2 sepals simular to corolla later.

9-28-32 Linia viscosa Cnt Kn II 461, Ber 253, Rm 177, Cnte 314 Fl. Lenox - Cas Catala.

9-28-32 Linia cornuta DC. Kn II 463, Ber 253, Rm 177, Rm 249, Cnte 314 Fl. Long Fl. by Miss Kennedy San Simeon, Valleeau.

9-28-32 Linia graeviila Deaf. Kn II 464, Ber 253, Rm 177, Cnte 314 Fl. Lenox - Cas Catala.


806
Grote-381 = N. -Cline Bar 452, F.B. Bellows  
(has been in Florence 9-30-32).

P 808 (Returned to Mrs. S.)  
opening of the ORTS, Vallstema." Plant them overall,  
mantled from fibrous root. In about 1 cm high,  
separated by slender, the longest of which is to  
10 cm long. Scales with green stripes down back the  
side, being thin ranging in color from white to brown.
[10-31-32 F. Brooker 15 (from same spot?)

809: (Ret to Mrs. S.)  
10-3-32 ??? Zuccaricio Rodriguezii. [See 7-30-32].  
Colby by Mrs. Kennedy. On Fontanellas. Woodman's 1907  
above San Pedro.

10-6-32 Sternbergia lutea. Bart. in Schult. Lin J. 396. Bar  
305 = S. - Romo Schult. BM 177 = S. - Koe-Grote 373  
= Operantia lutea. Herb. Bar 450 FL. Rode-Pi.  
2 clumps just east grid at tennis court fort, perhaps  
removed from garden where cultivated on rock island  
onto.

810  
steam and to fort.
10-6-32 Conolhus spinosus DC. primu Crescensio (See 5-5-32) Fl. (evidently last galasan) Posto Pa.

812
10-6-32 Amaranthus paniculatus L. B. N. C. P. 252 H 372, Crotula 172 (See 6-11-51) Fl. St more aless hairy (not uniformly present, but certainly not "glabrous" B. N. C. P. Beet (at least some) w. an elongated club point tip, that it is difficult to decide if this is A. hybridus L. or A. hypochondreum. Slight more like Crotula ill Fl. paniculatus than bi/trifid in Kirk 114 of A. hybridus. Similar plants noticed in various Bethnog gardens. But off with A. caudatus
10-13-32 this seems likely to be a poorly developed plant of that species [But see 9-8-34 for reconsideration]

813
10-6-32 Andropogon Contosus L. (See 7-28-32) Posto Pa.

10-6-32 Creithumum maintainum L. (See 8-16-32) Fl. purple p. Posto Pa. In Crater L rock near olive about 3in high and on north exposure. Is most luxuriant with stems a ft + more high. Rosas makes a possible 1st c. by putting in very
sitting straight a month before rising.
10-8-32 Menthe
From Mrs. Kennedy "La Comune. Valdemosa. F. L. Tiny plant 4 cm high, with stiff, woolly, very slender stem, in ring at base. Fls. have all the look of Pulegium (oft with dried specimen) even to the slighty gilson effect of calyx (wth stamen seeming at one side). But general effect of plant quite different. Being more like a tiny Thymus. Lvs never more than 0.5 mm. much darker green than P. and less def. veined.

8/14
10-7-32: Polygonum anulare L. Fr. Mrs. Kennedy "Steep Valdemosa. Lvs 8 x 1.7 mm. Sheathless leaves, whitish. Conspicuous, at least interesting are the densely leafy nodes, larger than internodes. Fls 2 mm. long, tapering at tip, velvety, much shorter than sheath.

10-4-32: Lagenaria lencanthica Rupby BM 1895. From Mrs. Kennedy "Easterwood Rd. from Valdemosa. Only one pet. and 55 that very pub. Torn and top, not markedly veined. Fatter, oxe. 41/2 in diam, softly pub. Both sides, ovate, glabrate, ovate, on margins. Calyx lobes consist of narrow crest, 3 mm. high, a tube that otherwise would be truncate. Corolla 31/2 in diam, calyxment to base on ovate lobes. Pulvillarum white, 1/3 turning brown. Very veiny, pub. Both sides, glabrate, not quite entire except at tip and the tip, with vein, single. Stigma like ovate, calyx glabrate. Fls solitary or in peduncle of 2 or 3.

10-12-32: Neratis jalapa L BM 1867. 1 ft. Cult from Mrs. Kennedy Valdemosa.
10-13-32 Malvaviscus arboreus Cav. BM CP 489
(See note Fe) F1 by young f4. Cult. Short's Tea Room, Terence.
Leaves 12 mm wide, ovate, marginally crenate at base, acutate, short-ciliolate at tips, only slightly
rough to touch but not velvety. Young parts of plant
put with the same attachment; no base found.
Bracts 5-6, the tips outward-curved in bud but erect in
Flower 1 in long. Carpels 5. Calyx about 12 mm high.
Flowers dimorphic.

