

Gray Herbarium  
 Harvard University For all your Records



LOOSE LEAF and BOUND BOOKS

# CALENDAR 1929

JUNE.		MAY.		APRIL.		MAY.		MAY.		JAN.		FEB.		MAR.		SEPT.		OCT.		NOV.		DEC.		JULY.		AUG.																																			
Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

Right Books to Write In



LOOSE LEAF and BOUND BOOKS

# CALENDAR 1930

	JAN.							FEB.							MAR.							APRIL.							MAY.							JUNE.							JULY.							AUG.							SEPT.							OCT.							NOV.							DEC.																																																																																																																																																																						
	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.																																																																																																																																																																																					
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

*Quercus* - *alba*, *stellata*, *macrocarpa*  
*bicolor* (*planatoides*)<sup>v??</sup>

*Q. Prinus*, *Muhlbergii*, *prinoides*

*Q. rubra*, *velutina*, *palustris*, *coccinea*,  
*ilicifolia*

*Ulmus americana*, *fulva*, *sacmora*<sup>v?</sup>

*Fraxinus americana*, *pennsylvanica*, *lanceolata*  
*nigra*

*Tilia americana*, *Miebauxii*, *heterophylla*.

*Carya ovata*, *glabra*, *microcarpa*, *alba*, *cordiformis*

*Salix nigra*, *lucida*, *fragilis*, *alba*, *vitellina*  
*longifolia*, *cordata*, *pedicellaris*, *discolor*  
*petiolaris*, *lumnilis*, *tristis*, *sericea*  
*rostrata*, *candida*, *purpurea*.

*Acer pennsylvanicum*, *spicatum*, *saccharum*  
*nigrum*, *saccharinum*, *rubrum*, *Negundo*

*Betula lenta*, *lutea*, *nigra*, *populifolia*, *papyrifera*<sup>v?</sup>

6-11-38 *Lycinus alba* Hill G 384; RUBIL 68 Fl. <sup>♀</sup> Roadside northward. One fl had 6 styles instead of 5. Petals sometimes with small, linear lobes at base of blade in add. to crown. St. red at base. Calyx 1 in high; strongly marked with (often reddish) veins. Corolla 1-1/4 in diam.

6-11-38 *Melilotus alba* Desr G 610 = M. — Desr RUBIL 352 Fl. Roadside, northward. Just beginning to fl. H.F.S. calls attention to fact that M.a. is more erect & better clothed (a.f.s.) with lvs than M.o. — which has been in fl. for about 2 wks and which is more spreading, sawy & villif. marked in aspect.

640	50
20	50
800	50
7	75
818	50
7	75
118	75
18	75
898	75
11	75
480	75
12	75
398	75
10	75
265	75
7	75
202	75
18	75
240	75
0	75
220	75
28	75
200	75

146 " 1/20  
07/10 02/10

7- -38 *Poa trivialis* L. (succand) West edge of  
 lawn. A. See ill. Bul. 1433 of which smaller panicle is  
 best from plant. (Collected thinking it might be P. prat.)  
 Rough culm & sheath. long ligule & marginal nerves  
 of lemma glabrous all correct  
 B). Now withering underdeveloped seems same in all  
 particulars except marginal nerves have a few  
 hairs at base  
 Ser - Kel - 3 1/2

~~No. 100 - top 10 cm. Oct. 6 3.5 cm~~  
 FW = Falls Village  
 T.T. *ambigua* is  
 in capsule

9-9-58 *Salix nigra* Marsh. G 520; RB 51592 No. 100  
 Tree behind garage house #11. Same as that of the young  
 tree along drive at Kilmory.  
 9-9-58 *Rubus populifolius* Marsh. G 385; RB 51608  
 No. 100. Along rd near Burnside Hill. No. 100 is  
 all in all known to fall the right level.  
 common at Kilmory.

254

7-3-38 *Pyrola*

Samaras 6-19-38

7-9-38 *Leonurus Cardica* L. G 900; BVB III 121 Fl. fr.  
H.H.

7-6-38 *Nepeta Cataria* L. G 697; BVB III 113. Fl. H.H.

7-6-38 *Potentilla recta* L. G 480; BVB II 254 Fl. fr. H.H.

7-6-38 *Aspidium Thelypteris* Sw G 416 = *Dryopteris*  
— Gray BVB I 18 Fertile sterile fronds. First comes  
of heron's house. H.H. Sterile frond bipinnate with  
pinnae toothed (as found in same spot  
7-21-38) See Clute 119.

7-8-38 *Coronilla varia* L. G 518; BVB II 392 Fl. Kent about  
1 mile no. of Miss Mills<sup>Fl</sup> No fr. farming

7-7-38 *Radicula palustris* Muehl G 432; BVB II 161 Fl. v. fr.  
fr. H.H. Upper garden. Lvs shape more like ill (BVB) *R. linifida*  
but lvs at glabrous v fronds as in ill of *R. palustris*.

7-7-38 *Specularia perfoliata* A. DC. G 766; BVB III 298 Fl. v. fr.  
H.H. Upper garden.

7-7-38? *Viola papilionacea* Pursh G 582; BVB II 548 No fl  
v fr. Lf 2.6t in wide. This is the V. common around  
house at H.H. v fronds the same planted around house  
at Kilnwood.

5-30-38 *Mitella diphylla* L. G 448; Bv BII 229 Fl. fr.  
Kilnwood common near house

5-30-38 *Viola palmata* L. G 582; Bv BII 547 Fl.  
or, more likely, *V. triloba* L. G 582; Bv BII 548  
Common. (Just beginning to fl. 5-18-38 when ob-  
served with earliest lvs uncut) Peduncle  
glabrous and now shorter than lvs. Chistogamous  
peduncle more nearly erect than prostrate.  
[See 6-9-38 and 6-16-38]

5-30-38 *Botrychium virginianum* Sw G 49; Bv BII 6  
Young spores.

5-30-38 *Pedicularis Canadensis* L. G 734; Bv BII 231  
Fl (almost past). Corolla all yellow or def. reddish

5-30-38 *Smilacina racemosa* Desf. G 391  
= *Vaquera* — Morong Bv BI 515 Fl.

5-30-38 *Maianthemum canadense* Desf. G 291  
= *Unifolium* — Greene Bv BI 517 Fl

5-30-38 *Uvularia perfoliata* L. G 268; Bv BI 518 Fl  
e young fr.

5-30-38 *Polygonatum biflorum* Ell. G 392; Bv BI 531  
Fl.

5-30-38 *Habenaria Hookeri* Torr. G 309

{ 6 distinct  
vertical  
wings

= *Lysias hookeriana* Rydb. BVB I 556

[6-17-38 Still in fl.] [7-28-38 Unripe fr. capsule with v

5-30-38 *Aralia nudicaulis* L. G 606; BVB II 618 Fl v

[7-29-38 Fr. ripe. Many plants  
have stofs. young fr.

5-30-38 *Geranium maculatum* L. G 535; BVB II 737 Fl

5-30-38 *Thalictrum dioicum* L. G 750; BVB II 120 Fl ♀

Stigmas almost 3 mm long.

5-30-38 *Ranunculus recurvatus* Poir G 397, BVB II 111

Fl. Receptacle glabrous v hooked beaks apparent even  
in fl. (thus differing from those in v fl 1937) but  
there seems no quotation, is not acc. to books.

Base of st. slightly bulbous but otherwise not at  
all like *R. bulbosus*.

5-30-38 *Ranunculus acris* L G 378; BVB II 111 Early fl.

5-30-38 *Ranunculus*

A Fl. at foot of lilac across drive from kitchen door v so  
possibly brought to Kilnwood with it from Mrs. Keen

14 v more inches high. Lvs. exactly like ill BVB II 113 of

*R. septentrionalis* Poir (Also W. F. G. N. Y. Pl 70). Lvs ±  
touched with purple at edges v with purple dot in  
sinuses. Root not collected. Peduncles grooved.

Petals (cpl with *R. acris*) <sup>slightly</sup> pale v def. oblong (not  
"broadly obovate" G 397 for *R. sept* -), 11 x 5 mm. Scale broadly  
deltoid 2 mm long x 2+ mm wide. (*R. acris* has petals

almost or quite  
crossing back of  
petal.



5-30-38 petal 13x10 mm and scale less than 1 mm long & wide, not nearly covering base of petal)  
Adv. achene 2.5 mm wide. St. leaf hairs at base (hairs <sup>spreading or</sup> almost appressed) and with scattered appressed hairs on the somewhat grooved & somewhat flattened stems above.

B.  
Less luxuriant plants 10-12 in. found scattered thru woods near house. Basal lvs (the very lowest) small & divisions not stalked. Seems surely same species as A. Roots as thick but no thicker than *R. acris*. Except for this matter of roots R.B.K. would think this *R. hispidus* Michx G 397; B & B II 113. Lvs very like ill B & B. and reasonably like ill W.F. & N.Y. Pl 608. Petal & achene like A and reasonably like ill (G) of *R. hispidus*. [See 6-17-38]

5-30-38 *Erigeron pulchellus* Michx G 817; B & B III 439  
Fl. Common.

5-30-38 *Erigeron philadelphicus* L. G 817; B & B III 439  
Fl. Not common as yet. About half way down drive.  
See W.F. & N.Y. Pl 239. Head  $\frac{3}{4}$  in diam. Rays much more numerous & narrow and paler than *E. pulchellus*.

5-30-38 *Senecio obovatus* Muhl G 854; B & B III 545  
Fl. St. lvs usually hardly more than bracts; sometimes 1-1/2 in long, pinnatifid

5-30-38 *Sisyrinchium angustifolium* Mill G 302;  
BvBI 543 Fl. See W.F. of N.Y. Plate 28 B.

5-30-38 *Hypoxis hirsuta* Coille G 299; BvBI 534  
Fl. Drive just below house.

5-30-38 *Antennaria plantaginifolia*. Richards  
G 820; BvBI 451 Fl. adv. fr. Woods above house. Basal  
lvs distinctly 3-nerved and sometimes less distinct  
ly 5-nerved. Largest basal lf. collected  $5 \times 2\frac{1}{2}$  cm  
(smallest  $3.5 \times 1.5$  cm. G. cont'd). Style crimson enough  
to give ♀ fls a pinkish cast. Shape of lvs. like ill. (BvBI)

5-30-38 *Zizia aurea* Koch G 616; BvBI <sup>641</sup> II, Fl. <sup>young</sup> very <sup>early</sup> fr.

5-30-38 *Medicago lupulina* L. G 570; BvBI 357 Fl. Drive  
near rd. Fr. just beginning to form but R.B. is fairly  
sure of ident. N.B. middle lf. distinctly stalked (often  
to 4 mm) contrary to ill. BvBI. This is first time found  
in U.S.A.

5-30-38 *Anthoxanthum odoratum* L. G 131; BvBI  
171 Fl. In woods near house.

5-30-38 *Aquilegia canadensis* L. G 405; BvBI 93 Fr.  
Season almost past.

- 6-1-38 *Asclepias quadrifolia* Jacq. G 666  
 BvB III 29 Bud. 2 plants only seen, in woods  
 s-e of house, v left in place [6-17-38 Fl. Plant seen in  
 several places since 6-1]
- 6-1-38 *Viburnum lentago* L. G 760; BvB III 273 Fl  
 So. side of drive - wet spot [6-18-38 Young twig with lvs in  
 3/4. Note rusty, stellate scurf on buds v new leaf growth.]
- 6-1-38 *Viburnum acerifolium* L. G 759; BvB III  
 270 Bud. Woods east-south of house.
- 6-1-38 *Anemone thalictroides* Spaele G 400  
 = *Syndesmon* — Hoffmng BvB II 102 Fl. (Last of season.  
 Seen 5-9-37)
- 6-1-38 *Houstonia caerulea* L G 752 = *H. coerulea* L BvB III  
 251 Fl North side of drive, west end. (Seen Amberst May  
 1828 and very common May 17-29, 1937 bet. Canaan &  
 No. Sydney)
- 6-1-38 <sup>\*</sup>*Actaea rubra* Willd G 408; BvB II 90  
 Fl. Frequent but scattered in woods. Petals spatulate  
 v 1/2 as long as stamens (not "appearing to be trans-  
 formed stamens" as in *A. alba* acc. to G.). Lvs however  
 more like ill (BvB) of *A. alba*. Pedicels now white.  
 Other plants with fr. well formed observed in  
 woods [6-18-38 Fr. of *A. rubra* woods no. of drive.  
 [7-16-38 Lfts veiny-rugose escd with *A. alba* of 7-15-38]

6-1-38 *Aspidium marginale* Sw G 42; Clute 134  
= *Dryopteris marginalis* Gray BvBI 20. Young sp.  
very distinct. Frequent in woods east of house.

6-1-38 *Polystichum acrostichoides* Schott G 40; BvBI  
I 16. Young spores very evident. Clute 106

6-1-38 *Asplenium platyneuron* Oakes G 39; BvBI <sup>29</sup>  
Fron not yet unrolled but young sori evident on upper  
part. All pinnae (lvs.) nearly triangular 6 x 6 mm,  
with base appearing cordate (upper lobe larger). But  
ill. Clute 161 shows similar condition.

6-1-38 <sup>9</sup> *Cystopteris bulbifera* Bernh G 43; Clute 212  
= *Filix* — Underw. BvBI 15. By a pit near road  
north of drive. Frond not yet unrolled vs sori very  
young but C. seems only possibility (*Dichsonia*  
having been considered) Frond now 18 in of which  
6 in is stipe. Stipe light colored, smooth. Shape of  
frond like C. b — rather than C. fragilis (Clute). Frond  
minutely glandular beneath. No bulblets.  
[6-9-38 Bulblets beginning to appear. 7-10-38 Eo. of drive  
near *Aspidium noronbatense* Sw.

6-1-38 *Saxifraga virginiana* Michx G 446  
= *M. icranthes* — Small BvBI <sup>218</sup> 228; WF of NY Pl 87A.  
Fl (seen in fl 5-18-38). Woods east of house.

6-1-38 *Salix rostrata* Richards G 326

= *S. Bebbiana* Sarg BVB I 599 Fr. v young lvs. North side of drive near road. Ament on short ( $\frac{3}{4}$  in) stalk with 4 lfy bracts. Pedicels 2-3 times as long as the darkish, hairy, persistent scale. Glands very short. Capsule appressed-silky, tapering to long beak, almost or quite twice as long as pedicel. Style none. Young twigs & lvs. finely & softly hairy (20x). Lvs. rugose, yellowish-green above, gray-green below, obovate or almost elliptic with tips twisted [Curtis p 61. 2<sup>nd</sup> lf from base is best ill.], edges entire, blade narrowed to base. Stipules none. [6-30-38 Lvs fall sizes. Dull green & like grained leathier above. Prominently reticulate veins beneath. Some lvs almost glabrous beneath; others softly woolly. All Keul trees p 402 very good.]

6-1-38 *Antennaria Parlinii* Fernald G 820; BVB III 450  
♀ fl. In general vicinity of *Cystopteris*. 18 in high. Lvs. exactly as desc. Purple hairs on st. has no glands as far as R. B. K. can see.

6-1-38 *Antennaria neodioica* Greene G 822; BVB III 451 ♀ or ♂ fl. Open space north of house, shortly below spring. St of ♀ plant 12 in high. Bracts of ♂ invol. with white tips broad & toothed (see ill. BVB of *A. canadensis*. But lvs not glabrous & bright green above). Lvs tomentose above tho much less so than beneath. Lvs. shaped like ill (BVB) of *A. n.* - or *A. c.* - and apiculate. Stolon on ♂ plant slender (3 in long) & with lvs only at tips.

(This suggests poss. *A. neglecta* Green but absp. of lvs at base contra). Style pale, drying brownish. 4 chenes papillae, but no more so (in R. B. I's opinion) than those of *A. Parlinii* and *A. plantaginifolia* collected 6-1-38. Largest lf 2x1 cm. [8 heads & other bracts very like those of *A. plantaginifolia* of 6-5-38]

6-1-38? *Anthoxanthemum Puelli* Lecq. & Lamotte G 121; BvBI 171 Fl on old wood road east of house

[6-17-38 *A. odoratum* found on wood road. prob not same locus.]

6-3-38 *Pyrola chlorantha* Sw. G 629; BvBI 669 Fl. East of house

6-3-38 *Adiantum pedatum* L. G 35; BvBI 31 No sp.

6-3-38 *Polypodium vulgare* L G 34; BvBI 36 Young sp.

6-3-38 *Arenaria stricta* Michx G 380; BvBI 55 Fl. just opening. One fl. (of the 2 studied) had 4 styles

6-3-38? *Barbarea vulgaris* R. Br. G 432 = *B. Barbarea* Mac M. BvBI 177 Fl (almost gone) v. dr. fr. Drive near road. As often before R. B. I puzzles over *Barbarea*, trying to decide if this can be *B. stricta* Andry. since many of the pods & at least some of the pedicels are appressed (Others of pedicels spreading and the pods

6-8-38 pods enough out of line with pedicels to give raceme a somewhat twisted effect.)  
See BVH III #36 and SVKI 299 for best desc. of *B. stricta*  
Sepals (of fading fls) not hairy on tip; petals at least  $1\frac{1}{2}$  times length of sepals and "goldgelb" i.e. *B. vulgaris*  
Style at least 3 times as long as thick in fl. but less than  $2\frac{1}{2}$  times in oldest fr. Style distinctly broader than stigma in oldest fr. 17-13-38 Undoubted *B. vulgaris* fls fr.  
Roadside of p stumps.

6-3-38 *Potentilla canadensis* L. G 484; BVBI 257  
Fl. In woods south of drive near road. St. aubrecht. Pubescence on st. pet. v ped. spreading. Solitary fl from axil of 2<sup>nd</sup> st. lf. Petals almost round. 1 fl. as in ill (BIB)  
Lvs a fresh lightish green in spite silbly hairs on both sides - just visible to eye. No runners or rooting at tips

6-8-38 *Potentilla pumilio* Poir G 484; BVBI 257  
At southern edge of drive. Effect of plant very dif. from *P. canadensis*. Lvs darker v silbier lfts cuneate-obovate, toothed above the middle. Ill (BIB) suggestive only. The only stem consists of a slender prostrate runner,  $1\frac{1}{4}$  in. from base to a small toothed bract; then 3 in. to a lf (with stipules like the bract just mentioned), then 4 in to the unfolding tip. Runner not rooting. \*Fl. in axil of lf had peduncle  $1\frac{1}{2}$  in. (much longer than lf which is in early stage). Petals more oblong than *P. canadensis* sepals v bracts narrower.

6-3-38 *Silene antirrhina* L. G 385; BVB II 66 Fl v <sup>young</sup>  
fr. Edge of drive, north side, western half. Calyx lobes  
edged with purple. Petals dark purplish beneath,  
whitish above. Crown reduced to 2 raised dots. R.B.K.  
uprooted only plant in fl. but thinks there are others  
opp. kitchen door. [6-25-38 Fl.]

6-3-38 *Arabis hirsuta* Scop. G 438; BVB II 181 Fl v adv.  
fr. Woods east of house. 11-18 in high. Oldest fr 5 cm x 1 mm  
Seeds in one row but too young to see if winged or  
position of cotyledons.

6-3-38 <sup>f</sup>  
*Lepidium apetalum* Willd G 425 which acc  
to BVB II 166 has been confused with *L. densiflorum* Schrad  
Fl v young fr.  
Edge of drive, near *Silene*. Lvs not clasping, stem  
2; petals none; pods orbicular. Seeds too young to  
see position of cotyledons. Stem stiff, 6 in high, no  
branches. N lvs now on lower 2 1/2 in. Pods prob. will  
be winged at top. All lvs now present narrow v only  
obscurely toothed, like upper lvs of ill. (BVB) rather  
than like ill (G). [See 6-18-38]

6-3-38 <sup>f</sup>  
*Oxalis stricta* L. G 535 (See Manual of Weeds 255  
BvH 99; Cate I 267; Bon 62; SvKI 429; Walton 28)  
= *Xanthoxalis* — Small BVB II 482 Fl v adv fr.



South edge of drive.