10-13-32 Amaranthus hypochondriacus L. var. hypochondriacus Bailey BM CP 252. 637, F1 by Cult. Short's
Tea Room, Terence. Inflo 6 or 7, erect, its short lateral
Branches making it "clumpy"

10-13-32 Amaranthus Cardo sal. F1 by BM CP 252
Flowers Cult. wanting in grounds where the road to Huy
Royal takes off. Calle 17, Api. The heavy drooping plants
many drooping branches accentuating this
area. This seems the same as 10-6-32 except much
better developed [See note Fe-34 for resemblance]

10-13-32 Datura Mex. L. Bar 831, Cort 1616. 8717. F1 by
no. 18453, is the same as D. meteloides Bailey BM CP 664 an
8717 with the triangular as in D. mexicana and corks.
magnally lobed at apex with no "slender endulate teeth."  

8/15
10-13-32 Chenopodium opulifolium Schrad. FS. (See 10-6-32) Admean terrina Conto Terreno

10-14-32 Caloncction viciaefolium Hesse BMCP 640 Fl. Cult in garden next door. Terreno Estanced 1363 Cadata.

10-14-32 Kochia scoparia Schrad. Bar 397 BMCP 250. Note III 1956. 8 Fls. Cult. beam by Room 1 22 mm. 6 mm. wide. Calyx lobes often crumpled as will GC. Seen frequently in gardens & lat. sent by Mrs. Kennedy from Valldemossa garden under name "Prince's Feather."

10-25-32 Dauceq gumnipes lam (Bee 7-30-32) Fe
From Mrs. Kennedy "in a grista. Fontarret" 2 Valldemona.
Boar noo 7-30-32

10-31-32 Astephytus patulaeum  Kui 440, = A patulae.
Bar 393, 304, 306. Bar 394, 4 366, 1178. Kui from
Mrs. Kennedy 2 Valldemona. Exactly agree. 11 304.

10-30-32 Polygonum aviculare Kui 436. Bar 404, Bar 274
394, 4 338, Efte 207, F 52. Valldemona. Long strongly
2 to 2 1/2 ft. but size of leaves included in plants
seem to negate any other possibility. Cf. with 10-20-32 which
is similar but not at all in general appearance.

11-1-32 Jasania glutinosa DC. Kui 471, Bar 255, Cate
1316 Fe From Mrs. Kennedy “in a grista. Fontarret.
Estef Valldemona” Exactly agree. 6x except that
papery in yellowish white (not “rouse”) Kui 3 and
all leaves are velvety with long white hairs
“yellow” (Bee) not “jamaica.” —— kes lowed
(Cate) the many slender 12.6.8 -turned, termi-
inating in a solitary leaf in few fr. Barts.
Another talle plainly visible
11-2-32 Polygoniun sericeum laq. var. 

Gray Crats #266. Bum 27. Fl v p. Mrs. Kennedy 


4 cm (0.25 in.) by 5 mm. looking very slender. 
All are very examined 3 - angled. Valuing 

tromsh short. Lightly expand. Pointing leaves 

minus (rough papered) St. 28. Nov 3. 1914. 

207. 

11-2-32 Euypusia platylholle. aub. g. pyrencens (see 


tlues waisty. Seeds with scattered low dots which def 

visible 20x and not expand. Leaves white 

hairy on back. Plants differ from all seen hitherto 

by R. 3. K in that capsules are def. pub. with long 

white hairs. 

11-2-32 Cyperus 


A. Pst. Same as C. longus. for. bill 16. 28. 32 with 

which eff. 

B. This not differing greatly has much the look of C. longus 

(Crate) and may produce that. 

10-2-32 Glyphex lentatum (see 9-12-32) Fl v p. Mrs. Kennedy 

Soller. Pueto. Plant not in at 0. 0. 0. agrees with ill. Crate 

V 31. 3. 3. 3.
[Mrs. K. reports that when after first thinking this a Rhamnus admits that it is a "Bladder Campion"]

R. undisclosed

11-3-32. Silene cucubalus with Wibel.

Roof here. From Mrs. Kennedy from Brig. May 1942 very sunny in spring ground. Silene evidently flat on ground, the grayly stem, cottonish, branched. Old base branches have slight tomy effect, also found on younger shoots. Reanlly 10 to 15.