6-3-38 fr. Desc. G fits reasonably well except stipules not at all evident. (Petiole articulated on to a slightly broadened base.) Petals tinged reddish towards base. Olfact fr. nov 18 mm., columnae as in ill (B0B). Plant yellowish green, with st. reddish at base. No runners. Sts. erect. [See 6-22-38]

6-5-38 *Luzula campestris* DC. var. *multiflora* Celak  
G 279 inc in *juncoides campestris* Kunthz B0B I  
485 Fr. Woods east of house. Heads now pale brown.  
Bracts (or bractlets) at base of heads ciliate and those  
of upper flo "fimbriate at apex" (B0B) [See G contra.]  
but as seed has appendage at base, this is only  
possibility

6-3-38 *Mitchella repens* L. G 751; B0B II 255 No fl or fr.  
South of house, beyond bar-wire fence. Ident. from  
memory v by ill. B0B. and W. F. of N. Y. Fl. 211 B [6-17-38 Fl  
Below lime-hills. Plants numerous in various places.]  
[6-22-38 Fr. one only seen. Flo. numerous]

6-3-38 *Hydrocotyle americana* L. G 611; B0B II 650 No fl  
or fr. Damp spot beyond bar-wire fence. Ident. from mem-  
ory v by ill (B0B) [6-24-38 Fl. Edge of woods just opp. house

6-5-38 *Hepatica triloba* Chaix G 400 = *H. Hepatica*  
Kunt B0B II 101 Lvs & sepals carefully observed to

D.C.

sure the plants common in woods are not *H. acutifolia*  
Fls seen May 1937

6-5-38 *Zanthoxylum americanum* L. G 537; BvB# 444  
young fr. Roadside southward. Stout thorns on old  
wood. Fl. glandular-pitted. No glands visible in lvs.

6-5-38<sup>7</sup> *Cornus circinata* L'Her G 624 = *C. rugosa* Lam.  
BvB# 661 No fl or fr (hence?) but otherwise R.B. feels sure  
of ident. Common east of drive & elsewhere. Sts green,  
dashed with purple &, on older parts, rough-warty.  
Lvs broader in proportion than in *C. florida* and  
rounded at base. More hairy than *C. f.* Cross veins  
nearer together give lf. rugose effect. Lateral veins  
about 6 pair. Very young lvs reddish. See Keeler 246.  
Hairs on lvs. beneath white & spreading; above appressed  
& arranged as in *C. paniculata* [6-14-38 FR]

6-5-38 *Cornus florida* L. G 624 = *Cynoxylon floridum*  
Ref. BvB# 664. Lvs. from tree seen in fl. in May. Leafy  
twigs more or less reddish but new growth bright  
green (not streaked with purple as in *C. circinata*)  
Bracts at base of new growth (bud scales) red & persisting  
(at least sometimes) after new growth is well started & lvs  
expanded. Hairs on lvs above white, appressed & arranged as  
in *C. paniculata*; beneath the same but also  
spreading, longer hairs on veins.

6-5-38<sup>8</sup> *Cornus paniculata* L'Her G 625 = *C. femina* Mill  
BvB# 663 Bud. In damp spot south of drive, further  
in than

6-5-38 than *Viburnum lentago* of 6-1-38. Lvs dark green  
v rather shining above, pale beneath. They look glabrous  
but (20X) show <sup>on both sides</sup> minute appressed white hairs, two  
from same point thus —. Midrib and new growth of  
twig have occasional rusty hairs besides. Since  
lvs are not "silky downy" with "brownish hairs" as in  
*C. Amomum* nor twigs "bright red purple" as in  
*C. atrovirens*, this seems only possibility. Lvs taper-  
pointed; base acute as in ill. (BvB). See also Keeler  
354. Petioles now reddish. Very young lvs tinged red-  
dish. Stems grayish brown but (as regards twigs)  
no more smooth than in the other 2 species of 6-5-38  
[7-28-38] <sup>fr. Peduncles & pedicels red.</sup> Distribution  
common in woods. Fr. not frequent.

6-5-38 *Penstemon hirsutus* Willd G 722; BvB III 182  
See W. F. G. N. Y. Pl 198. Fl. Roadside southward. Sterile stamens  
visible at tip of corolla, its yellow hairs suggesting a  
stigma.

6-5-38 *Salix*

Fr. 2 trees Roadside southward.

Using key in BvB I 591: Capsule glabrous (∴ 1-14); pedicels  
per B. 7 mm and about twice the length of gland (∴ not 1-5);  
lvs not glabrous from the first G p 522 nor petioles  
glandular BvB (∴ not 6); bracts (mostly fallen) are  
yellowish brown, <sup>at first</sup> twice as long as pedicel, hairy on  
edges v at base on back but not on inside (probably  
then 7-10). Not ♂ because teeth are fine and

10-12 to the cm. Not 10 (well known in appearance)  
Of # 11-14 none at all poss. except perhaps # 12 but  
shape of lf, shortness of petiole & pedicel & our plant  
make this unlikely.

Largest lf. now 3.5 x 1 cm, dark green & shining above,  
very pale below with appressed silky hairs on both sides  
or upper side almost glabrous (lvs on fruiting twigs  
seen glabrous both sides). Lf. very like ill of *S. alba* (G)  
Capsule 4 mm long, style about .5 mm long shaped  
much as in ill of *S. alba* (G) (but does not unlike ill  
of *S. nigra* (G)).

Fruiting aments 4-5 cm long, their twigs with 2-4  
lvs at base below. Last yrs twigs yellowish, becoming  
brownish towards tip.

Petioles not more than 2 mm. Stipules none.

Best guess now is *S. alba* L. var. *intellina* Koch G 322  
inc. (as *S. intellina* L.) in *S. alba* L. B & B I 595.

See ill (esp. good of lvs) Hough 88-89 [6-30-38] No fl or fr. Big  
tree south of drive has very yellow twigs from trunk.  
Tree north side of drive nearer house no yellow twigs  
but lvs seen exactly the same as do all willows of this  
size found so far.

### 6-5-38 *Salix*

No fl or fr. North side of drive near road. Last yrs twig  
olive-green not yellow as in above. Lvs bright green  
both sides (the lower side hardly less so than the upper)  
Lowest lvs (on new twigs) oval & rounded at apex,  
later lvs come to look exactly like ill *S. nigra* (G)  
with stipules like ill (G) Petioles 2-3 mm, hairy  
above. Lf. slightly hairy on mid-rib above & beneath

6-5-38 beneath, otherwise glabrous. No glands on  
petioles but lvs have small light-green glands at  
base like those which tip the fine beetle.

Best guess is *D. nigra* Marsh G 320; BvBI 592

See Hough 78-79 (all not very helpful) | 6-30-38 X. fl. fr.  
same place. All Keele's Trees 397 ~~good~~

6-5-38 *Trifolium pratense* L. G 509; BvBI 355 Fl

*Trifolium repens* L. G 509; BvBI 358 Fl

*Trifolium hybridum* L. G 509; BvBI 357 Fl.

6-5-38 *Melilotus officinalis* Lam G 570; BvBI 353 Fl.

Wings longer than beel & almost as long as standard  
(see SVKI 398). Stipules subulate 6-8 mm long & joined to  
petiole only at their base (not at all joined together)

[6-29-38 Pod very rounded at tip while *M. alba* is pointed

6-5-38 *Hieracium aurantiacum* L. G 872; BvBI 334 Fl

Runners 6 in long.

6-5-38 *Hieracium venosum* L. G 873; BvBI 332 Bud.

lvs not entirely glabrous. One lf on stem below middle.  
Basal lvs purple on veins.

6-5-38 *Hieracium pratense* Tausch G 872; BvBI 333

Fl. Roadside southward. Sts 2 1/2 in high. Runners 3 in  
long. Sometimes 1-2 lvs (as large as & resembling basal

lvs) near base of st. and a smaller lf near or below the middle of st.

6-5-38 *Hieracium florentinum* All. G 873; BvB III 332  
Fl. St 23 in high. General look like *H. pratense* except that lvs are glaucous and glabrous (stiff hairs on edges at base, on mid-rib beneath & a few on lower part of blade) Lf. looks & feels smooth. St. also smoother in comparison with *H. p.* - having fewer of the long, <sup>at tip</sup> dark-based hairs and practically none of the starchy tomentum (which is plentiful on *H. p.* -). Lvs shaped like *H. p.* - but smaller. 2 lvs at below middle. Fl. heads very like *H. p.*

The one plant collected has no runners & if it never develops runners it seems sure to be *H. florentinum* (not *H. pratense* because no stellate pubescence on lvs beneath). If runners are found later in season this may be *F. floribundum* or possibly a race of *H. pratense* [6-29-38 Numerous plants observed; one collected. Vegetation. Tufts of young lvs appearing at base

6-5-38 *Galium triflorum* Michx. G 750; BvB III 262  
Fl & adv. frs.

6-5-38 *Cerastium vulgatum* L. G 383; BvB II 48 Fl & frs.

6-5-38 *Arenaria serpyllifolia* L. G 380; BvB II 52 Rudov frs.

6-5-38 *Rumex acetosella* L. G 357; BvB I 653 Fl & frs.

- 6-5-38 *Onoclea sensibilis* L. G 45; BvBI 11 Sterile frond v  
last yrs fertile frond.
- 6-5-38 *Equisetum arvense* L. G 52; BvBI 39 Sterile <sup>st.</sup>
- 6-5-38 *Hamamelis virginiana* L G 453; BvBI 235  
No fl. or fr. Ident from memory v ill (BvB) v brown  
stellate pubescence on youngest growth. [6-9-38 Old fr.]  
[10-25-38 fl.]
- 6-5-38 *Viburnum Opulus* L. var *americanum* <sup>Ait.</sup> ~~Mill~~  
G 759 = *V. americanum* Mill. inc in *V. Opulus* L. BvBI  
370 No fl or fr. Ident from memory v shape of lvs desc v  
ill. esp. by the gland-like stipules 2-3 mm long and by glands  
at apex of petiole
- 6-5-38 *Triosteum aurantiacum* Richnall G 758; BvBI  
III 275 Fl v young fr. Woods so. of lower end of drive also  
6-9-38 same region. Lvs in no case perfoliate, at  
very base no wider than petiole (7 mm in the widest  
shortly (1 cm) above base, lvs may be 1-1.5 cm broad, but  
often less. These most widely-winged lvs are about in  
middle of st. v subtend the fls. Lower lvs on some plants  
shallowly lobed. Upper part of st has ~~long~~ white  
hairs tipped with purple glands, more numerous  
hairs without glands some of which are longer.  
Corolla wine color. Corolla tube curved; limb bilobed  
v lobes for upper lip; lobes for lower, but not as "distinct"

as *Gidde*. might suggest. Lobes exceed the stamens by 2-3 mm. In one case 5 fl. at a node; in all others only 2 fl. at a node i.e. one in each axil. Lvs. softly pubescent but hairs not appressed (BVB) [10-25-38] Fl. bright red unevenly suffused orange background. 18 mm long.

6-9-38 *Veronica officinalis* L. G 727; BVB III 201 FL  
Roadside southward, a few steps beyond Stumpish line  
[6-16-38 Fl. & v. fl. just above line-hill. Note long style

6-9-38! *Osmorhiza Claytoni* Clarke G 612:  
*Washingtonia Claytoni* Britton BVB II 627 Young fr.  
(Fls seen 6-6-38) Woods north of drive behind large birch.  
St. glabrous from top down to uppermost long petioled lf. Uppermost lvs associated with inf are sessile or short, about 1-2 cm petioled. If uppermost long petioled lf. is on the stem (as in one spec) the section of st. below that is hairy; if u-l-fo lf is basal (as in several spec.) st. all glabrous. This suggests *O. longistylis* (which our plant maybe) St 16 in high (prob some not collected were higher)  
Lvs & petioles very hairy with white spreading hairs  
Style & stylopodium 1.5 mm on young fr; a trifle shorter (1.4 mm) on old fr. Old fr (last yrs.) 12 mm long.  
Root & young fr aromatic but fr. less so than plant  
Mrs. Durga called Sweet Cicely at H. H. i.e. has not the definite anise odor. Lvs exactly like ill (BVB) of W. C. —  
Involucels present, bracts ciliate. Involucel none but umbel subtended by short petioled or sessile lf.

[See 6-25-38]  
27-10-38



- 6-9-38 *Celastrus scandens* L. G 557; BVBII 493 Fl  
 Roadside southward. Fl. ♀. Stamens present but very  
 short & prob. without pollen. Pedicels articulated  
 (BVBII 490). Stipules (on very young wo) 1-3 almost  
 capillary appendages.
- 6-9-38 *Campanula rotundifolia* L. G 767; BVBII 295  
 Fl.
- 6-9-38 *Viola triloba* L. (see 5-30-38) Lower part of peduncle  
 sparsely hairy. Sepals ciliate on auricles.
- 6-9-38? *Ceanothus americanus* L. G 562; BVBII 504  
 Very early bud & remains of old infl. Ident by memory of  
 hrs with Bob and Keeler 68. Lvs not shining (Keeler text will?)  
 Roadside southward, a few steps beyond Strump's line.  
 [6-17-38 Bud. Wood road from spring eastward. 6-27-38  
 Fl. Roadside southward.]
- 6-9-38 *Juglans cinerea* L. G 331; BVBII 579 No fl or fr. Road-  
 side, just beyond Strump's south line. Young growth of lf. stalks  
 clammy-hairy. Hairs on back of lf. in bundles making  
 a tawny effect (20x). Hair over old lf scars. (Huntington 45)  
 Pith in cross-section fairly definitely pentagonal. (R.B.K.  
 can not find reference - which she thinks she has  
 seen at H.H. - to this as a characteristic. [6-18-38 No fl  
 or fr. No fl or fr. near road. See Howell 49 & Keeler 2171 for

ill of *J. nigra* with lfts much more oblique at base than *J. c.* x Note: Huntington p 84 "Characteristics of oaks" pith is 5-angled"

6-9-38 *Cornus alternifolia* L.f. G 625; BVBH 663 Very young fr. Roadside just beyond Stump's outline. Tings green. The alt. lvs. clustered at tips. Hairs on lvs. beneath, as in *C. foena paniculata* of 6-5-38. Young fr. appressed hairy [6-14-38 No fls fr. East of house. Ident sure. 7-28-38 Fl. Woods south of house.

6-9-38 *Parthenocissus quinquefolia* Planch. BVBH 511 B.M. of C.P. 481 = *Paidera* — Green G 563 No fls fr. Common in woods in undergrowth. Has not been observed climbing.

a) Lfts acuminate at base so that <sup>stipules</sup> petioles are no more than 5 mm. Lfts pubescent beneath & on veins above.  
? b) Lfts rounded, sometimes oblique at base and at stalks 2-2.5 cm long. Lfts & atalhs pubescent. Petiole much twisted. Lfts all same size. This plant collected 6-5-38 in wood north of drive looking enough unlike the usual *P. q.* as to arouse doubts! But as both plants have the same woody, running, rooting stem and other similarities of bark (on old growth), cross section, scales etc. probably are same species, perhaps (or perhaps not) dif. species

6-9-88 ??? *Prunus nigra* Ait G 499; BVB II 323  
Hough 268 No fl or fr. Many found in area, <sup>aboutly</sup> south  
of drive, ~~near~~ not far in from road. Bushes were  
prob 3-4 ft & did not suggest young trees. Branches  
slender, gray. Young growth bright green, glabrous, lvs  
exactly like ill (Hough), the largest  $4\frac{1}{2} \times 3\frac{1}{2}$  in. on a pet-  
iole of  $\frac{1}{2}$  in. which bears 1-2 (usually 2) light green glands  
near apex. Stipules (some fallen) are narrowly linear  
(1 cm. long) with 1-3 shorter branches near base with small  
dark (glandular?) teeth all around ~~the~~  
lvs. thin, with short spreading hairs on both sides. Teeth  
bifid with dark gland.

6-9-88 *Vitis*

No fl or fr. Roadside southward. R.B.T. assumes it is the  
same as found commonly in woods. Young branches,  
petioles & tendrils distinctly reddish. Youngest lvs.  
slightly coppery. Lvs mostly rather like *V. vulpina* L. BVB  
# 507 but 2 lvs are like ill of *V. bicolor* (upper lvs in ill)  
Nodes solid. Tendrils intermittent. Stem glabrous.  
Petioles of older lvs. becoming glabrous. Very young lvs  
shining above & glabrous except for very short hairs on  
veins; veins beneath more generously supplied with  
longer hairs (white, spreading). Older lvs more nearly  
glabrous.

Since lvs are not "wooly" or "pubescent" or "flocose" there  
seems nothing in our range acc to G 564 except  
*V. vulpina* L. (which grows "on stream banks or

near water". Consider possibility of *V. bicolor* de Conte  
this base not now "glaucous". N.B. Lvs have sort of  
rusty tinge beneath due to lf not to hairs.  
Stipules brown, papery thin, 3-4 mm.

6-9-38 *Populus tremuloides* Michx G 328; B & B I 570  
Hough 108. No fl or fr. Young trees, only, observed so far.  
N.B. Lvs often bear 2 glands at junction with petiole.  
Lvs whiter beneath than in 2 following species.

6-9-38 *Populus grandidentata* Michx G 328; B & B I 589.  
Hough 110. No fl or fr. Tree roadside northward & elsewhere  
Unmistakable with large teeth & woolly young growth.  
No glands at base of lf. or on teeth [7-13-38 N.B. Lvs on new growth  
differ from those on old growth: much more finely toothed, flange  
at base of blade, woolly on under side, & petioles much  
less flattened.

6-9-38 *Populus deltoides* Marsh G 329; B & B I 590; Hough  
94 (B.M.G.C.P. 226 says this is *P. balsamifera* of Linnaeus)  
No fl or fr. Only young trees observed so far. The 2 glands  
at junction of blade & petiole distinct to eye. Petioles &  
lower part of mid-rib reddish (5-5-34 Near Bouveret  
Suisse very likely the same) [7-10-38 Newest twigs often  
angular-ridged & last year's growth often with narrow  
shallow corky almost wing like ridges

6-9-38 *Carex eburnea* Boott G 240; B & B I 396 fl. fr. Along  
north edge of drive. Exactly as desc. & ill. Spike very  
inconspicuous. Fr. now olive-green. Bract-sheaths

6-9-38 sheaths sometimes open at top. [7-25-38 Fl.  
ripe black & slining

6-9-38 *Equisetum*

In sand, roadside southward No sp. ~~sp.~~ but general  
look & pointed tip seem to show positively in which  
group this belongs. Sts 6-10 in high x 3-3.5 mm diam  
Centrum only a little more than .5 mm diam less  
than stem. Sheaths lie close to stem, not at all loose  
at top so they can be little, if at all, widened upward.  
Lower sheaths have broadish black girdle at base  
& narrower one at top (white band between), the  
slender acuminate teeth white, or with dark base  
edged with white. Above lower node, teeth have  
fallen, sheath is green (a little paler & more tannish  
than stem) the ridges tipped black as is to make  
a very narrow crenate ~~black~~ dark line at top of  
sheath. Cross section of st. looks most like ill (G)  
of *E. hyemale* v. *intermedium*, the inside wall  
of st. being very thin and the holes elongated rather  
than round. Ridges of st. roughish (not obviously  
"binaugulate" (G 51)) but if the white dots are silex  
then "silex of grooves in rostrulae" (G 51).  
Conclusion *E. hyemale* h. var. *affine* A.A. Easton G 53  
prob. var. in *E. hyemale* h. B & B I 41 is best guess.  
Sts several from one root spreading & curved upward.  
Locus no doubt cut over by road workers last  
year. [6-29-38 Young sp.]

6-9-38 *Plantago lanceolata* L. G 745; BVB III 246  
Fl. Drive.

6-9-38 *Chrysanthemum leucanthemum* L.  
G 847; BVB III 518 Fl. Roadside

6-9-38 *Sanicula marilandica* L. G 610 = *S. marylandica* L. BVB II 623. Early fl. length of curving styles and shape of calyx lobes leave no question as to ident.

6-9-38 *Poa*

Adv. fr. In woods frequent (studied with specimens of 6-13-38 in woods along north side of drive.) As observed previously this had been thought to resemble *Glyceria nevata* in general look. Seems surely a *Poa* because of webby hairs at base of lemma & cucullate tip of lf. Lemma glabrous, obtus<sup>2.5-3</sup>, ~~2.5-3~~ mm long (or slightly less) This seems to point directly to *P. debilis* Torr. G 157; BVB I 255. But lvs on lower part of culm 5-6 mm wide, uppermost 3 mm wide. (G. fr. P. d. - says "2 mm wide, rarely wider"). Ligule 3 mm or more, irregularly toothed at top (G. fr. P. d. - says "1-2 mm") Culms tufted (no signs creeping rootstock), 24-30 in high, <sup>up to infl.</sup> smoother, somewhat flattened. Sheaths smooth & ~~smooth~~ somewhat flattened, all shorter

6-9-38 shorter

than internodes. Blades 11-4 cm. (they look short)  
(Base of culms crowded with dead lvs - some short,  
some to 8 in long) Blade smooth except for  
minute roughness (20X) on edges & on  
mid-rib beneath (can be felt).

Branches of infl. capillary, rough, fld only toward  
tip & drooping. Lowest whorl consists of 2-5,  
usually 3, branches. Ill of P.d. (BUB) would be  
adequate for our plant. <sup>spikelet</sup>  $\frac{1}{2}$  3-  
3.5 mm, 2 fld.

Scales scarious tipped with white. Glumes  
acute 10-8 nerved. Lemma def. <sup>5-nerved</sup> beak & boat-  
shaped. Palea same consistency as lemma,  
the 2 nerves very def., almost as long as lemma.  
Glume slightly rough on beak. Pedicels of spikelets  
(except of the one terminating branchlet) shorter  
than spikelet. Consider base parts of P. trivialis  
(See 6-17-38)

6-9-38 *Poa pratensis* L. G 156; BUBI 256 Fl in  
woods. (Studied with fine specimens near  
mailbox of 6-13-38)

6-11-38 *Lycchnis alba* Mill G 384; BUBI 68 Fl ♀. Road-  
side northward. One fl. had 6 styles instead of 5.  
Petals sometimes with small linear lobes at base  
of blade in add. to crown. St. red at base. Calyx  
pink high; strongly marked with (often red-  
dish) veins. Corolla 1-1/4 in diam [7-15-38] ♂  
♀ Roadside Knapshot. ♂ fls puzzling at first with calyx

strongly marked but not swollen. Filaments hairy at base.

6-11-38 *Melilotus alba* Desr G 610-M. - Desr B & BI 352 Fl. Roadside, northward. Just beginning to fl. H.F.S. calls attention to the fact that M. a. (Cat. S) is more erect & less sprangly, scrawny, weedy than *M. officinalis* which has been in fl. fr. about 2 wks. [6-29-38 Pod more pointed than *M. officinalis* which is rounded]

6-12-38 *Carpinus caroliniana* Walt G 334; B & BI 606. Hough 114 No fl or fr. Tree <sup>across drive from front door</sup> on lawn seen in fr 1937.

6-12-38' *Ostrya virginiana* K. Koch G 334; Hough 116 = O. — wild B & BI 606 No fl or fr. <sup>(a)</sup> Tree on lawn west of garage, seen in fr. 1937. Lvs efd with *Carpinus*  
O. Lvs darkish green C. Lvs More yellowish green  
More ovate or oval ← See Hough → More nearly oblong  
Teeth sharper & more spreading & more unequal  
Slightly but softly hairy Smooth to touch.  
to touch  
Young lvs gland-dotted esp. above All lvs. dark dotted  
& some stalked glands on beneath  
petioles  
Stipules linear\* & similar in O.V.C. soon falling

(b) Vigorous young growth from trunk or young trees have larger lvs & more stalked glands on wings.



\*  
(c) Branch from young tree (col. 6-13) has stipules  
(or pairs, they are bud scales)  $11 \times 3$  mm. These before  
falling become involute & narrowly linear as seen  
in (a) v/b

6-12-38 ?? *Corylus rostrata* Ait G 338; BOBI 607 See Keele  
#54. No fls. At western edge of lawn, 2<sup>nd</sup> growth from old  
root. Collected because it looked like *Corylus* (ie *C. rostrata*).  
Jl. Keele strengthens the suspicion. Stipules broadly ovate,  
6 mm long, flat against stem, entire. Petioles hairy.  
No glands.

6-12-38 *Ulmus* [see 6-15-38

(a) From trunk of tree at end of dump.

(b) Tree roadside southward, probably beyond the 2 willows,  
Col. 6-9

(c) Tree corner of drive & road, turning north. Col 6-15-38  
All these agree in: Twigs (new growth) def pubescent  
& even last yr's twigs not glabrous; buds all bear  
brown hairs; lvs finely pubescent beneath and rough  
above with hairs having enlarged bases (in bright  
light lvs. look as tho' covered with very fine dots);  
lvs. not as strongly inequilateral as expected for  
*U. americana*. This all suggests either *U. fulva* or  
*Uracemosa* & since no corky ridged branches have  
been observed, leaves only *U. fulva* Michx G 348, BOBI 627  
But lvs. not fragrant when drying (BOB, Curtis) and

this P.B.K can think she gets a faint odor of slippery  
Elm from inner bark (of twigs) S.K. and H.F.S. cannot.  
[In light of 6-15 & 7-15 these are prob. all *V. americana* L. G 345;  
BVB I 626; Hough 183; Keele 233. See GVBVB as to larger  
size of lvs. of *V. fulva*

6-13-38 *Corylus americana* Walt G 333; BVB I 607; Keele  
449 No fl or fr. North edge of drive, lower end. Collected  
because glandular hairy new growth & petioles  
suggested Hazel-nut. & Keele<sup>ill</sup> strengthens suspic-  
ion. Only stipules left are on lvs just emerging from  
bud. These are shaped much as in *C. rostrata*  
and almost or quite entire (Keele says "toothed")  
[7-25-38 of buds. Cf. with 7-15-38. No question of ident. Common  
at Kilnwood along drive. Stipules sometimes have 1 or 2  
distinct teeth.]

6-14-38? *Galium pilosum* Ait G 748; BVB III 260 Bud.  
East of house. Ident chiefly (from among Gs with 4 broad  
lvs. & rough fr.) by dots (like elongated, flat blisters)  
on lvs. Lvs with hairs on & near edges, & on midvein.  
Lateral nerves obscure but sometimes can be  
traced almost to apex. Pedicels now short. Corolla  
greenish, glabrous. Bristles on vary short, straight,  
appressed. [Prob. *G. circaeans* Michx See 6-22-38]

6-14-38 *Tilia americana* L. G 565; BVB II 512. No fl  
or fr (See ill Curtis; Collins & Preaton.) lf. often not at all  
or hardly oblique at base. To the eye, glabrous except  
for tawny tufts of hair in axils beneath but (20x)  
shows scanty scattering of stellately arranged  
whitish hairs beneath. These not enough to  
affect

6-14-38

effect color of lf. beneath which is a grayer green than above and with a sort of a sheen (not really glaucous).

6-14-38? *Fraxinus americana* L. G 650; BvBI 225  
Hough 390. ~~tree~~ No fls fr. Lfts pecticled pale & soft-ly pubescent beneath, almost entire. Young growth almost glabrous but on newest part, as on petioles & rachis there are short, soft, spreading hairs. (some parts might be called "velvety-pubescent" as fr. *F. pennsylvanica* (G)). Still from locus & frequency R.B.H. thinks this prob. *F. a.* Lfts rounded rather than narrowed at base

BvBI 287

6-14-38? *Carya ovata* K. Koch G 331 = *Hicoria* — Britton  
Hough 58. Young trees in woods east of house. Lfts 5  
Petioles with some stellate pubescence & some sessile glands. Lvs beneath with sparse short pubescence (some hairs, esp. on veins, arranged stellately) and fine brown dots (glands?). Lvs crushed not fragrant.  
Prob. not a 5-foliate *C. alba*. N.B: *C. glabra* & *C. microcarpa* are likely to have 5 lfts.

6-14-38 *Poa compressa* L. G 155; BvBI 359; Francis 197  
Light color of very base of blade striking (Francis) Culm very slender & decidedly flattened. Woods east of house

6-14-38 *Festuca nitens* Spreng G 162 = F. — Willd  
BvBI 272 (See Francis 218) Bud. Woods east of house Only one  
spec. seen. Spikelet 5 mm, scales somewhat shorter  
than leaf. Bark BvB. Very like ill (BvB.) [7-10-38 Fz. Woods  
south of drive. Nodes not black. BvB says they are black

6-14-38 *Carex pennsylvanica* Lam G 236; BvBI 391  
(See Francis 307-8) Adv. fr. Woods east of house. Slender  
stems scaly bracted (6.211). Infl like upper part of ill  
(3), there being no remote ♀ spike with leafy bract.  
(in the 4 culms studied) Perigynia reddish brown  
at top, whitish & thickened at base. Only 1 or 2  
fr. maturing in each ♀ spike

6-14-38 *Polygala* <sup>*paucifolia*</sup> ~~*pauciflora*~~ Willd G 538; BvBI 452 Fz  
Woods east of house.

6-15-38 *Ulmus*.  
No fl or fr. Tree across rd just opp. Mrs. Keen's. Col. to sp with spec.  
p 6-12 etc. Twigs & buds the same. Lvs differ in that  
base is decidedly unequal (mid-rib naked on one  
side 5-10 mm); somewhat smoother, in look, above  
but with the same enlarged basal hairs and  
perhaps softer to touch beneath. [7-15-38 No fl or fr. Mill  
River, Mass. char. form of *U. americana*

6-16-38 *Quercus alba* L. G 339; BUBI 622; Hough 164  
No fl or fr. Easternmost tree on front lawn. Lvs all lobes  
glabrous beneath, tho (20x) very short scattered  
hairs are visible.

6-16-38 *Quercus Prinus* L. G 341; BUBI 624; Hough 176  
No fl or fr. Eastern edge of front lawn. Lf. exactly like larger  
ones ill (Hough). Pubescence beneath very fine but  
evident to eye & touch. Bark so very like *Q. alba* that  
R. B. K. can not distinguish. Lvs above glabrous.

6-16-38<sup>??</sup> *Quercus Muhlenbergii* Engelm G 341; BUBI  
624 = *Q. acuminata* Houba Hough 178 No fl or fr.  
At ~~at~~ hand cor. of walk & drive. Perhaps this is a form  
of *Q. Prinus* but differs in having lvs sharper  
toothed, <sup>minutely</sup> serrated with scattered stellate  
hairs above & much more definitely downy  
pubescent beneath. Very like ill of largest  
Lf. (Hough). None as proportionately narrow as ill (B. B.,  
or Keeler 372) N. B. Keeler 340 as to similarity.

6-16-38 ? *Quercus rubra* L. G 341; BUBI 617; Hough 138  
Tree nearest guest-room west window. Lf. glabrous  
except for stary brown tomentum in axils beneath  
Lf. yellowish green beneath & shining (diff from the other  
3 spec); shape very like ill (Hough & Keeler). Trunk

dark & smoothish with vertical cracks.

Just possibly this is *D. velutina* (see Keeler 362)  
[see 6-21-38 #2.]

6-16-38 *Viola palmata* L. G 582; BvBI 547; WF NY. 174  
Fr. Some of *V. studied*<sup>53038</sup> were undoubtedly *V. palmata*.  
Many spec. of *V. palmata* & *V. triloba* have been observed  
& plants are quite distinct as to lvs, tho R.B.V. could  
not hope to distinguish fls. N.B. Small white fleshy  
appendage on seed.

6-16-38 *Fraxinus nigra* Marsh G 651; BvBI 727;  
Hough 384. No fl or fr. Several small trees in woods  
opp. front of house, standing near white ashes (for  
comparison). No lvs collected but serrate, toothed  
lvs clearly discernible. Bark not at all like *F. amer-*  
*icana*. [6-17-38 Twig col in woods N.B. a few hairs on veins  
beneath; rachis with very narrow erect ridges or wings;  
young twig with purplish dots & scales.]

6-16-38 *Agropyron repens* L. G 166; BvBI 289 Bud  
with *Lolium*. Blade wider & bluer than L. & some of its  
nervos when held against light more distinct than  
others, about 2 on each side of midrib; ~~young twig with~~  
~~purple dots & scales~~

6-16-38 *Lolium multiflorum* Lam G 165; BvBI 282  
Fl. South edge of drive opp. front of house in profusion  
The short glumes, awned lemmas & lvs complete  
in bud make ident sure. See ill Hitchcock  
103, yellowish green.

[??]

[*C. glaucocha* Tuckerm G 244; B. & B. I 406]

6-16-38 Carex

See 6-24-38

Adv. fr. Near the Lolium. Tufted (no stolons) with many culms & many sterile shoots. Glaucescensmooth to touch  
 1 glabrous. Lvs on sterile shoots to 11 mm wide; on st. to 6 mm wide. 2 upper bracts over top culm about 1 in. (or even 2 in). Bracts leaf-like & with long green sheaths. ♂ spike about 15 mm long, pale, short peduncled (but hardly sessile), projecting slightly (i.e. to about half its own length) or not at all beyond uppermost ♀ spike. ♀ spikes 3-4; uppermost sessile or almost so, the rest on slender peduncles, the lowest often half-way down the culm on very slender, long <sup>erect</sup> peduncle. ♀ spikes now green, usually 2 cm long (shortest 1 cm., longest 2.5 cm) x about 4 mm thick, cylindrical & closely fld. Perigynia 3 mm x 1.8 mm with ~~few~~ distinct ribs (which R.B.K. would call depressed), plump & loose-acene. Beak minute, bent as in Gill of *C. laxiflora* #242, but achene not now tapered to base. Beaks thin, white, the green midrib projecting beyond acuminate tip but not at all long. Nodose in *C. scens* to fit now. When fr. up. Consider *C. laxiflora* again. If not that say #131-136.

6-16-38 929

Seedling

6-16-38 930

Seedling

6-16-38 *Ribes cynosbati* L. G 451 (See Keeler 224)  
= *Grossularia* — Mill BvBII 239. No flor fr. Top of  
lime-kiln. St. finely pubescent with 1-3 slender spines  
(4-10 mm) at nodes. Otherwise unarmed. Petioles with a  
few long brown hairs at base. Otherwise softly pubescent  
as are lvs. Lvs. shaped like ill (BvB and Keeler)

6-16-38 *Satureja vulgaris* Fritsch G 706 = *Clinopodium*  
*vulgare* L. BvB III 138 Fl west edge of front lawn.

6-16-38 *Prunella vulgaris* L. G 698; BvB III 115 Fl Near  
garage door.

391

6-17-38 *Campoxorus rhizophyllus* Link G 40; BvB I 26  
No sp. Colony on rock to right of wood road leading in  
from spring.

6-17-38 *Staphylea trifolia* L. G 557; BvB II 493 Adv. fr.  
One bush only seen between wood road & *Campoxorus*.  
One fr. only on trail. See Keeler 74 for ill of fl. [7-17-38 Fr  
bushes found in several places along north boundary

6-17-38 *Hieracium pilosella* L. G 872; BvB III 333 Fl. Open space  
with *Antennaria canadensis* of 6-1-38. Lvs gray with  
starry toment. ● sum. be. ●neath. ●setose above on  
both sides.



6-17-38 Poa.

Same as 6-9-38. In woods. No lvs more than 4 mm.

Spikelets to 4 mm with lemma 3 mm. Lemma (20X) sometimes with faintly discernable hair on mid-rib. Does not look like ill of *P. trivialis* (Farmer's Bul. 1488 p. 9). Spikelets rather noticeable with their green & white coloring.

6-19-38 Carex rosea Schreb. G 326; BvBI 365 Fr.

In woods & also at garage door. The stellate green spikes with tuft of 5 scales in center, perigynia spongy at base & roughened on edges above. (G) serve for ident. BvB heavy & dec. equally satisfied very.

6-17-38 Trientalis americana Pursh G 646; BvB #715 young fr. East of dump.

6-19-38 Climacophila umbellata Nutt. G 628; BvBI 672 No fl. fr. North of lime kiln. [7-26-38 Fl. Woods east of house.

6-17-38 Ranunculus hispidus Michx G 397; BvBI 113 (See ill W.F. N.Y. Fl. 60 B.) Fr. In woods & from same plant as 5-20-38 by lilac bush. Achenes ripe & still green 5 mm long (of which about 2 mm is beak) by

2 to more than  $2\frac{1}{2}$  mm wide. (This precludes  
*R. septentrionalis* or *R. fascicularis* acc to BVB;  
as their beaks would be longer) Beak broader  
based than in ill (G. BVB) id. more like ill (BVB) of  
*R. sept.* — In view of the oblong petals (5-30-38) this  
ident. seems satisfactory

6-18-38 *Lysimachia quadrifolia* L. G 645; BVB II 711  
Fl. Drive, north side [7-11-38 Plant with lvs. opposite.

6-18-38 *Oenothera pumila* L. G 600 = *Kneiffia* —  
Spach BVB II 601 Fl. Drive, south side Lvs have scattered  
short appressed hairs.

6-18-38 *Rudbeckia hirta* L. G 831; BVB III 470 Fl. Road-  
side. Lowest lvs divided into 3 lobes each lobe much  
like one of the upper leaves.

6-18-38 *Rumex crispus* L. G 335; BVB I 657 Fl. vado. fr.  
Roadside

6-18-38 *Lepidium apetalum* Willd G 425; M. J. W 178  
which acc. to BVB II 166 is erroneously listed instead of  
*L. densiflorum* Schrad (which S. W. I. 284 gives as in-  
troduced into Europe from N. Am.) Fl. v. fr. North edge  
of drive

6-18-38 drive. Same locus as 6-3-38 which was un-  
doubtedly same species. Cotyledons incumbant.

St 24 in. In which 6 in is inf. of 7 ascending branches, <sup>very distinct</sup>  
Lower half of st. now leafless. Lvs 1 in long with linear  
teeth, 3 mm long. Nodosa [7-2-38 Roadside opp. Stump's  
Lower lvs very like ill BvB.

6-18-38 *Erigeron Canadensis* L. G 818; = *Leptilon Canadense*  
Britton BvB II 442

6-18-38 *Asparagus officinalis* L G 290; BvB I 574 Fl.

6-18-38 *Trifolium agrarium* L G 500; BvB II 354 Fl  
No. side of drive

6-18-38 *Glyceria nervata* Trin G 159; *Panicularia* —  
Kuntze BvB I 264 Edge of drive north side (See Francis 314)  
Cfd with the unknown Poa of 6-17-38.

6-18-38 *Carex formosa* Dewey G 233; BvB I 408. Fr ripe  
No. edge of drive. Ident. by keys. very like ill. (G and BvB)

6-18-38 *Panicum*

Fl. Common along road. Too young, but cursory study  
suggests *P. tenesense* Ashe G 110; BvB I 155

6-18-38 *Festuca elatior* L. G 162; BOBI 272 Fl. *Proclada*  
See Francis 222, Hitchcock 33 - v negative char. Pub.  
#461. "auricles narrow v clawlike" rough on margins" &  
nerves separated into pairs by white lines"

6-18-38 *Carex flava* L. G 345; BOBI 430 Adv. fr. No. edge of drive  
Perigynia 5mm of which  $2\frac{1}{2}$  mm is beak. Achene 1.5mm

6-18-38 *Carya ovata* (see 6-14-38) No fl or fr. lfts 5.  
a) From young tree beside one of the 2 old, undoubted  
shag-barks with lvs. (as far as could be judged from  
the ground) exactly the same.  
b) From young tree just W of south west corner of lawn.  
Cfd with spec of 6-14. Conclusion all are C.o - .  
Refer to all 3 p. 608.  
Note: lvs from twigs along trunk do not show the well-  
known large 3 terminal lfts. By great effort one  
can imagine a faint resinous odor from crushed  
lvs. Terminal buds now lie. buds which will unfold  
this summer) lanceolate v pointed 6-7 mm long.  
Hb has woody twig much lighter than C.o. of 6-14 which  
is very dark. [See Keeler 252 for lf scars and Huntington's  
for buds.]

6-18-38 *Carya alba* K. Koch G 332 - *Hicoria* - Britton  
BOBI 582 No fl or fr. Spec. col. 6-17-38 in woods bet.  
Campstead and house. Lfts 7 (except in one off. 5)  
As to pubescence v glands this does not really differ  
from C.o. - but lvs. have very definite resinous  
fragrance

6-18-38

fragrance when crushed. terminal buds, now,  
ovate 3-4 mm long & have a stubby look of with C. o.  
Considers poss. that this is *C. glabra* or *C. microcarpa*  
which have lfts 5-7 (Hough's ill. show 5 as do most  
of the books except BvB). [7-17-38 No fls. Woods so. of house  
stellate pubescence on petioles & lfts very marked.  
lfts strongly resinous & odored. See Keeled 286 for  
lfs. scarce & Huntington<sup>44</sup> for buds.

6-18-38 *Carya cordiformis* K. Koch. G 332 = *Hicoria*  
Butt. BvB I 580 No fls. Woods in front of house.  
lfts mostly ♀; sometimes ♂. Slender buds definitely  
yellow! the terminal, summer, bud & buds for  
next year in or just above axil of lvs. last yrs. growth  
pale. Pubescence & glands much as in C. o. - v. C. a.  
Upper 3 lfts shaped like those of C. o. (not at all like  
ill. BvB) & still more broadly obovate than ill  
Hough's ♂. Teeth somewhat more spreading than  
in other 2 species & lvs. perhaps thinner. lvs. no  
more fragrant than C. o.