The young shoots still almost bare the acule of buds from which they issued. Lower oldest the leaf no sign of thorns, but base are joint with definite link (as in many plants of pink family). But note that just inside this line is sometimes found a pair (i.e. 1 to 2) or more 1 st. 2nd. reed member which might be deciduous at base or base. Since these are perhaps sometimes 3's might be too. Acule 1 the red which continues the above 10 to 15 x 10 mm. wide, entire, rounded not acuminate at apex, narrowed at base into what might be considered a small abort (1 mm) pedicel. 10 cm. "plabrunke" (not tall Comarces). Gray green, finely net veined with veins almost pycnidial rather loose, less (at 3) close together at top of the leaf things (as that trees overlap). Is not milky as far as noticeable. Base not exocarp. Contd. this possibly be Silene cucubalus. 1 form major recent as Evie

Later observed which Mrs. Kennedy says.
undoubtedly broke off from the plant in her box. Three shoots mostly helocentric, longest is 23 x 9 mm., some with a longened margin (Nov. 2-16-31). Tepals white with 10 or more very tinged red. Three show tubular-stalked calyx 10 stamens and beginning of petals appearing for Eileen. As many in style distinguishable. Very likely this is Eileen C. Itanalis Wilt. It is now to be very common in the region. Dioc. basic. Calyx finely pubescent on edges.

11-4-32 Datura Stramonium L. Hirt. 365, Bar 381, Bot. 227, B14 328, B117, Bot. 236 Ex. from Mrs. Kennedy from San Toreno (San Saturia) also at Bolle Pueblo. 11-3-32. 10 small, purple mats very small (Seed Table). 11-5-32


11-5-32? Chrysanthemum Balsamita. BMCP 760. See G 847. Vint. 62. All flowers fe poorly developed. From Mrs. Kennedy Valdemara. "In cultivated land. In Commum Plant about 4 ft high. St. to 5 cm. Leaves with light colored ribs. Conspicuous on lower part & at base. The ribs on lower part wall around in upper part is a very fine pubescence. In as dense. (BMCP), the largest 3/2 x 1 1/2 in, with the same fine mucous pubescence, and with scent glands (dots) visible. Less when rubbed have sweet, pungent odor. Petioles often with a pair of tiny leaf-like leaf of base; these leaves often 2-petalled. Flower as sent above. 1 lateral bract 9 cm. and one main at. with 3 young branches of flowers in axils of 9 cm. Heads are in small clusters at tip of bracts and almost about 6 in. number at. probably were not more than 5 cm. diam. Heads (now withered) seem rayless, dull, flat, unvalved, achene no ribbed, "small brown". I dent. prob. correct. * Mintsy smell.

11-7-32 Centaurea intermedia Lam (see 9-16-32) Old fruiting heads with poorly developed fe. From Mrs. Kennedy in Toyota, Alredia Blanca, near Reisalda. The empty heads now closed at tip valved, 5-ribbed, yellowish green color, with the eliation of heads membran-
11-7-32 Ferocactus Podocen 2. var. majorisum (see 5-29-32) All finishing heads. From Mrs. Kennedy with notes. Seems just the same as the var. with long calyx and long flattish br. found 6-26-32 and 7-20-32.

11-7-32 Lavatera maritima. Bouan (see 4-22-32) Mrs. Kennedy reports it in plenty with the above. "Returning beyond Rosa on the way to Bunyola. A squat modern tower-shaped building named Algulcia Blanca, a finca, on the left hand side of the Palma- Soller road. There we may have seen yet purple flowers in bloom. To La Havia, a precipitous scarp on the nort. or torrentes beyond. Some of the usual wildflowers found."

hedge overpays through the gardens. Sends out shoots 20 ft. long or more.

11-17-32 *Crocus sativus* l. BM 363, Catl. III 360, BM CPC. 250. Fb. Cult. Mrs. Nickels’ garden. San. Augustine, Style fully equalling perianth and for overlapping the anther. Perianths semi-purple, papery to very base but preference not to be desirable in fl. (withering when studied.)

11-17-32 *Compsonia globosa* l. BM CPC. 354. Fb. Cult. Mrs. Nickels’ garden. Fl. heads bright, cerise-purple, velvety-like in appearance. Exactly *arcturus* except that the leaves have no more hairs on edges than on the surfaces. Receptacle sparingly rough, only reach fl. surrounded by a bract which persists after fl. falls. Three bracts are ovate, broad based, acute tipped, nipped around the fl. 1½-2½, long as fl. Each petalament 3-5 erect, colored bracts about 1½ mm. high, strongly beaked, encircling the other floral parts. Perianth hardly more than half as long as three bracts. Stamen visible, stiff, equal, less colored at tips which is semi-glabrous, but below tips on back are densely woolly with long white matted hairs. (no mention of this in BM CPC.) Staminal tube and disc. BM CPC. Style deeply 2-cleft, shorter than staminal tube.
11-17-32 Colonia argentea. BM P.P. 353. Fl. P.e. Cult. Infanta 8. Ind: An obovate leaf has a base-like apex. (Or the abaceme doth like apices became pedicle's very short) a series white, hence may mean to wild form. Each pedicle extended at base by acuminate bract 1/2 with 2 similar bracts directly under the perianth. These bracts all shorter than perianth but similar in color and seecome texture. Filaments about 1/2 as long as perianth, and united into a tube about 1/3 of their length. Style as long as perianth very slightly 2-parted at apex. Capsule forms like a cup; with about 4 seed on basal placent. Perianth segments but the ripening capsule plainly visible. At earlier date bought at market in Palma a specimen with magenta and unusual "coral" color and a rather loose panicle in. with many short, slender spike-like racemes, long somewhat drooping forming a panicle. Each exactly like those in specimen from Infanta.

11-19-32 Crocues minimum DC forma Camperdownii (see 9-16-32) Fl. West of Caes Caledon. Take above path v. instead of climbing our wall, continue along on north side of it. The Crocues is blooming freely along wall v. on the ridge to which it leads. Planta found also on above path on the west side of the 2nd or 3rd bay before reaching the 2nd bay which has a lead v. military bath house. Note that stigmas
11-19-32 Stigmaceae are indicated at site as dead (Bay) will (Vellen), not as dead (Costa). M. minimauxi, spatiously bivalved and tube extended (in one case PmL.) Stigmaeae yellow.

11-23-32 Euphania Vegetabilis. (See 5-13-32.) Flow. Common in field near quartzite 4 corners and near Penin. Copstriaomes by its broad spreading yellowed leaf and in many cases by young adelina shoot which does not below the umbil making a bushy green spot on landscape (but the putrid seeds and races important rule out any possible chance of its being E. Cyperanensis.)

Bellis coerulescens Cos.

In Aug. 1933 Ken gives E.W.K. the following information. B. coerulescens (native of Morocco) is a species distinct from B. annual.

- B. coerulescens
  - Spreading
  - Lvs. spoon shaped

- B. annua
  - Tufted
  - Lvs. like B. perennis

As far as known up to March 1935 E.W.K. has not found what Ken would call B. annua.
1-31-33 Bellis annual

Ft. Bellows. Rayrange from nearly pure white to definite lavender tinge. Some when dry turn blue. In 1932 Mrs. Irwin showed me a plant whose rays had turned blue and was told it was B. corollacea. In Bell's collection, but she does not know how this name relates to B. annual.


[Mrs. K. a few days later found O. lutea near Andraitx]

3-8-33 Alpinopsis Lutea Cav. No 1407, Bars. 463, Bars 313, Cult. III 389 Ft. San Telmo (near Andraitx) Rd by Mrs. Kennedy (planted O. furcata link from Bellows 3-9-33)

Border (gamopoge) yellow, 5 mm wide
inside 3 mm
the brown very gray
O. furcata, the brown much narrower than in O. furcata. Effect above very square
at base and round at exstremity, the pales overlapping (no open masses as in O. furcata) the edge rather frilly & general effect of flowers concave. Petals almost as yellow as borders, tending to fullness at slightly under than in O. furcata. Note: Contouring of O. lutea is more like O. furcata as to shape & lower lip. By narrative.
3-13-33 Laurens nobilis L. Kn. II. 3, Bar. 407, Ben. 276
BM 26, P 295, Cate. 315. Cult. Infants 8 or 9 yrs.
Stems soon branched as still in Cate.

3-14-33 Euanacea pamphylaca (See 4-6-32) F & V
unripe, soft, Rio. Pot. Pin. fieldtop. Maricopa, in company
with F. mieraentha leg.

3-16-33 Clethidella triialis L. Kn. 49 Barrie, Nuclea.
277 F. Calt. Eastons, Terre. (Fl. studied 3-9-33 from
fl. brought by Mrs. Kennedy 1. See 1 today confirmed
identification). If very deeply ribbed as to look
quadriangular (into 4 in this one) and entirely
unlike the usual flat spear-like loc. Fls
fragrant only at night. Seems to be locally known
as "Lilac Sam Jol.