6-18-38 *Oxalis corniculata* L. G 534; M & W. 256  
= *Xanthoxalis* — Small BvB I 432 Fls. lawn  
& elsewhere. Some plants erect with no runners of any  
sort; others have <sup>(1)</sup> branches from base bearing fls & lvs  
which rot at nodes and <sup>(2)</sup> pale underground  
runners originating from root. Fruiting pedicels  
not deflexed. Pedicels mostly with spreading hairs  
& sometimes with short appressed hairs as well.  
This fits desc. G & M & W. exactly. Peduncles often very

widely diverging. Umbels usually 2-fl; sometimes 1 or 3<sup>4</sup>  
No sign of stipules. Fls 5-7 mm long. Fr. (not ripe but  
looks full grown 13 mm long (other fr. looks as tho' it would  
ripen much sooner) longer filaments may have  
an occasional hair (20x) but not more.

Can this be *X. cymosa* Small? B & B II 453?  
Plants 3-8 in tall. [P.B.K. has not seen again the O. of  
6-3-38 with deflexed pedicels, thought them to be  
*O. stricta*] [26-23-38 *O. stricta*] [6-30-38 Pods to 18 mm.

6-18-38 *Phleum pratense* L. G 124; B & B I 191 Pl. Drive.  
See Francis 112; Hitchcock & others as to thickened  
bulblike base of this species

6-18-38 *Thuja occidentalis* L. G 67; B & B I 65. Remains of  
old cones or ~~old~~ ♂ fls. (No signs of this year's ♀ fls so perhaps  
♂ flowers from last year.

6-19-38 *Luzula saltuensis* Fernald G 279 = *Juncoides*  
*caroliniae* Kunze B & B I 483 Fr. with pod open & seeds  
gone. Wood rd toward Kalmia. Shape of infl bears no  
doubt [6-24-38 woods so. of wire fence. Same condition]

6-19-38 *Kalmia latifolia* L. G 633; B & B II 684 Fl. (but only two  
col.) Fls almost white and not abundant on the  
many bushes.

6-19-38 *Habenaria hyperborea* <sup>R. Br</sup> Rydb. G 308  
= *Limnarcus* — Rydb. BvBI 554. Fl. On wood rid  
toward Kalmia grove (Prob. same as seen in bud 6-17 on  
road to Campstorover). The species very familiar  
in Nfld 1937 where it varied greatly (see G) but not  
recognized here at sight because of slender neck &  
smallness the lips caught up in upper sepal  
as so often observed in *H. l.* — v. *H. dilatata*. St 6-11  
in. with 3 lvs. Lips 5 mm. Spur thickish, obtuse of  
about same length. Only possibility really agrees  
well with desc. & ill. W. F. N. Y. p 71.

6-19-38 *Monotropa Hypopitys* G 630 which inc  
*Hypopitys lanuginosa* Nutt BvBI 675 One of the  
wood rid. Stigma bearded exactly as ill. (BvBI) Plants  
pale yellow.

6-19-38 *Monotropa uniflora* L. G 629; BvBI 674 Fl.

6-19-38 *Orobancha uniflora* L. G 740 = *Thalesia* —  
Britton BvBI 233 Fl. tip of ridge.

932

6-19-38 *Pyrola*

See G 628. BvBI 668 Fl. Wood rid 2<sup>nd</sup> st. fork above spring  
Corolla as green as *P. chlorantha* & at first thought

to be half-opened fls of that species. Later off with  
spec. of P. ch from bet. House & Kiln.

Style straight, deflexed but not curving upward,  
5 mm long (P. ch - 1 mm). Stigma exactly as desc (G) for  
P. minor & P. secunda (P. ch - as desc G). Style tip is  
visible beyond tips of petals (perhaps 1 mm or more)  
Disks (under ovary?) none. Lvs thick (about as in  
P. ch) but rounder ~~usually~~ in shape & at apex,  
1/2-2 cm long on petioles 2-3 cm. Raceme 6-7 fld, snow  
is not secund (might be later). All this points to  
P. minor L. (Objections are that P. minor should  
be white or pinkish and has more northerly range  
W. F. J. N. Y. p. 194-7 does not list it for N. Y.)

Anther cells seem as distinctly contracted into a  
neck (G) as P. ch. ~~G 628~~ <sup>G 628</sup> BY BII 670

If this is not P. minor, the only poss seems to  
be a cross bet. P. chlorantha and P. secunda  
or even Monarda uniflora.

Lvs even rounder tipped than ill (B18) of P. m. - Style  
exactly as ill (B18) of P. m - (ie stigma only slightly  
broader than the stout style; not as in ill of P. secunda  
N.B. This is beginning to fl. 2 wks after P. chlorantha  
which is now almost past.

~~Horizontal~~  
~~underground~~ <sup>horizontal</sup> underground stem or root stock

[See ~~7-26-38~~ 7-3-38 #934 and 7-26-38 #940

Could this be P. secunda L var obtusata Turcz  
G 628



6-19-38 *Betula lenta* L. G 334; BOBI 609 No fl or fr. On wood rd  
to Kalunia. Handsome dark smooth trunk very suggestive  
of a cherry (see Curtis 84). Twig has right taste.

6-19-38 *Gaultheria procumbens* L. G 636; BOBI 693 No fl or fr.  
On wood rd to Kalunia 7-36-38 Fl. or fr. Causeway rd com-  
mon.

6-19-38 *Melampyrum lineare* Lam G 733; BOBI 224 Fl or  
young fr. Wood rd (1st left then 1st rt. from spring)

6-21-38 *Lilium philadelphicum* L. G 288; BOBI 502 Bud.

6-21-38 *Galium lanceolatum* Torr G 749; BOBI 360  
Fl.

6-21-38 *Carex cephalophora* Muhl G 226; BOBI 366  
Fr. Woods east of house. Seems only possibility by leaf  
desc. vill which fit well except perigynia 3.5 mm  
long (G says "about 2 mm" BOB about 2.5 mm) [see 7-3-38

6-21-38 *Carex retroflexa* Muhl G 226; BOBI 364 Fl. Near  
above. Thought when col. to be *C. rosea* but the sharp  
pointed scales & smooth edges of beak very evident

(20x) No bract (on any 13 spec.). Scales falling. Perigynia about 3.2 mm of which 1 mm is beak.

6-21-38 *Avena Melica striata* Hitch G 152 = *Avena Torreyi* Nash BvBI 219 Fl. mostly fallen (6-22-38 good spec. near garage door. Sheath & ligule (as desc. G) seen best on sterile shoots; on culm sheath has been split. Spikelet 1+cm without awns; 2+cm with awns. Glumes 3-5 nerved (as G. gives for M.) not 1-3 acc. to BvB. Lemma 8 mm (without awn). Awn more than 10 mm. Hairs at base of lemma to 2 mm. Grain very free, slippery & shining, the persistent bases of styles making 2 little horns at apex (this perhaps is why G. excludes it from *Avena* see G p 140)

6-21-38 *Danthonia spicata* Beauv. G 142; BvBI 220 Fl.

[?]  
6-21-38 *Erigeron ramosus* BSP. G 818; BvBI 440 Fl. Wood-  
rd. (see 6-22-38 for [?])

6-21-38 *Achillea Millefolium* L. G 845; BvBI 510 Bud.

6-21-38 *Asarum canadense* L. G 952; BvBI 642 No fl or fr. Wood-  
rd, at left 2<sup>nd</sup> st. <sup>from</sup> spring. Remains of fl observed but  
no fr.

6-21-38?? *Antennaria canadensis* Greene G 820; BVB  
III 750 No fl or fr. Col. because lvs bright green above  
(20x shows slight tomentum, so this maybe *A. neodioica*)  
v l. nerved. Lvs not shaped as desc. v ill fr *A. neglecta*.  
lvs (ex. petiole) 1-1.5 cm x 1 cm, obovate (rather than  
oblanolate) v very like ill (G) of *A. neodioica*.

6-21-38 *Anemone virginiana* L. G 402; BVB II 99 Fl.  
Frequent in woods [7-26-38 Adv. fr. cf. with *A. cy-*  
*lindrica* of 7-26-38 v. v.]

6-21-38 *Chenopodium album* L. G 367; BVB II 10 No fl or fr.  
In parking space. Had some fr "greens" 6-19.

6-21-38 *Carya*

Lf. only fallen from tree overhead on Causeway Rd.  
Lfts 5. Cf. with *C. ovata* (a) of 6-15. Lf. thicker v firmer,  
more yellowish above and decidedly yellowish  
beneath (a. has rather a silvery sheen). Veins  
yellow v more prominent (to touch) above than  
beneath. Lower pair of lfts more distant from  
upper three than in (a); narrow v long tapered  
(instead of ovate v rather abruptly tapered as in (a))  
This arouses queries about *C. glabra* Spach and  
*C. microcarpa* Nutt. See ill Curtis 74-5. Hough 65-  
69. More of the tufted brown hairs on edge than  
- in (a). Tertiary give the edge more or a crenate

effect and are definite further towards the base of lft. than in (a).

Note: (b) of 6-18 seems about half way bet. 6-21 and (a) of 6-18 in texture & color.

6-21-38 *Quercus rubra* L. (See 6-16-38) Fr. found on Causeway Rd, tree overhead looked like the one at house  $\frac{1}{2}$  Cup 2.2 cm diam overall; 1.7 cm opening. Acorn 2 cm high overall. Exactly like ill G.

6-22-38 *Spiranthes lucida* Ames G 314 = *Ididium plantagineum* House B & B I 564 Fl. So. side of drive by drain pipe. Lvs to 18 mm wide.

6-22-38 *Fragaria virginiana* Duchesne G 479; B & B II 260 Fr. No. side of drive. No question.

958

6-22-88 *Hedeoma papposa* Pursh G 705; B & B III 136 Fl. fr. Drive various places. To 7 in high, very slender & stiff, roots few. Stems with downward curved hairs, not branched. Lvs linear 15 x 2 mm. sessile. Corolla 4.5 mm long, just showing at tip of mouth of calyx. One very minute rudimentary stamen found. Seeds papillose. Nodules from 1 lf crushed. \* Buds for branches found in lower lvs.

6-22-38 *Polygala verticillata* L. G 540; B & B III 448 (F-R) <sup>Early</sup>  
No side of drive near house. 6 in tall. 2 whorls of lvs and  
3 scattered alt. lvs above. No branches. Fls whitish in  
effect tho touched with purple (yellow in throat) and  
too close together for var. *ambigua*.

6-22-38 *Lobelia apicata* Lam G 769; B & B III 302 FL.  
Drive, no. side.

6-22-38 *Galium circaezans* Michx G 749; B & B III 261 FL  
& fr. Edge of woods west of lawn. Fls & fr. sessile on  
the divergent branches. Some spec have lvs less  
softly pub. to touch than others. Prob. G. of 6-14 was  
this & not *G. pilosum* (the "dots" being appressed hairs  
tho at time this spec. was considered discarded)

6-22-38 *Erigeron annuus* Pers. G 817; B & B III 440 Drive  
Early fl. Lvs, hairiness & general look just right.

6-22-38<sup>?</sup> *Erigeron ramosus* BSP G 818; B & B III 440  
Lvs. hairiness & general look just right.  
See Walton 170 for adequate ill. But see G. The  
heads; rays & invol. seem very much alike  
Invol more nearly "bristly" than "minutely  
hairy" and rays (i.e. the part projecting

beyond the involucre via same length as involucre. The same applies to F. 2 of 6-21 some of whose lower st. brs were broad, pecticled & toothed like F. a - Perhaps these are forms of F. a -

Cfd with *F. pulchellus* Michx and *F. philadelphicus* L. which are unmistakable. [See 6-29-38]

6-22-38 *Potentilla monspeliensis* L G 482; BVB II 253 Fl. & fr. Drive, south side

6-22-38 *Apocynum androsaemifolium* L. G 662; BVB II 21 Fl. Drive, south side.

6-22-38? *Juncus Dudleyi* Wiegand G 271; BVB I 470 Fl. & fr. Drive both sides. Key GVBVB. bring to this conclusion. Lvs. 7 to 1.7 mm wide concave rather than "flat" but not hollow or septate. Infl 4 mm. Seeds now about .5 mm [6-29-38 Roadside southward and drive. No better ident. found. On 7-10 these specimens showed auricle "yellow when dry"]

6-22-38 *Carex vulpinoidea* Michx G 227; BVB I 369 (See ill Francia 304 & 331) Fr. Rt. edge of Drive. The transversely wrinkled sheaths & fls longer than culm put finishing touches on identification.

6-22-38 *Hyssericum perforatum* L. G 573; BVBII  
593 Bud Drive

6-22-38 *Chimaphila maculata* Pursh G 628;  
BVBII 672 Bud Woods just west of house [7-26-38  
Fl. Several along Causway rd.

6-22-38 *Ambrosia artemisiifolia* L. G 828;  
= *A. elatior* L. BVBII 341 No fls fr. Plants now  
all under 6 in. high.

[See *C. laxiflora* Lam. 6-25-38

6-22-38 *Carex grisea* Wald G 344; BVB I 406 Fr. So.  
side of drive (This is *C.* observed from road was  
expected to be *C. aurea*). Whole plant ~~is~~ pale  
green & fr spikes greenish white. Sheathed culms  
sharply (almost winged) triangular (this not men-  
tioned in books) 1/2 to 6 mm wide, soft. The 3 upper  
bracts overtop culm but the uppermost bract is  
short & sometimes overtop very little, the 2<sup>nd</sup>  
bract overtopping most 1-1/2 in. Perigynia  
2.5-4 mm (G says 4.5-5.5), nervose and not  
conspicuous. Style jointed just above its base  
(G p 215). ♀ spike on slender peduncle (in one case)  
below middle of culm from 2<sup>nd</sup> fl above base.  
♀ spike less than 1 cm long. Scales white with green  
mid-rib. Tip of ~~each~~ perigynia bent ~~to one side~~ so that  
opening is on the outward side (some what as in  
all G of *C. laxiflora* 342 but not as strongly).

Not however as in Griseb of *C. grisea*.

6-22-38 *Oenothera*

Fl (just opened) edge of drive in front of house. Looks like a well established clump. Just behind a lilac bush which came from Mrs. Dean's. Very showy. Petals fully  $2.5\frac{-3}{}$  cm & opened fl  $4\frac{-5}{}$  cm across. Calyx with large glands tipping the hairs; ovary with (not many) long straight glandless hairs (cf. with *O. pumila* whose hairs, not dense, are short & gland tipped). Ovary 1 cm; calyx tube (bet. top of ovary & base of petals) 1.5 cm; rest of calyx 2 cm (of which the 4 teeth, spreading in bud are 3 (or more) mm). Teeth with long white hairs as on ovary. St. shaggy with similar hairs & lvs with similar hairs. Lvs shaped much as in ill (B1B) of *K. pratensis*, repand. If wild must be *O. fruticosa* L. G 600 = *K. fruticosa* Reimann. B1B II 602 (not like ill WF-N.Y. or *O. pratensis* L = *K.* — Small B1B II 601. [See 7-16-38

6-22-38 *Oxalis stricta* L.

(See 6-3-38) Fr. Same region & perhaps same plant as 6-3-38. St. now ± decumbent. Cf. with *O. corniculata* from lawn-edge. As to stipules: *O. stricta* comes more nearly having them than *O. c.* — does in that the part of petiole below the joint is flattened & free enough so that dissecting needle can be inserted



6-22-38 inserted between it & stem showing  
its <sup>thinner</sup> rounded edges. In D.C. - this part of petiole scarcely  
broader than the rest, edges not flattened & often  
scarcely (or not) free from stem. (Also in D.C. -  
occasional <sup>in young</sup> hairs, 3 mm long, appendages  
~~near~~ proper place for stipules - probably does not bear  
on the question)

Peduncles & pedicels with hairs appressed (O.C. -  
has pedicels with hairs spreading)

Fr. to 2.2 cm long, softly & finely pubescent with short  
slough hairs. (O.C. has a few longish hairs)

6-23-38 *Dactylis glomerata* L. G 154; B & B 1051. FR.

6-24-38 *Carex castanea* Wahlenb. G 346; B & B 411

Fr. (ready to fall) South side of drive nearer to house than  
to road. Culms 3 ft high, now, reclining. All leaves  
lead to this & desc. fit exactly except that of spike  
has peduncle of 1.8-2.5 cm (G says "very short. peduncled";  
B & B "stout-stalked". Short sheaths (no blades) at base  
of culm purplish-brown (B & B says "culms ... reddish  
purple at base"). Ill (G) perfect. Scales, which persist  
after fr. falls, minutely ciliate on edge (perhaps this  
is what B & B means by "laccate"). Perigynia 5 mm  
long of which about 2 mm is beak. Lvs on sterile shoots  
to 6 mm. The few short blades on lower part of culm  
3+ mm wide. Scales half as long as perigynia  
(B & B says "rather shorter than". Culm scantily

spreading-hairy towards the top.

6-24-38 *Aspidium noveboracense* Sw G 41 (See Clute 120) = *Dryopteris noveboracensis* A. Gray BvBI  
18 Young sp. Woods so. of drive [7-10-38 Same clump]

934

6-24-38 [2 of O.C. - is prob lf of young plant  
Fern No sp. Beside *A. noveboracense* on dry ground.  
If locus & ground were right R.B.N. would be tempted  
to query if this could be *Woodwardia virginica*  
Sw G 38 (see Clute 214) = *Anelicta* — Presl BvBI  
34. Stipe  $5\frac{1}{4}$  in. smooth, purplish, valining at base.  
Blade  $7\frac{1}{2}$  in x 5 in. very suggestive of Cinnamon  
Fern & very like ill (BvBI) of W. v. — also like ill  
Clute opp p 220 not like ill 119). Frond glabrous  
except for <sup>rusty tuft of tomentum</sup> hairs at base of stalk of pinnae beneath  
& slight ciliation on edges. Rachis with very narrow  
wings which grow still narrower toward base.  
Mid-vein of pinnae somewhat zig-zag - throw-  
ing off branches which for once & run free to  
the margin - i.e. like ill BB in the outer portion  
but not uniting in a single series of elongate  
areoles. [cf with *Osmunda cinnamomea* L. G 47, BvBI  
7] 7-15-38. Prob the same tho pinnae & pinnales much  
more widely separated.

6-24-38 *Capsella Bursa-pastoris* Medic G 426  
= *Bursa* — Britton BvBI #158 Flv fr. Drive near  
lawn.

6-24-38 *Poa* (Same as 6-9-38 and 6-17-38 Lvs 3-4 mm <sup>wide</sup>)

A. Unripe fl. 9857

B. Ripe fl.

6-24-38 *Carex aurea* Nutt G 232; BvBI 397 Fl. Woods  
so. of wire fence.

6-24-38 *Tusilago Farfara* L. G 850; BvBI 531 No fl. fls.  
Woods so. of wire fence. The well known lvs. & purple  
at base. Found in one place only.

6-24-38 *Larix laricina* Koch G 65; BvBI 60 No fl. fls.  
Woods so. of wire fence. The first P.B.K. has seen on Kilmood.

6-24-38 *Potentilla fruticosa* L. G 483 = *Diosiphora* —  
Rydb. BvBI 262 Remains of old infl. Woods just south of  
drive.

6-24-38 *Sphenopholis nitida* Scribn G 138; BvBI 244  
Fl. Woods so. of house, near or beyond wire fence.  
Unmistakable. 2<sup>nd</sup> lemma rough (G).

6-24-38 *Sphenopholis pallens* Scribn G 138; BvBI  
244 Baud. (This was grass col. 6-23 no. edge of

drive for daisy - ~~bracts~~ bouquets [7-10-38 Fr.  
upper flts mostly fallen. Lowest flt & glumes v distinct  
piece of rachis ready to fall. Panicle contracted, show  
close.

[? ? ?]

6-24-38 *Carex glaucoidea* Tuckerm G 244; BVB I 406

Fr. woods south of drive. Same Cav 6-16-38

"In thick & firm" (G) prob is comparison to "*C. grisea*" which  
has thin & soft as our plant has no thickies & firmness  
than most sedges. Scales as ill (BVB). Culin over-  
topped by bracts but (as in "*C. grisea*") the uppermost  
bract is often short & overlaps but slightly. Style  
jointed as in "*C. grisea*". General aspect of the 2 species  
very much the same. Distinctions are:

*C. grisea*: sheaths very sharp angled; lvs soft  
& sparse & few fl. I.N.B. See 6-25-38 ?? *maxiflora*

*C. glaucoidea*: glaucous.

6-24-38 *Pyrola elliptica* Nutt G 629; BVB II 669 Bud.

woods south of wire fence [7-25-38 Fl. young fr. Several  
plants with *Actaea alba*, north of drive]

6-24-38 <sup>7</sup>*Gerardia flava* L. G 730 = *Dacryctoma*. — wood  
BVB III 206 Very early bud. So of drive, in woods, towards  
road. Lvs exactly as ill (BVB) and calyx & corolla (at least  
4, filaments hairy, anthers awned at base) point  
definitely to this [7-10-38 Fr. Same place where plants are  
frequent.

6-25-38 *Cryptotaenia canadensis* DC G 615  
= *Deringa* — Kuntze BVB II 630 Fl & young fr. Near  
Bauhaus spring.

6-25-38 *Osmorhiza Claytoni* Clarke (See 6-9-38) Unripe  
fr. Near Bauhaus spring & also same locus as 6-9. Fr  
usually 1.2 cm. Style & stylopodium 1-1.5 mm. Older  
of crushed fr as disc. 6-9. P. B. K. sees no reason for  
changing opinion about ident.

6-25-38 *Cocum canadense* Jacq. G 485; BVB II 270 Fl  
& young fr. Woods north of drive. Receptacle "densely  
hairy; peduncles softly & finely hairy (not "hirsute  
with reflexed hairs" as *C. virginianum*) Petals  
pure white. So no question of identity. But among  
the dead basal lvs some are pinnate & interrupted.  
Other basal lvs. (fresh & green) are pinnate with 5 <sup>segments</sup> lvs,  
the lowest pair small, the others forming in out-  
line an equilateral triangle, segments variously  
± deeply cut with effect not ill in BVB. no. Walton  
142. (*Cocum* in bud with the same lf found 6-9-38)

6-25-38 *Collinsonia Canadensis* G 711; BVB III 153 All  
infl. & new growth. No. edge of drive. Same frequent  
in parking space. Crush of lvs rank odor  
like "Jimson weed". Petals purplish at base  
(over)

[7-25-38 FL.

6-25-38 *Asplenium Filix-foemina* Bernh G 40  
= *Asplenium Filix-foemina* Roth. Bot. BI 30 Sp. Near  
Bauban's Spring.

6-25-38 *Carex gracillima* Schwein G 234; Bot BI 407  
Fr. Near Bauban's spring (See Francis' ill. 310)

6-25-38 *Carex pallidus* L. G 238; Bot BI 415 Adv. fr.  
Woods north of drive (6-29-38 edge of woods along road or drive)

6-25-38

*Carex* fr. Prob. near Bauban's spring. 2 plants collected  
because the stems triangular winged as in "*C. grisea*"  
of 6-22. v general look very suggestive of that plant,  
with differences.

(A) ♀ spikes 1 cm long closely fld. ♂ spikes inconspicuous  
(B) ♀ spikes to 2.5 cm long loosely v. fld. ♂ spikes sometimes  
2.5 cm long v distinctly peduncled.

Reviewing specimens after they have partially dried  
R.B.K. concludes perigynia taper to base i.e. "fusiform-  
obovoid" (G 214) v the now distinct nerves elevated  
This with the oblique tip suggests all are forms  
of *C. laxiflora* Ham G 242 (See # 124-129 Bot BI 401-3)

(A) and 6-22-38 have ~~also~~ perigynia alike and  
most like

6-25-38 like BVB ill of *C. blanda* Dewey. <sup>Perigynia 3+ mm</sup>  
(B) Has also perigynia 4 mm, leaf more distinct  
& not bent over quite so far as in (A)

6-25-38 *Juniperus communis* L. var. *depressa* Pursh  
G 67 = *J. sibirica* Bunge. BVB I 66 No fls. North of  
drive. Note: lvs in 3's (whereas lvs of *J. v.* are mostly of 4's)  
and one very distinct white line on upper surface, usually  
twisted toward the ground

6-25-38 *Juniperus virginiana* L G 67; BVB I 66  
No fls. Small tree <sup>just</sup> north of drive, near road.  
Subulate lvs narrower & more finely tapering than lvs of  
*J. c.* - v with 2 rather obscure white lines on upper  
surface; lvs not twisted.

6-25-38 *Pinus strobus* L. G 63; BVB I 56 All fls & twigs.

6-28-38 *Sisymbrium officinale* Desf. var. *leio-*  
*carpum* DC. G 429 = *Erysimum officinale* L. BVB II  
174 Fls adv. fr. By garage door.

6-29-38 *Potentilla argentea* L. G 482; BVB II 253 Fls young  
fr. Drive. Style terminal but, to A. B. K., looks thickened  
& glandular at base. No question of identity [Style much  
more slender than *P. monopetala* is being thickened  
only at very base while *P. m.* - thickens immediately  
below apex.

6-29-38 *Verbena hastata* L. G 689; BVB III 95 Early fl. So. edge  
of drive (east of incinerator near *Lilium canadense*). St.  
red. Lower lvs now gone. Of those remaining none

lobed or hastate. Fringe in throat of corolla (not mentioned in books) closes throat so that, now, neither stamens nor style visible.

6-29-38 *Physalis heterophylla* Nees. G 715; BVBII 161  
Flv adv. fr. Roadside southward. Spec. in poor condition (rain & bugs) but the broad cordate (or flattened or rounded based) lvs and the viscid pubescence\* and long jointed spreading hairs\* make identification sure. (On st. lvs & fr.) [7-2-38 Fine specimen in fl. Roadside opp. Stump's land.]

6-29-38 *Anemone cylindrica* Gray G 401; BVBII 99 Fl  
& adv. fr. Roadside southward. Cfd with *A. virginiana* from near by. (*A. v.* - has been seen frequently in woods)  
Pubescence less spreading than in *A. v.*; divisions of lvs narrower (basal lvs might suggest *Ranunculus acris* - while *A. v.* - might suggest *Greenium maculatum*); sepals more blue & whiter inside; lateral peduncles without involucres  
& fr. as desc. vill [7-26-38 Adv. fr. Head cylindric (in *A. v.* - ovate); head not nearly so prickly looking as *A. v.*  
See 10-20-38

6-29-38 *Daucus Carota* L G 623; BVBII 625 Fl. Drive

6-29-38 *Lilium canadense* L G 288; BVBII 503 Fl.  
Fine specimen south side of drive east of incinerator  
Roughness of lf on edges & veins, <sup>most</sup> apparent to eye & fingers, more so to



6-29-38 to

longue & plain under microscope (20X)

6-29-38 *Asclepias incarnata* L. G 664; BVBH-26 Fl.  
South side of drive towards road. All hairs on plant are  
short & appressed. Pedicels definitely, tho not thickly  
hairy. Very new lvs aparately hairy above & on veins  
beneath; older lvs glabrous except a few hairs near  
edges. Uppermost part of stem hairy but most  
of stem glabrous, the 2 lines of hairs faint or lacking.  
Ill. W. F. & N. Y. Fl 172 good. Walton p 198 say var pulchra  
"very hairy". Petioles 13 mm. Fls almost (perhaps quite)  
as dark as ill. W. F. & N. Y. [see var pulchra 8-2-38]

6-29-38 *Oenothera muricata* L. G 598; BVBH 595  
Fl. Edge of drive. All plants inspected had hairs on  
red, tuberculate bases. Desc about length of pods, bracts  
also difficult to follow. But see SUKI 470 acc. to which  
identity <sup>family</sup> aside, corolla being just the length of the  
longer <sup>filaments</sup> (never giving the effect of extend-  
ing beyond stamens) and the free part of calyx  
1/3 as long as "Achsenbeek" i.e. calyx tube plus ovary.  
But contrary to SUK. the open fls are not "dikknopfen  
überogend" and hairs of calyx tips are not red tuber-  
clad at base (as are hairs on st. & ovary) Ill. W. F. & N. Y.  
#145 v 146 not very satisfactory from plant which  
part is more like 146 i.e. O. m. (These ill suggest  
SUK has reversed facts about fls extending beyond

buds. Corolla 1.3 mm long. [7-10-38 Adv. fr. Same place.  
Deciduous bracts shorter than fr. O. biennis L. G 598  
BVB II 595.

6-29-38 Eriogonum ramosum BSP (See 621422-38) Roadside  
southward. Cfd with E. annuum Pres By Maltree Cras  
opp. kitchen door. E. r. - with lvs narrow & entire.  
E. a. - lvs as ill BVB III 440. E. r. without spreading  
hairs which are conspicuous on E. a. - . As to heads,  
chief dif. is that E. a. - has larger center & hence  
larger head the rays of both about 5 mm long.  
E. a. - has center more greenish (very green in  
bud with rays curving over it. In E. r. - the rays are  
erect almost as soon as they appear.) E. a. - rays tinged  
purple; E. r. - rays white.

6-29-38 Plantago Rugelii DCne G 745; BVB III 246 Early fl.  
Roadside southward & drive.

6-29-38<sup>?</sup> Festuca octoploca Walt G 161; BVB I 269, Francis  
217; Hitchcock 80. Just past flowering Roadside south-  
ward. ~~leaves~~ Awns shorter than lemmas &  
no creeping rosettes make only possibilities  
F. octoploca and O. ovina. Plant tufted & not  
obviously annual. Remains of one stamen  
in many of the florets (This not conclusive as  
others may have fallen) Culms 18 in high, very  
slender, geniculate at lowest joint. Barb  
leaves

6-29-38 leaves

4-6 in long; the one at: lf with narrow blade  $1\frac{1}{2}$  in  
so at. looks very naked. Nodes dark. Ligules <sup>very</sup> short,  
with small rounded auricles; sheath glabrous (see  
Bul. 44 *E. ovina*). Infl 2 in. Spikelets to 10 mm, usually  
5-6 fl. Lemma 5 mm long, awn 2 mm. Awn rough.  
Ill. Francis Hitchc good enough. Lemma some-  
times slightly obovate toward tip (not "very obovate"  
BvB)

6-29-38 *Juncus articulatus* L. G 277; BvBI 477 Roadside  
southward.

6-29-38 *Carex festucacea* Schkuhr var *bevisii*  
Fernald G 221 inc in *C. festucacea* BvBI 383 (See  
Francis 321) Fr. Roadside southward or possibly  
along drive. Traced by key G. immediately to this.  
Ill very good. But the pale band on sheath  
not "conspicuous." [Becomes somewhat more as  
plant dries.]

6-29-38 *Agrostis alba* L. G 139; BvBI 208 (See Francis 116 v  
Bul. 1254 p. 10 = 4, *palustis* Hook & Grev. 128 Fl. Roadside  
southward, 2 ft tall.

6-29-38 *Bromus Kalmii* Gray G 164; BvBI 277 Woods  
near road. Glumes 3 v 5 nerved. Lemmas pubescent

all over. Lvs & sheaths pubescent. Blades 50/1 cm wide.  
[See *B. fungosa* 7-3-38 for comparison]

6-28-38 *Scirpus georgianus* Harper G 194; inc in  
*S. atrovirens* Muhl BUBI 335 Roadside southward  
Adv. fr.

6-29-38 *Scirpus atrovirens* Muhl G 198, BUBI 335  
Fl. North edge of drive. (See Francis 284 & 291)

Both species adequately ill by Francis ill of S. a -

S. a - has sheaths nodular (visible to eye)

S. g. - has not.

S. a - tho only infl. has bristles straight & distinctly  
barbed. S. g. has bristles barbed inconspicuously  
only at very tip, some seem smooth (20x). Bristle dif-  
fer in length & are not straight.

S. a has culm definitely tho not very sharply angled

S. g. " " more obscurely angled.

S. a has heads rather full globular and, now, pinkish green

S. g. " " which in comparison look less globular  
and much darker (brownish) in color.

A.B.M. 7-4-38 *S. atrovirens* in fr. Timber Trails Pond.

6-29-38 *Betula* ~~pap~~ *alba* L. var *papyrifera* Spach  
G 335 = *B. papyrifera* Marsh BUBI 609, Hough 1201,  
Keeler 302 No fl. fr. Young tree (not too young) road-  
side southward. From ill Hough and Keeler this  
is *B. pap* - not *B. populifolia*. This strengthens  
opinion

6-29-38 opinion

R.B.K. has been forming (observing barbs etc) that the "white bickles" at Kilnwood are all of this species & not *D. populifolia* as at first hastily assumed [7-6-38 L vs film *D. populifolia* on Brimstone Hill, H.H. fl with vs. from Kilnwood. Not at all the same.

6-29-38 Carex

A) Fr. roadside southward

B) North edge of drive (grasses growing among these grasses effect of sterile culms so that when collecting R.B.K. remembered BUI 357 #125-6.)

As B seem to be the same. General effect very like ?? *C. laxiflora* of 6-22-25 except that the obtusely triangular culm is not at all wing margined. And perigynia 2.5 mm, plumply oblong now. R.B.K. wonders if this could be *C. granulata* Muhl var *Haleana* Porter G 245 = *C. Shiversii* Britton 403

6-30-38 *Juncus nodosus* L. G 275; BUI 478 Fr. So. side of drive at end of drain pipe opp. front of house.

6-30-38 *Verbascum Thapsus* L. G 719; BUI 173 No fl or fr. Drive.

6-30-38 *Polygonum Persicaria* L. G 361 = *Persicaria*  
— Small BUI 668 Fls. Parking space.

6-30-38 *Circaea lutetiana* L. G 602; BvB II 611 Bud  
Parking space

6-30-38 *Geum strictum* Ait G 485; BvB II 271  
No side of drive & road.

6-30-38<sup>?</sup> *Salix discolor* Mill G 335; BvB I 599. No flor  
fr. Several bushes, none over 5 ft north edge of drive  
near road. Lvs of all sizes. Only very youngest pubescent  
beneath. The others very pale glaucous. Smooth above,  
~~and~~ veins beneath not prominently reticulated  
as in *S. rostrata* with which it could not be con-  
fused. Coming in on drive one meets on no. side  
*S. rostrata* (2 bushes); *S. discolor* (several bushes)  
*S. nigra* (1 bush leaning out into drive). All trees  
found so far seem to be *S. alba* (or *vitellina*?)  
BvB. ill. of *S. discolor* is good as any.

6-30-38 *Agrimonia gryposepala* Wallr. G 493; BvB II 266  
Bud. In parking space. St. finely gland-pubescent with  
interspersed long spreading hairs (conspicuous) leaves  
no doubt as to ident.

6-30-38 *Pycnanthemum flexuosum* BSP<sup>G767</sup> = *Roellia*  
*flexuosa* MacM. Early bud (Col 6-29 roadside, south  
BvB III 142) used

6-30-38 southward.

lvs linear, 30x2+ mm, rough on edges otherwise glabrous.  
St. rough with very short upward pointing hairs.  
Branches or tufts of lvs in axils. [7-22-38 FL

7-2-38 Polygonum Convolvulus L. G 362; ~~B&P~~ = Tinaria  
— Webb & Moq. B & B I 674 Fls <sup>12</sup> Directly across road from  
end of drive. Plants not in fl. frequent on Stumps side  
grd.

7-2-38 ? Betula lutea Michx f. G 334; B & B I 610 No fl or  
fr. One small tree no side of drive behind. Ident. chiefly  
by the bark which has (in some degree) characters  
remembered from H.H. Lvs. very like ill Hough  
but that is hardly enough to make sure they  
are not B. lenta. Twig seems to have faint flavor  
of wintergreen [7-16-38 Bark seems exactly like bark brought  
from an undoubted B. lutea on the Kinkaput, ~~at~~ 7-15,  
bat hole, left bank, just a few steps upstream from  
bridge.

7-2-38 Acer saccharum Mill. G 558; B & B II 496 No fl  
or fr. Lawn. No other A. found at Kilnwood to date

7-2-38 Liriodendron Tulipifera G 469; B & B II 83 No fl or fr.  
Fine tree. No side of drive near house.

7-2-38 Platanus occidentalis L. B 454; B & B II 242

No fl or fr. A poor screwy tree south side of drive  
opp. front of house.

7-2-38 *Rhus Toxicodendron* L. G 552 = *Toxicodendron*  
*radicans* Kuntze B. & B. II 484 Common everywhere  
Was in fl. about 6-8-38

7-2-38 *Taraxacum officinale* Weber G 865 = *Leontodon*  
*Taraxacum* L. B. & B. II 315 Common. Was in fl & fr.  
May 18-20.

7-2-38 *Lepidium Campestre* R. Br. G 426; B. & B. II 164 Fl & fr.  
Roadside southward but on west side of rd is not  
on Stump's land.

7-2-38 *Raphanus Raphanistrum* L. G 427; B. & B. II 195  
Fl & fr. with *Lepidium Campestre*.

A) Fls yellow, violet veined, pods constricted. Ident sure  
B) Fls white (and in R. B. K.'s opinion has never been yellow  
veined as in A.; petals slightly smaller. Pods in length  
& proportions like A. but constrictions hardly visible  
externally tho spongy transverse partitions very  
evident when pod is cut open. R. B. K. thinks this  
is not *R. sativum* in spite of color of petals.



7-3-38 *Diervilla Lonicera* Mill G 754 = *D. Diervilla*  
Mac M. BvB III 283 Fl. No. west corner of lawn just over the  
edge at foot of an *Ostrya virginica* [7-26-38 No fls. fr.  
carefully id around the bend beyond *Quercus velutina*.  
Cfd with plant near house. St. pinkish.

7-3-38 *Ranunculus abortivus* L. G 396; BvB II 110 Fl.  
Wood rd to Kalmia.

7-3-38 *Dianthus Armeria* L. G 387; BvB II 74 Fl. Wood rd to  
Kalmia [7-10-38 Fl. Region of old quarry on southern bound-  
ary of Kilnwood

7-3-38 *Veronica serpyllifolia* L. G 728; BvB III 202 Fl.  
Wood rd to Kalmia

7-3-38 *Bromus pinguis* L. G 164; BvB I 376 Fl. Woods  
east of house. Exactly as desc has sheaths shorter than  
internodes. Glumes 148 novel. This differs from  
*B. Kalmii* [6-29-38] in having more loose open  
panicle; <sup>longest</sup> branches to  $4\frac{1}{2}$  in long the lower third of  
which is naked. (*B. Kalmii* has branches less  
than 2 in, the spikelets often within  $\frac{1}{2}$  in of base

7-3-38 *Carex cephalophora* Michx G 226; BvB I 366 Fl.  
Wood rd to Kalmia & woods east of house. Carefully cfd  
with 6-21-38. Seems undoubtedly the same

Note: that in some heads the lower spikes show no ♀ fls (perhaps aborted) so that at first glance ♂ fls seem to be at base of head <sup>making</sup> for confusion in use of base. However there ~~are~~ are spikes ♀ at base & ♂ at top as in 6-21.

7-3-38 Carex

East of house or wood-ld to Kalmia. Collected thinking it probably *C. roosa* altho the 4-5 spikes close together <sup>spongy</sup> making infl of about 2 cm. But perigynia ~~not~~ at base (cf with *C. roosa*). Using G's key one arrives at *C. Muhlbergii*. But plant not pale (vs. culm & perigynia same green as *C. roosa* ~~had~~ (see B & I 352) <sup>part of lf-sheath is</sup> definitely rugulose. Hence acc. ~~to~~ <sup>to</sup> B cannot belong to Muhlbergianae but must belong to Multiflorae none of which seems to fit.

Perigynia 3.5 x 2+ mm, the thin margins curving inward, definitely veined on both faces; rough on upper margins; bidentate beak .5 mm. Bracts bristlike. Scales thin, white, the green mid-nerve prolonged into awn (lower ones longer than perigynia but others mostly as long as or shorter than perigynia and always much narrower. Culm to 23 in high, slender, sharply sulc., rugulose near top. Lvs flat 4 mm wide, on lower third-quarter of culm but the long blades reaching well up toward the top of culm

934

7-3-38 Pyrola

Same as 6-19-38

July 5-8 Motor Trips from Kilnwood to  
Haviland Hollow & return.

7-5-38 *Acer spicatum* Lam G 558; BVB II 497 Fr. Route  
7, north of Cornwall Bridge, near big hemlock.