3-18-33 Triglochin bulbosum L. Kn. I. 283 = T.
Barreliera Lois Bar. 464, Ben. 313, Cate. 441. Fl
brought by Dr. Burk from Acendia. St. 1/2 in. with some
flowers long. Surf. now partly red. 1½ in. with 14-30 fls.
Fls dense at tip but rather lax at base. Carpels 5
styles always 3. Basal enlarged in bulbish (but
bulb is elongated) not abruptly contracted at top.
No "unique filaments entangled" (this might
have been destroyed in collecting). Loc. (20k)
marked with vertical dotted lines.
3-18-33 Cerinthe
Ed Bemis from Deland, Florida. See C. major
No act., BM 308, Box 220, Cott. 577, Hooker 138 and also
C. retusa. Sibth. & Son BM. CP 627, Hooker 1885. Look at the
calyx lobes ciliate with short stiff upward pointing hairs. It only slightly rough to touch other parts
but when dry seem much rougher and the tiny
silvery hairless very distinct. Bracts very small and
conspicuously dark glaucous purple, white point
glaucous. Corolla 16 mm long, yellowish at base only
the rest purplish much like the bracts; teeth agri
centric 12.5 mm wide and (in specimen) conv
vincet in Core at tipo. Filaments 3 mm below
attachment, another 5 mm long at pollen-bearing
portion (i.e. disregarding tails of fully 1 mm and remains
3 by 8 by 1 mm.)

816A
same plant & place as # 626. 3-18-33.

3-20-33
From Mrs. R. B. E. Andrus. Plant to bulbly Alpinus formosa. Very alpinuslike 5 cm high, perhaps rooting at base; glabrous. Lower
3 1/2 petals naked, but leaf scars seem sometimes of 5
sometimes 6-7. 3 ovary lobes. Largest 0.5 cm
on petiole 2 mm. 1 1/2 mm, linear, penamended
perhaps 3 semi linear base. 3 leaves, stirling and
almost semi-ovaric as 6 and only one (poor condition) to
be studied. This was 1 cm high. This had tubular
calyx with erect (or penamended) linear
can-also-points (number not determined). Style
pars with cup-shaped stigma (about as high as calyx)
Stamens several (possibly 6 or more). No petals
found. A more green is Nepalis Patulo. Cost
193, Bon 106. BVHT 62.

3-20-39. Froelichia chlorum Willd. KIT 135, Bas 133, Bon
58, Cost 1252 f -ad. ft. Bellver, just west of gate
and E. malachites 2. on wall Calle Bellver.
Carfully off. F. C. - this part is a fresh clean green; E. m-
more densely pubes. - a dusky gray-green.
E. c. - not glabrous; E. m. - glabrous on calyx and
in depressions; carpeal also at (epiphragn part
of) at 3/4's on young bls. F. c. - has tepals and 2 mm
E. m. has tepals and 1 mm. In F. c. - the carpeal
tips ar near or nearly towards the base; in
E. m. - the carpeal has a depression in each side
at top of ridge & a furrow below those depressions.
E. c. - has petals more brightly colored than E. m.
which has petals duller. A white plant is duller
E. c. - has been found about 3.5 cm; E. m. - has been
about 2.5 cm.
These bls. seem to differ more than seen.
Also the F. C. - doesoto general aspect of worden.
The looking bls. is very similar in the two
species and looks Chloris. F. C. - 258. As for
the stamens: the have few sparsely hairs
edges in F. C. - but the same seems true of
E. m.
3.20.33 Silene spicata Willd.
Fl. Bullerz. Seems exactly like #630V #651

folded. Sep. pale blue, villous at base. St. deep.
Vanes take twisted. zig-zag. 2. Jlark. (top, the upper
one) deeply toothed, not spotted. 4 Jfts 6-8 pairs, other
spiculot (because of prinical tip), the largest 12x3 mm.
lower hundreds simple or bifurcate, but the upper,
branched v velvety. Ant. node 1+ 15 mm. JItts
begin almost at base. 3 ft (2 in. that plant looks
well furnished). 1 in 1/2-in. long, the calyx part
wider. About 1/4 in. not. 8 in. 2 mm. Peduncle
evidently few Jfts (fol. had fallen off before studying)
calyx 5 mm. cut half its length into umbelate, equal
teeth. Face all (except standard) standard is slightly
2.5 mm. Standard pale blue, with dark veins,
wings almost white, heel white with conspicuous
dark purple tips. Style not quite glabrous at
summit but with no definite tuft of hairs. Every
Jft (one only examined) glabrous. Heads few fewer
than 3.

8/15 Sent as #361 (with slip 4-23.) to Clay. See
report under that date.

3/21-33 Nascusae
Fl. From Dr. Lord. Alcendia region. 1 ft. 19 in. IJparce 6 in.
(uo ascent, separate) Fls 3, differing from N. Tagetta.
as usually found here in perennials being
pure white except creamy 1.8 33 mm. diam.
not reported. Crown 4 mm high, clear yellow
centred (not as dense Cost for N. trifoliata)

Scape hollow v 2 edged (Cames #826 V826)
"needs several hundred feet on most face of cliff or
shade v bulk often in clusters of rocks. Black
in vicinity of 'la Victoria.'