7-5-38 *Rubus odoratus* L. G 489; BVB I ~~362~~ 296 Fl. with above

7-5-38 *Dichosia punctiloba* Gray G 45; BVI 45 Sp. with above  
~~*Dennisia*~~ ~~*facilita*~~ ~~Moore~~  
Fl. with lady fern which it sometimes greatly resembles

7-5-38 *Apocynum cannabinum* L. G 662; BVB III 22 Fl. with above

7-5-38 *Eleocharis obtusa* Schultes G 182; BVB I 313 Fr.

Timber Trails, muddy shore back of Inn. Achene + tuber-  
cle about 1.5 mm Achene lenticular; tubercle much flattened  
laterally.  
Culm 6-12 in high. Spike 6-7 mm. Basal sheath reddish.

[8-4-38 Fr. But achene dark brown. No other ident. seems  
poss. This seems surely same as 7-5-38.]

7-5-38 *Dulichium arundinaceum* Britton G 180; BVB I  
340 Fl. Timber Trails Inn with above.

7-5-38 *Carex lurida* Wahlenb. G 251; BVAE 436 (See ill  
Francis 311 v 313) Fr. with above. (or pos var. *gracilis*  
Bailey G 252 = *C. Baileyi* Britton since perigynia is  
rather abruptly contracted into beak. But culm  
is hardly slender v lvs to 6 mm wide). ♀ spikes  
2-3 cm long, 1.5+ cm wide inc. beaks, 1 cm wide not  
counting beaks. Perigynia 7-9 mm of which almost  
half is beak. 10 nerved. The narrow scales which

consist mostly of long rough awns are much shorter than perigynia. O scales rough awned. [See comparison with *C. byticina* Muell 7-18-38, 9-15-38 Fr. Konkapot. 8-4-38 Fr. Timber Trails.

7-5-38 *Carex scoparia* Schkuhr G 217; BUBI 380 Fr. With above. Ident. by tracing three both ways. All (B) bect is spikes not quite as fat & pointed as ill (G) *Perigynia* 5 mm x about 1.4 mm. Spikes 6 about 12 mm long or less. Lvs to 2 mm wide [7-15-38 Konkapot.

7-5-38 *Juncus tenuis* Willd G 270; BUBI 470 Adv. fr. With above. Cfl with *J. Dudleyi* (See 6-22-38) which it resembles. *J. tenuis* has longer infl & is much more strikingly exceeded by lowest bect. Auricles fls "long, thin membranaceous" as they should be.

7-5-38 *Glyceria grandis* Wats G 159 = *Panicularia* — Nash BUBI 260. (See ill Francis 204). With above. Spikelets purple. 2<sup>nd</sup> glume 2 mm. But spikelet only 4-5 mm (G says 5.6 mm). Ident. seems sure.

7-6-38? *Populus canadensis* Moench B.M. & C.P. 226 Lvs twig from tree on East lawn at H.H. Desc. fits very well. Lvs. 7-8 cm & almost exactly as broad as long. No glands.

7-6-38 *Nepeta Cataria* L. G 697; BvBIII 113 Fl. H.H

7-6-38 *Aspidium Thelypteris* Sw G 41 = *Dryopteris*  
— Gray BvBI 18 Fertile & sterile fronds. East corner  
of beerhouse house at H.H. Sterile frond bipinnate with  
pinnales toothed (as recorded from same spot  
7-21-28) See Clute 119

7-6-38 *Betula populifolia* Marsh G 335; BvBI 608  
No fl. fr. Along road down Brimstone Hill. Lvs. exactly  
as ill. in all books & not at all like the white birches  
common at Kilnwood which R. B. K. concludes  
must be *B. papyrifera* Marsh.

7-6-38 *Potentilla recta* L. G 489; BvBII 254 Fl & fr  
Roadside at H.H. Common

7-7-38 *Leonurus Cardiaca* L. G 700; BvBIII 120 Fl & fr  
H.H.

7-7-38 *Specularia perfoliata* A. DC. G 766; BvBIII 298 Fl  
& fr. H.H. Upper Garden E-17-38 Kilnwood.

7-7-38 *Radicula palustris* Moench G 432; BvBII  
161 Fl & adv. fr. H.H. Upper Garden Lvs shaped

more like ill (B & B) of *R. hispida* but lvs. var. glabrous & pods as in ill of *R. palustris*

7-7-38? *Viola papilionacea* Pursh G 582; B & B II 548 No fl or fr. Lf 6+ in wide. This is the *V.* common around house at H. H. & just the same planted around house at Kilnwood. (See S.C. of H. for the variety known as "confederate violet".)

7-7-38 *Salix nigra* Marsh G 320; B & B I 592. No fl or fr. Tree which sprang up behind gasoline house at H. H. Seems just like very young tree along drive at Kilnwood (See 6-5-38)

7-8-38 *Coronilla varia* L. G 578; B & B II 392 Fl. No fr. forming Kent about 1 mile north of Miss Mills on Route 7. Identity suspected at sight (from Suisse) & later verified.

2-9-38 *Tsuga canadensis* Carr G 66  
Fine tree on Route 7, east side of road, shortly north of Cornwall Bridge measured 10 ft around at about 5 ft from ground (on 7-5-38)

7-7-38 *Agrostemma Githago* L. G 384; BUST 61 FL  
Sent by Mrs. Keen for identification about June 20.  
Found spontaneous in her garden.

7-9-38 *Digitalis lanata* Ehrh B.M. J C. P 673 FL v adv. fr.  
Brought by Mrs. Keen for identification on July 5. Found  
growing in stony, sandy place west of Lime Rock  
bridge (over House Rock) along side road in general  
neighborhood of Music Mountain. 2 plants only found  
& transplanted to Mrs. K's garden. (Old house nearby  
but Mrs. K. did not think it looked as tho' escaped  
from ~~its~~ any garden it may have had.

Key leads directly to *Digitalis* v desc. of *D. lanata* as good.  
P.B.K. feels confident of ident. Corolla only  $\frac{3}{4}$  in or more  
(none 1 in as acc to desc.) Lower part of at. v lower lvs  
glabrous. Upper part of at. (incl) bracts, calyx v corolla  
covered with long, soft gland-tipped hairs. Fls  
sessile. The 2 upper v 2 lateral teeth of corolla almost  
exactly the same size. The middle lower lobe curves  
upwardly forward then down v somewhat under,  
tip very obtuse or almost rounded (desc. says  
"pointed") Lowest part of corolla <sup>tube</sup> bet. base v constriction  
nondescript whitish; upper part is much broader  
the brown reticulations on whitish ground very  
oddly striking on inside, duller but perfectly  
evident on outside. Middle lower lobe <sup>all</sup> white, its veins  
most evident beneath. Anther v tip of style  
reach just to edge of corolla under the

upper teeth. Besides the main spike (desc. says "raceme") 11 in high there are several short spikes from axils of upper lvs.

Bailey's Hortus v S.C. of H gives desc. not as good as in B.M. & C.P. and also desc. other D. with long middle lobe none of which is our plant.

7-10-38 *Steironema ciliatum* Raf. G. 646; B.V.B.T. 713 Fl  
In willow place by willow south of but not near drive.  
Fl. with *Lysimachia quadrifolia* L.

7-10-38 *Oenothera biennis* L. G. 598; B.V.B.T. 595. Ill. W.F. &  
N.Y. Pl. 145. Same as 6-29-38 from same place. Adv.  
fr. (the longest 3 cm.) Bracts except possibly the very  
lowest shorter than (well developed) pods and  
practically all fallen or falling. Infl. now look-  
ing very <sup>or</sup> ill W.F. & N.Y.

7-10-38? *Aspidium Thelypteris* Sw G. 41: *Dryopteris* —  
Gray B.V.B.T. 18 So. of drive towards road. Sterile fronds &  
new fronds which have all the look of fertile fronds  
(revolute edges) but no sori yet developed [7-29-38  
sterile fertile fronds a few steps south of drive (about mid-way)]  
No question of ident. forked veins all but indusia ciliate  
(tho not "glandular-ciliate" Gasden for *A. annulatum*)  
This is fern ● common ● on north ● side of drive  
where no ● fertile ● fronds yet ● found.



7-10-38 *Convolvulus sepium* L. G 671; BVB III 46 Fl  
Roadside opp. drive & hence not on Stump's land.  
Corolla, anthers, stigmas white. Stigmas broadly oblong  
with surface very nubby (20x)

7-10-38 *Lycopus americanus* Muhl. G 710; BVB III 148  
Fl & adv. fr. Roadside opp drive & hence not on Stump's  
land. [7-13-38 Fl. No side of drive & elsewhere common.

7-10-38 ? *Viola triloba* L. G 582; BVB II 548 Cleistogam-  
ous fr. Wood id near s-w corner of Kilnwood. 2 lvs, neither  
divided but general look of lvs (hairiness etc) very  
like undoubted *V. triloba* nearby and the  
cleist. capsule exactly like *V. triloba* (ped. hori-  
zontal, underground; capsule ovoid, purple dotted  
lf. cfd with the much more nearly glabrous  
lf. of *V.* planted east side of house (as assumed to be  
*V. papilionacea*). Only other poss. to consider is  
*V. soraria* Willd.

7-10-38 *Oryzopsis racemosa* Riches G 133; BVB I 175  
Bud. Woods south of drive (do near house). Exactly as  
desc. [7-25-38 Lemma & palea now "dark colored"  
but hidden by glumes. 10-23-38 Fr. "black".

7-10-38 *Taxus canadensis* Marsh G 62; BVB I 67

No fl or fr. Woods south of drive.

7-10-38 *Osmorhiza longistylis* DC G 612 = Washingtonia  
— Britton Bu B T 638 Fr Woods towards s-w corner of land.

Ident sure. Lfs look glabrous having only a few scattered short hairs. Style & stylepodium fully 3 mm long. Crushed fr has the definite benzoin odor of Sweet Cicely at H. H. Cf with *O. Claytoni* Clark (see 6-9-25-38) col.

7-13-38 near Bauhinia Spring where common.

O. l. has lfts less deeply cut than O. C. - whose lfts have a somewhat ferny look (2<sup>nd</sup> B B good of both).

O. l. lfts & petioles glabrous. In O. C. - the straight spreading hairs are very evident to eye & touch.

O. l. - has upper lvs def. peduncled. O. C. - has uppermost lvs almost or quite sessile.

In O. l. - beak very evident to eye. In O. C. - beak merely end of cone tip of fr. Neither could be confused with *Actaea rubra* Willd which has coarser lfts.

7-10-38

Tree or shrub? No fl or fr. Roadside southward just beyond the 2 willows by a tall juniper bearing a Stump No Trespass sign. 2 or 3 stiff upright shoots (cut from old stump) tallest not more than 5 ft. St. glabrous, dotted with lenticels, tanish green becoming reddish toward top. Lvs alt, firm & rather coriaceous, turning very black as they dry, glabrous bright

7-10-38 bright

green & shining above, somewhat paler and  
shining beneath. Petioles slender, to 2.5 cm.  
Stipules very narrow linear, 6 mm long, all  
persistent to date. Lvs ovate, acute or somewhat  
acuminate at apex, pointed (not rounded) at  
base. Largest 3.5 x 3.5 cm. Sharply <sup>very</sup> serrated, the  
teeth ascending or spreading (not at all in-  
curved). No conspicuous glands but possibly  
2 tiny (20x) projections (the tips of the teeth) at very  
base of blade or top of petiole may be considered  
glands. The very newest growth shows signs  
of fuzzy hairs. No lf buds unrolling to show  
vernation etc. A pair of short collected at the  
lateral spur on the tallest shoot (not col-  
lected is a stubby unshiny P.B.M. thistle (prob-  
ably without justification) of pear trees.  
Mid-vein of lf strong & distinct to tip; lateral  
veins distinct only toward their bases & fan-  
ing out toward margins of lf, less distinct  
beneath than on upper surface of lf.

7-11-38 *Thalictrum polygamum* Muhl G 400;  
BVBII 121 Fl. <sup>or</sup> Roadside northward.

7-11-38 *Pastinaca sativa* L. G 620; BVBII 634 Fl &  
adv. fr.

7-12-38 *Veronica virginica* L. G 726: *heptandra*.  
— Nutt BVBIII 204 Early bud. Roadside opp. Stump's  
land [7-11-38 Bud Roadside southward just beyond drive

7-13-38 *Saponaria officinalis* L. G 386; BVBIII 73. FL. Road-  
side

7-13-38 *Verbena urticaefolia* L. G 688; BVBIII 75 FL *var. rufa* fr.  
Roadside opp. Twin Doors. Corolla fringed at throat as is *V.*  
*hastata* L. Lf cfd with *Urtica gracilis* which it  
resembles but can always be known because  
not triple nerved (as is *U. g.*); blade relative-  
ly broader & petiole slightly margined (not in  
*U. g.*) [7-20-38 FL *var. rufa* fr. Roadside southward

7-13-38 *Urtica gracilis* Ait G 348; BVBIII 635 <sup>2007</sup> Bud  
Roadside opp. Twin Doors.

7-13-38 *Leonurus Cardiaca* L. G 700; BVBIII 120 FL fr  
Roadside opp. Twin Doors.

7-13-38 *Nepeta Cataria* L. G 697; BVBIII 113 FL Roadside  
opp. Twin Doors [7-20-38 FL. Roadside southward

7-13-38 *Scrophularia marilandica* L. G 721  
= *S. marylandica* BVB III 179 Fl v. adv. fr. Roadside  
opp. Twin Doors.

7-13-38 *Mentha arvensis* L. G 711; BVB III 152 Fl. Road-  
side opp. Twin Doors or Kilnwood Lvs to 3.5 x 1.5 cm  
all petioled (pet. short but distinct) Lvs subtending  
fls are ± cuneate narrowed at base; the others  
rounded or very obtuse. Stems simple, 9 in high.  
R.B.K. still (see Nfld) puzzled as to diff bet *M. a.*  
& *M. canadensis* but cannot think this is *M.*  
*canadensis*. Calyx 13-nerved (S.V. I p 374 says *M. a.*  
10-nerved). Possibly one of the several possible  
hybrids. [7-25-38 Fl woods opp. front of house (Kilnwood)]

7-13-38 *Plytolacca decandra* L. G 374 = *P. americana*  
L. BVB II 26 Fl. Roadside opp. Twin Doors [10-16-38  
Fr. Back of house & road to dump.

7-13-38 *Eupatorium perfoliatum* L. G 785; BVB III  
361 Bud Marley place no. side of drive.

7-13-38 *Mimulus ringens* L. G 723; BVB III 170 Fl  
Roadside opp. Stump land southward

7-13-38 *Sisyrinchium gramineum* Curtis  
G 303; = *S. gramineoides* B.V.B.I 545 Fl. by young  
fr. Roadside opp. Stumps land southward.

Cfd with *S. angustifolium* in fr. Note: Bracts of  
spathe much more nearly the same length than  
in *S. a.* - , the outer bract not overlapping the fls  
(in *S. a.* - it does). Pedicels (now) all 2-3 mm longer than  
inner bract. St. 4-5 mm wide [See 7-29-38

7-13-38 *Populus balsamifera* L. G 329, B.V.B.I 588; Height  
104 No fl or fr. Roadside near stumps north line. Several  
specimens of young growth, perhaps 5 ft high, per-  
haps from old stumps but not sure. Lvs very  
characteristic, exactly like those of very dif from the  
other 3 Ps of Kilnwood. Bud at base of strongly acci-  
ous.

7-13-38 *Hyssopus patula* <sup>Mozuel</sup> G 171; (See Francis 248) = *H. Hyssopus*  
Mills B.V.B.I 294 Bud Woods near Baubau's back fence  
north & west of spring. Epiloblets glaucous-gray giving  
infl a variegated green & white look - very striking  
[7-17-38 Woods south of house.

7-13-38 *Chelidonium majus* L. G 415; B.V.B.II 141 Fl. Near Baubau's  
house by roadside

7-13-38 *Carex hystericina* Muhl G 251; BUBI 437 F2  
Roadside southward opp. Stump's land possibly just  
inside fence. From general appearance thought  
when col. to be same as *C. lucida* (7-5-38) but the  
less inflated, more slenderly tapering perigynia is  
distinctly 15-20 nerved (*C. lucida* 10 nerved) This dif-  
ference obvious (20x) without counting nerves  
Achene distinctly obovoid, being broadest almost  
at the top (in *C. l.* — the rough achene is broadest  
about the middle). Beak much more slender than  
ill BUB.

7-13-38 *Scirpus lineatus* Michx G 194; BUBI 337 F2 with or  
near above. Green mid-rib of scales turns brown before  
they fall. Bristles weak, entangled, much longer than  
achene's desc. BUB not as ill. Otherwise BUB ill very good.  
St slender, triangular but not sharply so. Epillets & bases of  
the short, inconspicuous bracts about the color of "red"  
hair.

7-13-38 *Spiraea latifolia* Borkh G 456; BUBI 245 Bunk  
Roadside opp. Stump's land.

7-13-38 *Humulus lupulus* L. G 347; BUBI 633 No fl or fr  
Roadside near Twin Doss. Twines clockwise as viewed  
from tip.

7-15-38? *Selaginella apus* Spring G 58; BVBI 49 No sp.  
Roadside opp. Stumps land. Small bit under rock. Exact-  
ly as ill in Gv B (small left hand) ill except that small  
lvs are both on upper side of stem (one can not appear  
from under the st. as in ill) as is indicated in desc  
lv. of the upper plane ovate, short-cuspidate. Serrulation  
of larger lvs (i.e. lvs of lower plane) very minute.  
Edent as sure as poss. without spores.

7-14-38 *Linaria vulgaris* Hill G 719; ~~G~~ L. *Linaria* Kunt  
BDB III 179 Fl. Col. 7-11 from Roadside opp. Stumps land

7-14-38 *Centaurea Cyanus* L. G 860; BDB III 557 Fl. Roadside  
opp. Stumps drive

7-14-38 *Cichorium Intybus* L. G 862; BV B III 305 Fl. <sup>low.</sup> Near garage

7-14-38 *Cirsium arvense* Scop G 858; BV B III 553 Dug up  
along drive. Now in fl. along roadsides generally.

7-14-38? *Lonicera dioica* L. G 756; BV B III <sup>279</sup> ~~370~~ No fl or fr. Woods  
north of drive. Seems just like spec in fruit of 7-15-38  
from Konhapot



7-15-38 Konhapot River at S. to  
fishing holes below Mill River Village <sup>road</sup> along

7-15-38 ? *Lonicera dioica* L. G 756; BvBII 270 279  
See Peterson 145. Roadside bet. the 2 fishing holes. Fr.  
Ped. 1 cm bearing a compact head interrupted only  
because some berries have not developed. (This rule out  
*L. Caprifolium* L. whose fr cluster is "sessile" and *L. acunifera*  
*viridis* fr in "interrupted apices.") Upperside of connate  
lvs as desc. G. v small of fr in BvB.  
Cfd with plant at Kilwood (no fl or fr). Almost surely  
the same.

7-15-38 *Sassafras variifolium* Ktze = *S. Sassafras* Nutt  
G 414  
BvBII 184 No fl or fr. Fine clump river-side of road shortly  
below 2<sup>nd</sup> stopping place [7-17-38 Kilwood]

7-15-38 *Aetaea alba* Mill G 408; BvBII 90 Unripe fr. Roadside  
bet. the 2 fishing holes. Cfd with *A. rubra* (feathered) from  
nearby v with plants at Kilwood. As lvs perhaps *A. a.*  
is more cut v certainly teeth are sharper. Chief dif  
is that *A. a.* has lvs much which are not veiny-  
rugose as has *A. r.* - Oblong ovate Simlony (*A. r.* - small  
about 1/2 as long v ovoid. Thick pedicels v berries <sup>green</sup> slow.)  
[7-25-38 Unripe fr. Kilwood]

7-15-38 *Desmodium grandiflorum* DC G 519: *Meibomia*  
— Kuntze BvBII 396 Fl. young fr. Roadside bet. the 2

fishing holes. Fls 9mm overall. (as on 7-26-28). Shape  
of lvs & other char. perfect for this species.

7-15-38 *Cicuta maculata* L. G 614; BVBII 658 Fls young  
fr. Roadside bet. the 2 fishing holes.

7-15-38 *Malva rotundifolia* L. G 568; BVBII 515 Fls & lvs. fr.  
Roadside bet. the 2 fishing holes.

7-15-38 *Stellaria graminea* L. G 382: Alain — Better  
BVBII 45 Fls unlike fr. Roadside bet. the 2 fishing holes.  
Bases of lvs scarcely or not at all ciliate (bracts  
ciliate) but seeds plainly roughened so cannot  
be *S. longifolia* Mull.