3-21-33 ?? Trifolium migransescens Vivi. #1176, #1176
Bar 126, Bar 78, Cost 1344. Fl. From D. A. Alcania. (North)
Glabrous throughout. Sepal 2 sessuous, all pinked.
Plant looks my namesake like T.repens, but pieces es
sent show no sight of tinting. Piece at 3 is high
seems to have been erect with axillary peduncles
are found to top 1.5 with head at 15 mm. diam. 58 mm
long whitish (perhaps somewhat nearly discernible pink)
more clean looking more as yet not reflexed. Pedicels
1.2 mm v calyx 1.5 (Cost says should be equal).
Enders 5. Dt. with center within 2 ft. pungent.
Perhaps T. repens. after all.

3-21-33 ?? Melilotus macroanemiai All #1176
Cost 333 = M. - Deaf Bar 120, Bar 76. Fl. De lost from
Alcania. Scape 2 in axil of last Lima
well form to this plant as only one with sequence
lighter than v. 55 mm long, the standard slightly
shorter than broad but wings def. stellate. Calyx
a rich yellow. Peduncle not cut at scarlet
with v stipules not very def. Darg pointed.
Smooth
smooth or might develop to look like ill (cont.)

3-21-33 Silene gallica L. Kn.I 464, Bar. 59, Bon. 423, Brk 45 (all moor). A 385. Cont.I 179 E. col. from D. L. Lord from Alcudia. A 20 in high. It has def. hairy; at base long pile hairs in add. to the alcaloic part. Calyx (in fl) tubular, gland pers. with 10 red 60s. 9 mm high which is formed by the narrow teeth (all Bar). Petals rose-red, broadly longer than calyx, entire. The corolla tube 10 mm long lobed almost to base (barely to inner for the small petal). Filaments of the larger staminea firmly bent def. point at base. Centifolia dark red. Calyx (in fl) void, not obtulate, contracted at top. Capsule 9 mm high, reaches almost to top of calyx lobes, practically pendulous. This ident. seems very satisfactory but has not been compared with that of 64* which was reputed as S. gallica.


820

3-26-33 Linum praecox Mill. Kn.I 397, Bar. 341, Bon. 233, Cont.I 26 Fl. From D. Lord, Alcudia. Exactly as described (cont.) except that corolla is as cleanly and at almost yellow and (excluding spur) is not more than 6 mm long (i.e. shorter than the calyx which is fully 7 mm. The corolla tube 8-11 mm.)
3-28-33 Delichos lablab. BMCP 399. Flowers purplish. Culx. Potamos (Terra). Note. 2 deciduous threads at base of each flo; lacking at fruit-locules. Like potato calyx. V Terminal (at least easily separable) from leaf. Form "spicata." St. flo; pale deep purple. Style flattened. Petals, the upper edge thinner, slanting towards top.

821
3-29-33 Vicia gracile
Fl. Dr. Lord Aclandia

822
3-29-33 Silene gallica (see #91) 3-21-33
Fl. Dr. Lord Aclandia

3-29-33 Wigandia
BMCP 621, Hortus 645, KnI 59 Fl v. detached fr. From Tusc. from Pasa yarumai. 2 m alt. The me seat 6 x
3½ in. oval, finely veiny, crenate, acute apex;
base looks rounded but is really slight indent.
with lobes overlapping. Petals 5 n. Upright with 3½,
oblumos. Dark green, with lower finely grained.
Texture, under side pubescent w. pubescent calyx;
the inner side the skins are brown and glandular.
Flowers in terminal scorpoids. Cymes.
Petals v. calamine gland. pubescent.
3-29-33 pubescent. Calyx 9, lanceolate, 6-8 mm wide, pubescent inside. Corolla 3-6 petals, with 5-stamen. Corolla purple (with blue lights) more or less rusty at tip. Bud outside with gland-pubescent. Stamens attached to tube. Filaments with conspicuous, down-pointing hairs. Anther superior, beaded. Nectar purple, upward pointing hairs. Styles two, styles, ending at top into green, appressed stigma (effect of the nectar gland). Corolla from 8 to 10 mm long.

Place: meeting in corymb. Cell in such a way that it can easily be mistaken for two-celled. Corolla rusty.

823

824
4-2-33 Romula farquhar / Britten (see 3-3-32)
Fl. Mrs. Harris, Carcatal. Pea white, with purple veins, 8 mm high. The upper (i.e. inner) nectar valve is thin, very long. Evidently the same species as 3-30-32 #632 from Porto-P, which was named A. Columbiana. Substance: "melting fleshy medullary tissue shows the regular parallel rows of the lower leaves. Valves in 8'4' and on first dorsal of #825-
Fl. Mrs. Harris, Co. Carlow. (13-14 mm wide, purplish) spotted, velvety green, heraceous (very narrowly ovate, shorter and more conspicuous than in above species), and rather more quilled than in the other species.