7-15-38 *Myrosotis scorpioides* L. G 683; BVBIII 85 Fls fr  
1st fishing hole.

7-15-38 *Tiarella cordifolia* L. G 447; BVBII 2204 Fr. 1st hole  
Some lvs. strongly suggestive of *Mitella diphylla*  
but more sharply lobed & the 2 petioles with  
hairs so short that they look smooth (M. d. has  
conspicuous reflexed hairs).

7-15-38 *Lyonia ligustrina* DC G 635 = *Xolisima*  
— Britton ~~Penn~~ Br VIII 691, <sup>Fl & V</sup> Remains of fl & very young  
fr. 1<sup>st</sup> hole ~~prob~~ edge of woods across road. Ill Br B  
good. Hairs on lvs, st, corolla, ovary etc short, ap-  
pressed & not gaseous-looking. [8-4-38 Unifed fr.  
Timber Trails

7-15-38 *Scitellaria lateriflora* L. G 695; Br VIII 106  
Fl & v. fr. 1<sup>st</sup> hole.

7-15-38 *Phryma leptostachya* L. G 743; Br III 244 Fl  
& young fr. Edge of woods, 1<sup>st</sup> hole & elsewhere [7-26-38 Fl  
Elmwood

7-15-38 *Osunda Claytoniana* L. G 46; Br VIII 8  
and ~~some~~ *Osunda sensibilis* L. G 45; Br VI 11  
Sterile fronds at both holes & roadside between  
Both of these have forms with the green veins  
showing strikingly against a much lighter  
yellowish background.

7-15-38 *Osunda cinnamomea* L. G 47; Br VI 7  
sterile fronds, 1<sup>st</sup> hole. N.B. Pinnules more pointed than  
in O.C. - & veins much showing as more finely  
distinct & light-colored lines when held against  
light.

The mature fronds of with #93476-24-38

which is very like in 11 tufts of rusty wool  
at base of pinnae and in shape & veining of pin-  
nules, tho both pinnae & pinnales look much  
less crowded than on fronds of 7-15. Very probably  
# 934 is frond from a young plant. Nothos. C.C.  
found on Kilmwood so far.

7-15-38 *Hypericum punctatum* Lam G 579; B & B II 533  
No fls fr. 1<sup>st</sup> hole.

7-15-38 *Viola pubescens* Ait G 585; B & B II 539 Fr. 1<sup>st</sup> hole  
in woods, where frequent. Lf 9 cm broad. Seed 3+ mm  
Capsule woolly. The solitary capsule terminal on  
bent peduncle of 1.3 cm. Could this be from "apetalous  
fl. .... on short peduncle" (G). No cleat. Fl found at  
base of the one spec. collected.

7-15-38 *Poa triflora* Gilib G 157; B & B I 256 Seed ill  
Francis 198 v 201 Old field across bridge at 1<sup>st</sup> hole.  
Panicle not so large as ill. but can be nothing else.  
Carefully up with *P. <sup>trivialis</sup> pratensis* L. 8, 7-20-38  
from edge of lawn Kilm-  
wood and with undoubted *Poa pratensis* v. *P. compressa*  
from roadside. Infl. bin ligule, not (narrow) drooping.  
Branches wide spreading when cal. branchlets wide-  
spreading also so that each spikelet stands out  
separately forming pleasing lacy effect.

Panicle

7-15-38 Panicle  
not as ample as ill (BVA and Francis) No other  
possibility

7-15-38 *Brachyelytrum erectum* Beauv. <sup>B0BI</sup> G138; 190 Bnd  
1<sup>st</sup> hole. Cf. into *Oryzopsis racemosa* of 7-10-38 which it  
superficially resembles. (See ill Francis 108-9)

7-15-38 *Panicum latifolium* L. G117; B0BI 162 Bnd  
1<sup>st</sup> hole. St. to 30 in high largest lf 2.8 cm wide. Fl  
Spikelet 3.5+ mm long. Striking looking. Ident seems  
sure lvs ± ciliate all around but not conspic-  
uously so at base [See 7-25-38

7-15-38? *Carnus atolonifera* Michx <sup>near</sup> G624; B0BI 662  
(Keeler 252) Fr. 1<sup>st</sup> hole, at bank <sup>near</sup> bridge. St. red or  
reddish (but less bright & shining than spec  
with no fr from Kilnwood 7-21-38). Fr white to  
eye of R.B.K. or slightly leadish if she could  
stretch her imagination to call it "pale blue"  
(it is might be *C. Amomum*). Hairs all appressed,  
some esp. those on buds & newest parts brown.  
For desc. of stone see note, under ?*C. Amomum*.  
[See 7-29-38

7-15-38? *Carnus Amomum* Mill G624; B0BI 661 (see  
Keeler 248 ~~note~~ Fl. but Prob. with or near above  
at any rate near 1<sup>st</sup> hole. Very like above but  
at (even the purplish parts) dulled & green?

with remains of appressed silkeness that  
won't rub off; mid-rib silky (in ? C. a-  
mid-rib has only the usual appressed 2-  
forked hairs char. of *Cornus*); stg. infl. has a  
similar loose silkeness (? C. a- has it to a con-  
siderably less degree); lvs a trifle less white  
beneath. Peduncles (stems) terminal (2 in ? C. a-  
leafy shoots to 4 in have grown on each side  
of infl. Petals 5 x 1.7 mm narrowly triangular  
(i.e. broadest at base & with straight sides  
see B. V. B.). This fact & time of fling (see Keller  
"latest of family to flower" points toward C. A-  
Lvs cfd with *C. florida*, *C. coccinea*, ? *C. paniculata*  
of Kilmwood.

Note: Stone of ? *C. stolonifera* is very like desc  
(B. V. B.) very def. "oblique" & "pointed at base" with  
& distinct veins 3 on each face & 1 on each edge  
rather than "ridge"s. ~~Stg.~~ Stone flattened and  
higher than broad so that R. B. K. concludes  
that both these specimens may well be  
*C. Amomum*

7-15-38 *Prunus virginiana* L. G 498; Hough 281  
= *Padus nana* Roemer B. V. B. II 329 Unripe fr. 1<sup>st</sup> hole  
in old field across bridge. All the well known char-  
acteristics

7-15-38 *Betula lutea* Michx f. G 334, B. V. B. I 610 No. 10. Ident by  
characteristic bark as lvs on at H. H. across bridge at 1<sup>st</sup> hole

See 7-2-38

7-15-38 *Alma incana* Moench G337 = A. —  
Willd BvBI 613 see Keeler 460 Unripe fr. 5' buds for  
next yr. 1<sup>st</sup> hde.

7-15-38 *Corylus americana* Walt G339; BvBI 607  
Keeler 449 Unripe fr. 1<sup>st</sup> hde along road towards 2<sup>nd</sup>  
hde.

7-15-38 *Smilax herbacea* L. G295; BvBI 537 Unripe  
fr. 1<sup>st</sup> hde.

7-15-38 ? *Featua gigantea* Vill G462; BvBI Bud too  
young to see whether stigma arises at or  
near apex of ovary: *Featua* BvBI 110 or below apex  
of ovary = *Bromus* but R. B. K. is convinced plant is  
not *F. gigantea*.

Bud. R. side bet. <sup>the</sup> 2 hdes. Stout, tall (42 in) looking  
like cultivated grass. St. lfy with sheaths greatly  
overlapping. Blades 1 cm wide. Sheaths close to  
top. Ligule short with long, claw-like clasping  
auricles. Ring of hairs at top of sheath conspicuous  
1<sup>st</sup> glume 1-nerved, 2<sup>nd</sup> glume 3-nerved. Sides all  
pubescent. Seems surely to be

*Bromus altissimus* Pursh G164 which BvBI  
3876 inc. in *B. purgans* L. fl with *B. purgans*  
of Kilnwood (which differs in being much

more slender & having sheaths far from  
overlapping, no long & awl-like auricles &  
hairy ring at top of sheath inconspicuous or  
lacking)

7-15-38? *Lonicera canadensis* Marsh G 755; BOB III-281  
See Keeler 298 (ill 297 good) No fl or fr. At or bet. fishing holes.  
Branchlets as desc (Keeler) glabrous & marked with  
elevated lines which descend from bases of peti-  
oles. Lvs to 10x5 cm, thin, conspicuously ciliate.  
Stipules none. Ident. as sure as poss. without fl or fr.

7-15-38 *Crataegus*

No fl or fr. At or bet. fishing holes. Lf blue-green & looks  
glabrous tho upper surface (roughish to touch)  
has sparse, very short, appressed, white hairs.  
Lvs thin. Shape very like ill BOB II 312 of *C. jeausii*  
Sarg. G 473 but since its lvs are "yellow-green" & frs  
perhaps not frequent, our spec might be  
*C. filipes* Ashe BOB II 313 = *C. silvicola* Beadle var  
*isclawittiae* Eggleston G 472. Largest lf 6x4.5 cm.  
Truncate at base or slightly rounded or pointed;  
none cordate.

7-15-38? *Fagus grandifolia* G 338; BOB I 615; <sup>See</sup> Hough 133  
and? *Castanea dentata* Boeckl G 338; BOB I 615; Hough 135  
No fl or fr. At or bet. fishing holes. Ident. from  
imperfect & perfect likeness to ill esp. Hough.



7-16-38<sup>?</sup> *Oenothera pratensis* Robinson G 600; BMCP.  
557; S.C. & H. (ill.) 2331 = *Kneiffia* — Small BVB II 601. Same  
plant as 622-38. Fr falls before ripened. Capsule clavate  
(but not strongly so), the largest 10 mm long on a pedicel  
of 3 mm; capsule (except towards tip) & pedicel with the  
same <sup>long</sup> spreading white hairs that are found on stolon.  
(BMCP. and Gleason. *O. fruticosa* capsules as glabrous or  
sparingly gland-puberulent.) G says *O. pratensis*  
has capsules "sessile"; BVB. says "sessile" and about  
10 lines long. BMCP. & S.C. & H. says "sessile or nearly so" &  
Hortus says "fr. abort." Ill. S.C. & H. good from plant.  
But pods are lustrate rather than hispid

7-16-38 *Acer Negundo* L. G 558; BVB II 498 No fl or fr. Brought  
on 7-13-38 by H.E.S. from "spontaneous" tree behind Home  
Plant.

7-16-38 *Hydrangea arborescens* L. BMCP 328; G 450;  
BVB II 231 Fl sterile & fertile. This is shrub planted east  
of kitchen door as "Snow Ball". The 10 stamens & 2 styles  
leaves no question as to genus & P.B.K. is satisfied as to  
genus.

7-17-38 *Desmodium grandiflorum* DC. G 519  
= *Meibomia grandiflora* Kuntze BVB II 396 Fl. Woods  
near south boundary. (See 7-15-38) [7-26-38 cfd]

with *D. audiflorum* DC.

7-17-38 *Carallorhiza maculata* Raf. G 317; BVA I  
 575 Fl just off Stump's line, south boundary towards  
 Gypsum corner. St  $1\frac{1}{2}$  in tall, stoutish, pale-dull  
 purplish-tan. 3 sheathing scales, uppermost  
 reaching to middle of st. Raceme 4 in, 24-fl.  
 Fls 1.5-2 cm small of which about 2 mm is pedicel.  
 Flabrous ovary 6-8 mm long. Sepals yellowish-bronze;  
 petals the same but lighter <sup>v. yellow</sup> <sup>v. magenta</sup> <sup>stigma</sup> <sup>anthers</sup> <sup>filaments</sup> <sup>lobes</sup> <sup>margin</sup>  
 purple dotted or mar-  
 gin. Lip white, conspicuously purple dotted. Middle  
 lobe "rather square" (G), tip rather finched & crisped  
 "two narrow longitudinal lamellae near mid-  
 dle" (G) (N.B. All BVB for *C. trifida* better for our  
 plant than ill for *C. m.* - which it is very re-  
 like). Lateral lobes small & tooth-like but perfect-  
 ly distinct to eye. Column yellow with ~~magenta~~  
 spots on inner surface" (G). (See 6-19-30 for desc. of  
*C. trifida* differing from this). One plant very like W.F. 8  
 N.Y p 73 but this not conclusive evidence. [7-26-38 Fl. Came  
 way rd near bend at or *Quercus velutina*.

7-17-38 *Gerardia virginica* B.S.P. G 730 = *Dasyctoma*  
 — Britton B. & B. III 208 Fl along south boundary &  
 very frequent in old woods roads in Burton Pike  
 slash. Cf. with *G. flava* (found mostly at lower altitudes)

7-17-38 *Geranium Robertianum* L. G 535  
 = *Robertianum*. — Harkness B. & B. II 437 Fl v adv fr.  
 Wood

7-17-38 Woods near south boundary.

7-17-38 *Arabis laevigata* Poir. G 438; BVBII 181 Fr.  
Woods near south boundary. St. lvs remaining,  
lower & basal lvs gone.

7-17-38 *Specularia perfoliata* A. DC. G 766; BVBIII 298 Fr.  
Woods near south boundary. 4-8 in high, slender. Spec-  
imens insignificant & in comparison to 7-7-38  
from H. H. Upper Garden.

7-17-38 ? *Coeydalis sempervirens* Pers G 419:

Capnoides — Borealis BVBII 144 Fr & 1 bud on  
"Lookout Rock." Only small bit of spec. collected  
(only one seen hereabouts so far) & difficult to de-  
termine. The bud terminal on short branch and  
may not be intending to develop. Corolla 5 mm  
overall, the apex short, rounded and almost cov-  
ered by sepals. Sepals broadly deltoid-ovate, toothed  
around base, pointed at tip, with a small green  
protuberance at base of mid-vein. Capsules  $\frac{3}{4}$ -1  
in long, nodose or tomentose (?) & spreading rather  
so ill (BVB) fr *C. aurea*. Seed about 1.5 mm diam.  
Hairs shining, finely marked, edge not sharp.  
No conspicuous ducts subtending pedicels (As fr *C.*  
*flavula*). WFQ N.Y. Plate 80 shows pods like ours  
fr *C. sempervirens*.

7-17-38 *Sassafras variifolium* Ktze G 414 = S.  
*Sassafras* Nutt B. B. II 134 No fls fr. Woods south of  
house towards So. boundary. Patch of several stems  
of young growth 1-3 ft high.

7-17-38 *Rhus typhinal* G 552; ~~558~~ = *Rhus* Sudw B. B. II  
481 No fls fr. Woods south of house, north edge of drive.

7-17-38 *Woodsia obtusa* Torr. G 44. B. B. II 14. <sup>see</sup> Clute 96  
Sp. on "Lookout Rock" on rocks below & slightly  
southward on Burton Peice land. Fronds 9 in  
overall of which stipe is 3 in (See Clute who seems  
to say a stipe of 6 in "blade" would be 2 in). Stipes a  
pinnate tan, slender but very stiff, ~~the~~ <sup>the</sup> ~~stipes~~  
with small scattered scales. Upper part of  
rachis & fronds beneath minutely glandular  
puberulent (20x). Small sporangia very near  
the edge. Indusium <sup>obscure</sup> split into lobes <sup>obscure</sup> but  
not making the def. star-shaped leaf R. B. K. had  
expected in a *Woodsia*. Spec. very like ill. (Clute)  
esp. the drawing of <sup>stipe</sup> frond. The fronds from Lookout  
Rock had edges considerably curled under  
hiding sporangia when collected. Cf. with  
*Cyathea rubra* of 7-10-38. See Clute for dif from  
*C. fragilis* which has relatively longer stipe  
sharper

7-17-38 *Chas. f. p.*

pernae & pinnules and (R.B.K. judges) is not gland. pubescent beneath (at least books do not mention it & Clute does mention "glandulae" for *C. bulbifera* ...)

7-17-38 *Vaccinium stamineum* L. G 639: *Polycolium*  
— Greene BVB II 697 *Unif. fr.* On B. Price land below & south of Lookout Rock. General look as remembered & like ill (BVB). One withered corolla shows anthers exerted, prolonged into long slender tubes and curved. Young twigs & lvs beneath (glaucous) pubescent. Fls not articulated with pedicels. Lvs entire with hairs on edges.

7-17-38<sup>?</sup> *Vaccinium vacillans* Nalm G 640, BVB II 702 (see Peterson 278) Adv. fr. Near above. Glabrous throat except for (sometimes) inconspicuous line of short hairs on the green waxy twigs. Lvs. suggest those of *V. stamineum* but are (1) not quite as thick; <sup>(2)</sup> primary veins less conspicuous above & beneath & lvs glabrous making them smoother to eye & to touch (3) edges minutely serrate & late with relatively long bristle-like tips (of the teeth) spreading slightly & lying parallel to edge of lf (not curved so as to make tooth look rounded). Lvs oval, oblong or obovate varying greatly in size & shape, largest longest 4.5, broadest 2.5 cm.

acute to very obtuse or rounded; base obtuse or rounded. General effect is of finer broader  
lvs than R.B.K. associates with Blueberry (because  
of acquaintance with *V. pennsylvanicum* in  
W.F.L.) Petioles short. Fr. 2-4 in the clusters. not droop-  
ing. Calyx little somewhat reddish. [All Keeler 327  
not consulted]

7-17-38 *Desmodium rotundifolium* DC. G 579

= *Meibomia Michauxii* Vail B. & B. II 397, W.F. & N.Y. 147

No fl or fr. Woods near south boundary. Shape of lvs  
unmistakable [7-28-38 <sup>Early</sup> Bud on wood <sup>id</sup> shortly above  
its crossing of south boundary same place as 7-17  
(also elsewhere in woods)]

7-22-38

7-17-38? *Lespedeza procumbens* Michx G ~~533~~ <sup>533</sup>;

R. & B. II 403 No fl or fr. Woods near south boundary.

Found (as remembered 7-19) in several places <sup>forming</sup> mats. St & lvs softly downy with short hairs <sup>spreading</sup>  
(hairs on lower part of stem to point downward  
but are not appressed). Stipules setaceous, 2 mm  
long. Lfts about 2 x 1.5 cm, exactly as desc. R. & B. [7-28-38  
<sup>Early</sup> lhd. with *D. rotundifolium*. Same place as 7-17

7-23-38

7-17-38? *Lespedeza frutescens* Britton G 534; R. & B.

II 406; W.F. & N.Y. 150 Very early bud. Woods prob near

Gypsaum corner or perhaps on R. Peice land.

Looks very like ill. W.F. & N.Y. Lvs green & glabrous above,  
paler & appressed pubescent beneath. St. appressed  
pubescent. Stipules setaceous, 3 mm long, also  
appressed

7-17-38 appressed pubescent. Lfts<sup>to</sup> about 2.5 x 1.2 mm  
(some larger, some smaller) on slender petioles  
about 2 cm (more or less). Peduncles slender, from  
upper axils, now to 1 cm long. In some cases longer  
than subtending petioles but not longer than  
lvs. Lfts rounded at tip & venues mucronate.

St. branching [7-30-38 No fls. In woods east of house by  
the "Red Spruce". R.B.K. thinks it the same as 7-17. GAT  
with #937  
9  
1/2 38

7-17-38? *Desmodium paniculatum* DC G 571  
Walton 210: Meibomia — Kuntze B. & B. II 399, 50  
fl. or fr. Somewhere in same region as above.  
All signs point to *Desmodium* or *Lespedeza*. (Shor  
very like ill B. & B. II 417) *Clitoria mariana* L. but  
range seems to put this out of possibility). And  
none at all pds. as to lf shape & hairiness have  
lfts large enough except this. St. slender &  
stiff, somewhat grooved, looks glabrous but  
has a few scattered, spreading hairs. Lfts thin,  
the largest 8.5 x 1.8 cm with petiole of 4.5 cm,  
scattered, appressed hairs on both surfaces.  
General look of lf very like ill (Walton) (Ill. B. & B  
would be better if it showed petiole longer & stalk  
bet. lateral lfts & terminal lf long (1.8 cm in lf<sup>x</sup>  
measured.) Stipules aurulate 2.5 mm. Edipels sim-  
ilar & obvious to eye.

7-17-38?? *Genista tinctoria* L. G 527; B.V.BII 350  
 Walton 72. No fl or fr. General region of the above  
 very likely in slash on B. Peice land. At first  
 slight R. i. r. thought of *G. t.* (as remembered from  
 Suisse) & on studying it finds nothing to the  
 contrary but evidence too slight for certainty.  
 St. green & striped with darker green lines,

7-17-38 *Helianthus divaricatus* L. G 895; B.V.BIII 483  
 Early fl. Near Gypsaum corner. Perhaps on land of B. Peice.