[Seems same as plant from Mr. Heron, Portugal which he calls D. longiflorus.] 4-3-33 (Achillea latifolia Brot. Kn. 401 = D. longiflorus Link, Bar. 538. Fl. Dr. Lord Acland’s Alburyd. Agrees perfectly with description (Bar.) Sepals acuminate, 12 mm long, petals narrow, broader 6-7 mm, linear-lanceolate, 7 mm long. Middle lobe of lip deeply divided (to 7 mm) into segments nearly as narrow as the lateral lobes. The diacent petals of these sepals is linear (rather than triangular) to 8 mm long, spur 5 mm. Flowering is 2-3 cm long, curved upward toward lip. But the thin white tracts 3-4 mm are indistinct and only about 1/2 the 15-18 mm ovary. Query could this be Achillea Scaius Leach Cat. III 376, Bar. 310, Brot. 59, Ill. 347? Further makes it seem highly probable. Sepals rose pink (bright) with darker veins. Petals vs. lips only slightly paler at about 7-8 mm in glaze, cross section much like Brot. II (in some places almost hollow) 5-18 in length all, the mid row 3½ - 4½ in wide, central row about 1½ in wide, edges distinctly crinkly wavy slightly incurved. Flower like all Cat. v Brot.
See below.

4-3-33 orchis from Dr. Ms. Alcudia 'Albufera'.

Mrs. C. M. Kennedy sent Mr. Horon's plant from Portugal and 2 detached slips from Dr. Lado to New and on 4-23-33 reports, quoting "the complete specimen from Portugal appeared to be an extreme form of O. Hederifolia, Sect. Aphrodite, approaching O. Simia lamba in the formation of the lip. The two flowers from Majorca apparently belong to O. Simia lamba, but I am afraid the material is insufficient for exact determination."
Narcissus

\[ \#812 \{ 8-21-33 \} \] all collected by Dr. Lord on cliffs near La Victoria, Alameda

\[ \#826 \{ 4-3-33 \} \] were sent to New as \#826.

On June 13, 1933, Dr. Lord reports

"\#826 is apparently N. Tazetta var. radiifloro Knoche, which is perhaps the same as N. dubius Koman, a species of rather doubtful status."

Dr. Lord in the meantime sent plants to a horticultural friend, Clarence Elliott, Esq., Six Nells Nursery, STEVENAGE, HERTS, England, who in turn consulted E.H. Bowles (who, Dr. Lord quotes Capt. Munro, "is the biggest authority on the subject in England").

April 14, 1933, E.H. Bowles writes from MYDDLETON HOUSE to Clarence Elliott, Esq., as follows:

"I think you are right in your Narcissus sample is Canaliculatus unless it is Jordan's Monspeliensis. I rather think they are one and the same."
# 826 New. See report below
4-3-33 Narcissus
Fl. Dr. Larr. Dr. cliffs near "la Victoria" Alcudia. (circa 1898)

# 827 New on June 13, 33 reports "N. Tagetta 46 mm. less tipped"
Fl. Dr. Larr. "Common N. Tagetta flat plains" near Alcudia

# 828 "826 New on June 13, 33 report apparently (4-3-33) Narcissus Tagetta var. radiatus Kirby (Fl. Dr. Larr. Same as 826) "same as N. albiflora"
"Gouran, a species I rather doubtful status"

4-7-33 Chloranthus amplifolius var. h. Kne. 476 Bar. 246, Bnm/147, Svt/346, BM/CP/759, B847, Costa. II. Fl. Dr. Larr. Alcudia. Carefully and with C. cornarium. Diff. in two very odored. Achenes of the 2 spp. exactly as dear ill (Bar). Note in C. amplifolius no achenes with lateral wings as dear ill (Costa)

829
4-11-33 Aristolochia Blandii Sm. 48 of Bar. Kne/427 IV. Tab. 11. Bar. Fl. Col by Dr. Arnold Schultze at lighthouse Puerto Villanza. Exactly like ill Narcissus. 1 18 mm. ovall. Fl. 28 mm. ovall. The lip very dark purple brown 10 mm. backup purple with 6 darkish per. Edges hairy.
V. odonata

V. paniculata. Knobbe. Lect. 209 =
4-11-33 Viola paniculata Meis. Bar. 568
Fl. sent by Dr. Sob. (collected by friends) from
"Torrantada Pareyo" (pro) supposed near Bach
Blanco. I.0. seems to make its identity plain.

4-11-33 Benezia Rodriguiezii. Wili. Fl. 1/2. From
Dr. Sob. from Olanda.

4-14-33 Antirrhinum Majus.
Very early blo. Dr. Lordat Bach. Blau. Cult. in the
plant from garden S. of Bar. C. See Bar. 337.

4-14-33 Calea cretica L. (see 6-7-32) Fl. from Mrs.
Kennedy near Valldemora. Mrs. K. reports several colonies.

4-14-33 succ. Saxicola media. Knob. 237
Bar. 39, Cote I. 1/2 Fl. adv. F. From Mrs. Kennedy at
Son. Sard (as one starts for Teix) Valldemora.

5-6-33 Cephalanthera ensifolia Rod. =
C. longifolia Fritsch. (see 6-8-32). Mrs C. M. Kennedy
reports 4-23-33 Sp. finding a plant in flower.
5-6-33 flowers in San Gallart (i.e. Puig de Vera-Longa) which she sent to Keay and 5-6-33 reports their identification as C. longifolia Britch. She asked Keay if Kewke meant C. longifolia was a
synonym of C. grandiflora, they answer, yes he does "but this is erroneous".

(Deilcopora seen by R.B.K 3-12-33)

# 832
5-16-33 Adianatica Boscainelli (See 5-16-34 where entered by mistake)

10-6-33 Muscaria parviflora Deaf. Km II 329, Bar. 440 Col. by E.W. Kennedy in fields along road leading from the Santa Maria Station (Pleasa-Setles P.R.) towards Santa Maria (P.R.K seen after freshly dried)
"Bartoloni says that the same flowers, he thinks, grown on Teix and that partridges feed on its bulbs" (9-13-34 E.W.K saw plant in Setles, near the castle on the path that ascends from the chapel)

265 A
3-19-34 Buxus balearica hamb. Km II 160, Bar. 431
Col by E.W.K Palleniga, Sierra de San Vicenzo, "many fruits"

265 B
3-5-34 Thamnocaliudonei Salvadoris Chalat Col by E.W.K. Formentea (Cala Figuera)
3-21-34 Carex ambigua Link fH 330, Bon 332 = C. cordifolia Druce Bar 480, Cont. 350. Col. by E.W. Kennedy Fomentor (Roca Blanca valley) (6-5-34 C) by E.W.K. Fomentor near garage (old) 
T.B.K. recd. spec. 3-18-35 & considers this ident. the only one possible as to Barcelona. Which is slightly less nearly procurous.

865 C
4-4-34 Aristolochia Biancii San Pau Knv 437 Col. by E.W. Kennedy Fomentor (Roca Blanca)

865 D
4-16-34 Brucus Salicariae Lamk. (see 2-19-34) Col. by E.W.K. Fomentor (Roca Blanca)

865 E
4-16-34 Rheumus ludovicii Salvatorius Chodat (see 8-5-34) Col. by E.W.K. Fomentor

865 F
4-26-34 Rheumus ludovicii Salvatorius Chodat Col. by E.W.K. Fomentor

4-27-34 Formenter. (Also in all stages on 5-8-34 and 5-24-34) (Dried spec. seen by R.B. 3-18-35) lvs. plainly show red beneath. Seeds are like Knoech's ill. 3 var.

866A
5-5-34 Aristolochia Biamorici Seno Pan (Sec 4-4-34)
Col by E.W.K. Formenter.

832
5-16-34 Adariana Bicknellii Knoech II 241 v
IV Tet VII VIII = (acc. to Kes) Spiroceratium

875A
5-27-34 Aristolochia Biamorici Seno Pan (Sec 4-4-34)
Col by E.W.K. Formenter (Roca Blanca 800 f. alt.)

880A
6-28-34 Rhamnus Ludovici Salvatoris Chodat.
(Sec 3-5-34) Col by E.W.K. Formenter
From Mr. Nelson from Monte Fatio, near Lisbon, Portugal. These names are those given by Mr. Nelson (see notes below).

1932 Romulea Bulboscodium
March 1933.
Narcissus Bulboscodium x
Tulipa australis Link
Scilla monophylla L.L.
Ophrys lutea Cav.
Anemone palmata L.
Erica mediterranea

March 2 very early April 1933.
Arabis longicaulis longicornis Link
Ophrys speculum 2 & (2)
Ophrys arenaria Willd. (?)
Ophrys aqifera
Arabis laricifolia
Ophrys funca
Arabis laricifolia L. (bud petals bright yellow)

Cacis C. specus 1.
Carcinum planiplicatum

* Mrs. C.M. Kennedy sent plant to New and reports 4-29-33 quoting "the complete specimen from Portugal appears to be an extreme form D. tridentata sect. approaching C. Sinicia"
James in the formation of the life. Note: R.B.T. thought this the same as the Orchis sent 4-3-33 by Dr. Ladd from Alendia of which Mrs. K. reports from New. "The two flowers from Majorea apparently belong to O. semia leaves but I am afraid the material is insufficient for exact determination."

Mrs. C. Kennedy sent this to New v. reports 5-6-33 that they identify it as O. Scaphopax Cav."