7-17-38 *Berberis vulgaris* L. G 413; B.V.BII 127 No fl or fr. Woods  
 south of house towards south boundary. No spines. But,  
 in add. to general correct look, wood yellow, petioles  
jointed. Some fls very broad very round at apex.  
 Ident. sure. [7-25-38 No fl or fr. In woods just no. of drive  
 & west of house. Has spines.]

7-17-38? *Prunus virginiana* L. G 498; Hough 281  
 = *Prunus nana* Roemer B.V.BII 329 No fl or fr. On walk  
 south boundary to west of Rock pass on B. Peice land.  
 Carefully cfd with undoubted *P. v.* of 7-15-38. Same  
 in shape of lvs, teeth, glands etc. The only dif: lvs  
 teeth smaller so that general effect is lighter &  
 daintier and lvs. green (pale) rather than  
 whitened on the back. Inner bark has strong rather  
 acrid smell, poss same as *P. v.* of 7-15 but difficult  
 to compare.



7-17-38<sup>?</sup> *Prunus serotina* Ehrh. G 497; Hough 283  
= *Pedus virginiana* Mill. BVB II 329 No. fl. or fr.  
Same as found (low ground) in woods near house  
& thought likely to be *P. s.* - v puzzled over because  
lv. show rusty <sup>wooly</sup> pubescence each side of mid-rib  
beneath, toward base.

7-17-38<sup>?</sup> *Gentiana Andrewsii* Griseb. G. 658 =  
*Dasytephana* - Small BVB III 12, Bnd. Several  
plants by Horace's "Blue Spruce". Calyx lobes spreading  
like a little green flower (as remembered at H.H.)  
with center of fl. is narrow base of lobes) whitish &  
edges of lobes tinged purplish. Only other poss. would  
be *G. Saponaria* L.

7-19-38 *Acalypha virginica* L. G 543; BVB II 458 Fl. or fr.  
Edge of front lawn.

7-19-38 *Galinsoga parviflora* Cav. G 843; BVB III 502  
Fl. Near garage.

7-19-38 *Thalassia caucasiensis* G 121; BVB I 170 Fr.  
Among Vines from Mrs. Keen.

7-19-38 *Triticum aestivum* L. B.M.C.P. 116. Near  
garage.

7-19-38? *Euphorbia maculata* L. G 547 = *Chamaesyce*  
— Small <sup>B.M.C.P. 467</sup> No fl or fr. This is the spurge with spotted fl  
which grew on bare spot at S-W corner of lawn (now 7-20)  
abl pulled up. Lvs to 2.8 x .9 cm. St. reddish; spots red.  
Lvs pale beneath. Ident very probable (*E. humistrata*  
would be the next guess)

7-20-38 *Euphorbia hirsuta* Wiegand G 546 = *C. Raf-*  
*inesqui* Small B.M.C.P. 467 Fl or fr. Roadside opp Shump  
land, toward southern boundary. Lvs smaller than  
*E. m.*-, more pointed, pale green above & slightly whit-  
ish beneath.

7-20-38 *Setaria viridis* Beauv G 118 (See Francis  
79 & 91) = *Chaetochloa* — Scribn B.M.C.P. 165. Near above  
Spikelet 2.5 mm but identity sure. Infl ~~raceme~~ *paniculate*;  
1<sup>st</sup> glume much less than  $\frac{1}{2}$  length of spikelet; racis villos.  
2<sup>nd</sup> glume vattels lemma equal to fertile lemma.  
[7-29-38 Parking place

7-20-38 *Poa trivialis* L. G 157; B.M.C.P. 255 <sup>A)</sup> West edge of lawn  
See ill. Bul. 1439 which smaller panicle is best for  
our plant. (Collected thinking it might be *P. pratensis*.  
Rough culm

7-20-38 Culin v sheaths, long ligule v marginal  
nerves of lemma naked - all correct.

B). Nearby. Now withering undeveloped. Seems same  
in all particulars except marginal nerve  
has a few hairs at base.

7-29-38?? *Carex atolonifera* Michx G 624; BvBI 662  
10 ft or fr. A few steps <sup>north</sup> of drive in the soil of clearing  
west of house. Collected to go with C. of 7-15-38. <sup>traces of</sup> ~~fr~~  
twigs v bud like spec thought at first to be C. 2 -  
and twigs brighter v more shining. But as the 7-15-  
specimen later (on examination) <sup>of fr</sup> seemed  
likely to be *C. Amomum* Mill this may be too.  
[see 7-29-38]

7-21-38? *Clematis virginiana* L. G 402; BvBI 122 No fl  
12 ft. Common in woods. Only other spec. *C. verticillaris*  
D.C. (which seems unlikely to be so common) see ill  
of both species W.F. N.Y. Fig XVII v Pl 73 [10-20-38 Fr. Tail of fr  
3 + 3.5 cm. These plants must have blossomed after August 1st]

7-25-38 *Habenaria psycodes* Sw G 559 = *Blephariglossa*  
— Rydb. BvBI 559. Fl. Brought by Mrs. Keen from rd bet  
Fairacre v Twin Lakes. Fine specimen. Spike 3.5 cm  
wide. Lip 1 cm wide. Raceme (now) 2 in high, densely  
many-fl'd with about half of the fls open, half in bud.  
~~But intended~~ to be planted by Mrs. K.

7-25-38 *Sesapias Helleborine* L. G 919; BvBI 563 Fl  
Brought by Mrs. Keen. One of 3 plants found in

a neglected part of her garden (where she expects to find *Gentiana crenata* in season)  
(See also *F. pipactis latifolia* All. Cont. II 414, B. N. 327 3432  
v *Helleborine latifolia* Druce S. O. K. I 167 all referring to same plant which R. B. K. found in Suisse. See 7-30-33 and 7-4-34.)

St. 30 in high. Spikes 9 in high (upper 2 in buds) x 2 in wide. Fls at least <sup>72</sup> 50; Fl 15 mm wide (bet tips of lateral sepals). These sepals being 12-13 mm long. Sepals & petals of blended pale green & pale mauve but petals as much differentiated in sepals & petals as in all *Coronilla* Pl. III. R. B. K. Suisse notes apply except 7-4-34 as to anthers. In our plant the back of anther (ie the part left when pollen is removed) is a conspicuous, 3 x 2 x 2 mm., moveable as it is attached by a very slender base.

7-25-38 *Desmodium canadense* DC G 521 = *Meibomia canadensis* Kuntze B. V. II 401 Fl. Big clump near drive, near road. (Fls. collected from same plant in June)  
St. 4 ft. stout, ridged & vertically striped with red. Fls 13 mm from base to tip of ped. The large rate <sup>leaves</sup> (B. V. B.) subtend groups of fls. and in addition each group has 2 narrow linear bracts (one on each side). Stipules linear-lanceolate, about 7 mm. Whole plant looks & feels rough.

7-25-38? *Solidago juncea* Ait G 793; BuB III 393  
Walton 54 Woods just no. of drive. Key leads to G  
#35-37 and says are 8-12. Infl much like ill  
Walton. v small lvs in axils of upper st. lvs. lvs  
on lower part of st. longer than those nearest base  
and none more than 8 in (i.e. 2 dm.). Ciliation  
can be found but is not constant nor conspicuous.  
N.B. After inspection of numerous specimens  
about place - wet edge of lawn (dry) in woods  
(some places wet from recent heavy rains) but  
prob. not in places permanently swampy.  
This species has <sup>only</sup> begun to open, the 1<sup>st</sup>, and the  
only yellow fld one now out. Plants of other  
species observed. Lvs of what is prob. sterile <sup>young</sup>  
~~beside the~~ <sup>along</sup> ~~at~~ side of st. are over 1 ft overall nar-  
rowing shortly below the middle into the long  
bordered petiole of which ciliation at base is  
sometimes conspicuous. R.B.K has been watch-  
ing these tufts of lvs & the dried remains of last yrs.  
stems & infl. All (B & B) good of infl. sterile fl. R.B.K  
considers ident. as accurate as possible. b. lvs limitations.

7-25-38 *Solidago bicolor* L. G 789; BuB III 383 Walton 172  
Fl. No. of drive

7-25-38 *Lotelia inflata* L. G 769; BuB III 303. Fl. v. large  
No. edge of drive frequent. Note tufts of lvs tipped

white (as is also *L. spicata* var *P.B.K.* thinks she remembers in other *Lobelia*s.

7-25-38 *Lycopodium uniflorum* Michx G 709; BvBIII 147 FL  
No edge of drive. Cfd with *L. americanum* Mulh nearby.

7-25-38? *Hedeoma pulegioides* Pers. G 705; BvBIII 136  
Walton 232. Early bud. Banks so. side of drive. Ident  
as sure as poss. T.S.

7-25-38 *Amphicarpa monoica* Ell G 530  
= *Falcata comosa* Kuntze BvBII 417 No fl or fr. Very  
common 10-25-38 Fr.

7-25-38 *Rhus glabra* L. G 552; BvBII 482 No fl or fr No  
side of drive

7-25-38 *Panicum latifolium* L. G 117; BvBI 162 FL  
Woods just no. of drive. St 12 in high. Lvs to 2.4 cm  
Not so striking as spec of 7-15-38 but ident seems sure  
Infl meager.

7-25-38 *Actaea alba* Mill G 408; BvBIF90 Unripe  
fr. No. side of drive, east of westernmost power-pole  
a few steps in behind white oak. Only a few  
seen on hillside so far (not collected) *Ruscus*  
like spec of 7-15-38. v.lvs. smooth. [7-26-38 3 fine spec-  
imens seen not far from base of hill towards south.

7-25-38 *Carex*

Fr not developed. No side of drive. Using keys G v  
BvB one arrives at *C. tetanica* Schkuhr G 238; BvBI  
398. Plant has 4 fertile culms v tuft of lvs v has  
thrown out 2 slender stolon white with brown-  
ish scales) 4 in long. Culms to 12 in, slender,  
sharply triangular, roughish only at top.  
St. lvs 20 mm wide. Sheath of lowest bract 4-10 mm.  
♂ spike on slender rough peduncle of 2-4 cm, the  
spike well raised above the upper ♀ spike.  
♀ spike 2 on rather short slender erect peduncles  
(or in one case lower peduncle 3 cm above top of sheath)  
in all cases ♀ spikes standing so that top of one  
reaches to <sup>base</sup> of the other. Spikes 1.5-2 cm long x  
3-4 mm wide, loosely about 8-12 fls. Perigynia  
now green, 3.5-4 mm long, with minute, emarginate  
beak. Perigynia smooth but nerves can be discerned  
and some dried ones show raised nerves plainly.  
But beak is not bent at all ("strongly bent" G) Per-  
haps if fr. had developed beak would have been  
bent. And scales (white with bright green  
mid-nerve) in the lower ones have this mid

nerve prolonged from between the 2 rounded shoulders  $\rightarrow$  into a roughish awn, making scale as long or longer than perigynia (awn of lowest as long as scale) upper scales shorter than perigynia, awn almost disappears. G is "absolutely mucronate" greatly undistorted). Shape of perigynia perhaps fruit fresh.

7-25-38

No fl or fr. Shrub to about 3 ft growing by *Desmodium canadense* thought when collected might be *Prunus virginiana*. Pro is not. Bark of year before last when scraped shows bright yellow beneath - no! a second attempt shows only yellowish-green!

7-26-38 *Desmodium nudiflorum* DC. G 519

*Nerbonia nudiflora* Kuntze BvBI 395 Fl. Canaway id. top of ridge (fl with *D. grandiflorum* 7-28-38. Inf of *D. n.* a raceme or if paniculate, only narrowly so. G - has a few wide spreading branches to 4 in long) D. n. - has corolla pale lavender (D. g. is pale but def. pink) D. n. in shape of fr. obvious.

7-26-38 *Quercus velutina* Lam G 343; BvBI 619

Hough 149. See also Keeler 357; Sargent 250. No fl or fr. Canaway id. beyond Canaway about where it turns northward along ridge. R. B. K. thinks, from bark, the same species seen 7-17-38 with *Cerallorhiza* shortly west



7-26-38 west of Gypsum Corner) Lvs (from twig  
on trunk) broadly & siniately lobed, usually  
lobes rounded at tip but always distinctly  
briate tipped (some of the other veins ending in  
briates also). This outline of lf diff from usual  
ill that R.B.K. greatly puzzled & tried to fit it to *D.*  
*marilandica* or *D. ilicifolia*. See Keler & Sargent  
for desc. which admits our spec. to *D. velutina*  
Lvs. carefully sp'd with *D. alba* & *D. rubra* near by.  
Lvs shining above (the others dull) & rough <sup>ish</sup> above  
to eye & touch (the others smooth) with small  
brown stellate hairs (20x) Lvs yellowish green &  
shining beneath (*D. a.* - gray-green & dull; *D. r.* -  
somewhat less gray & dull) with stellate hairs  
(like those above) esp along mid-rib as on petioles  
(until rubbed off). Buds pubescent (*D. a.* - buds  
pubescent; *D. r.* - buds glabrous except scales  
ciliate on edge). Bark well ill. Hough and  
Huntington 93 & 96. the difference evident even  
to R.B.K.'s eye!

Note Huntington say buds of *D. a.* - "smooth" (p 85) and  
of *D. r.* - have "fine hair" (p 94) Our spec (now) are  
just the reverse.

7-26-38? *Amelanchier canadensis* Medic G 459.  
Bov III 292; Hough 373, Keler O.N.T. 153. No fl or fr.  
With *Quercus velutina* & elsewhere along rd.  
Perhaps 10-15 ft high, the separating bud

ery arching over rd, the smooth, grayish  
tendrils show longitudinal striations (not  
muscular as in *Carpinus*) (see Connell  
Bul. 26 p 54 with Hough.) Lvs. both sides (esp. be-  
neath) & petioles still show traces of tomentum.  
Buds narrow & pointed. \* is var *Botryspium* T. & G.  
As to parts of *A. oblongifolia* Roem: pro, lvs tend to be  
oblong or even slightly widest slightly above mid-  
dle (P. & B says "ovate oval"; G. ovate to "ovate-oblong");  
contra, lvs sharply acute to acuminate & venat  
all are definitely tho slightly cordate at base.

7-26-38? *Aster Schreberi* Nees. G 804; B03III 441 Fl.  
Woods south of causeway rd, one spec only of several.  
(This seems, as remembered, to be same as  
col. but not studied 7-15-38). All lvs (except very  
uppermost) cordate & petioled, rays white, plant  
not glandular; heads corymbose; involucre  
obovate, cylindrical; no "tufted basal" lvs collect-  
ed - with apex. R.H. does not remember 7-27 whether  
they existed or not.) Lowest lf  $\frac{1}{2}$  in above base of  
st; the next above it fully as large (i.e.  $6 \times 4\frac{1}{2}$  in)  
St. glabrous. Lf glabrous beneath except oc-  
casional hairs on veins, roughened (not very  
rough) by scattered, spreading short white  
hairs above. Heads fully 1 cm high. The 8-9 rays  
1 cm. long. This is not the same as colony of  
*A.* at parking place - see below.

7-26-38? *Aster macrophyllus* L. G 804; B1BIII  
411 Bud. Large colony at parking place, sterile  
& conspicuous for last 2 months. Lvs  
very like those of ? A.S. - but pubescent be-  
neath & much rougher above. Bud broadly  
ovoid & blunt (in A.S. beginning lanceolate  
& sharp-pointed then becoming cylindric.  
Uppermost part of stem <sup>branches</sup> & infl. with capitate  
glands. Ident seems sure even at this stage.  
[10-20-38] Belated fl. Rays white.

7-26-38 *Lycopodium lucidulum* Michx G 55;  
B1BIII 44. Sp. At foot of tree n-e of house just about or  
near the north-south boundary line bet.  
Kilnwood & Twin Doors or pass. a little on the T-D  
side. Lvs. def. in zones. Ripe spores present as well  
as signs of spore cases on earlier growths. Gemmae  
present. Lvs almost entire & not conspicuously  
broader above middle. This is 1<sup>st</sup> l. found on  
Kilnwood.

7-26-38 *Phryma leptotachya* L. G 749; B1BIII  
244 Fl. So side of kiln. (See 7-15-38)

7-26-38 *Anaphalis margaritacea* B1H. G 823;  
B1BIII 453 ♀ early fl. Open space below wood rd  
west of spring.

940

7-26-38 *Pyrola*

Same as 6-19 and 7-3-38 *Uniflora* fr. From near  
or at junction of Kalumia rd & Causeway rd. P. of 7-3  
from same place and prod. P. of 6-19 also.

Cf. with young fr. of *P. elliptica* of 7-25-38. Diff in  
stigmas obvious. Our plant has stigma ~~like~~ as  
desc. for *P. minor* & *P. secunda*. Style 5 mm. long  
deflexed but almost straight (like lower fr. in  
ill. B & B). Receme secundas\* to the 4 fr. which  
are maturing. The 5 fl. buds which never  
developed do not carry out second effect.  
Could this be *P. secunda* L. var. *obtusata*  
Turcz. G 628? If so how about the "dich. 10-  
lobed" B & B? None was found on spec of 6-19-38  
\* (Fr. turned to outside of st not appearing as tho  
forming one line or single rank.

941

7-26-88 *Vaccinium*

No fl. fr. Causeway rd. not far from *Quercus velutina*  
Trig. & lvs light, clear green. Trig. <sup>very</sup> warty with  
minute dots, glabrous except for lines of very short  
hairs. Lvs glabrous, minutely serrulate with tips  
of teeth not spreading. Lvs to 2.8 x 1 cm. Petioles 1 mm  
(lvs. lvs. sessile). Bud in axils of lvs, orange-brown  
This <sup>plant</sup> reminds R. B. & G. V. of Nfld and may be *V.*  
*pauciflorum* Ham G. (See Keeler 324 and  
637)

7-26-58 and Peterson 377.) = *V. angustifolium*  
Ait (BvBII 70)

7-28-38 *Teucrium canadense* L. G 693; BvBIII  
102 Fl. A corrid opp. Stump island by 2<sup>nd</sup> large tree  
south of drive.

7-28-38 *Commelina communis* L. G 265; BvBI  
458 Fl. Parking space.

7-28-38 *Asplenium Trichomanes* L. G 39; BvBI 288  
Sp. Rock where wood road cuts south boundary.  
Cf. with *A. platyneuron* Oakes from near by.  
In A.p. - the lower pinnae look cordate; in *A. T. punctatum*  
In A.p. - the middle pinnae several times as long  
as basal; in *A. T.* - not more than twice as long.

7-28-38 *Sanguinaria canadensis* L. G 415; BvBII 150  
No fl. fr. Rock (at base) just north of the *Asplenium*  
*Trichomanes* rock. Many plants. Lvs like those well  
remembered except in lobes. They all had 2 large  
lateral lobes & one ~~very~~ narrow terminal lobe.



Roots look thick, horizontal, with the  
expected dark-red juice.

7-28-38 *Eupatorium purpureum* L. G 782; BVA  
III 357 Fl. Woods south of house. Infl. pyramidal. Bracts  
& corolla very pale (from color of bud one might ex-  
pect fls to be white) tinged pinkish. The purple  
anthers give pleasing variegated look to infl. (This  
is very different from Joe-Pye Weed R.B.K. has known  
before which, as previously considered, was  
var. *maculatum* Desl.) St. smooth, slender, green  
thru with a few hairs with purple tinge at nodes.  
Lvs thin, smooth & essentially glabrous above,  
pubescent beneath (The E. with whorled lvs & whitish  
buds col 7-13-38 in woods near Bauhaus Spring  
was prob. this.) [See 7-29-38 for comparison with E. m-

7-28-38? *Aster divaricatus* L. G 803; BVA III 409 Bud  
opening, Woods south of house. St 1 ft high, smooth,  
somewhat zig-zag, lower half purplish. Bracts as  
desc. The ovoid obtuse bud promises invol. will not  
be slender cylindric as in *A. Schreberi* 77-26.  
(Cfd with plant near "rock-garden" which Mrs. Dean  
thought would be "wild ageratum". Seems the same)

7-28-38 *Lobelia siphilitica* L. G 768 = *L. siphilitica* L.  
BVA III ~~299~~ 301 Early bud. Appendage to calyx sinuses  
apparent (20x). Calyx lobes strongly ciliate (to eye)  
(Seen in fl. 1935) ● ● ● Woods just  
south of house

7-28-38 *Gentiana crinita* Froel. G 56; B<sup>9</sup>B III 9  
Wet place south of drive. Very early bud. (Too young  
to identify if plant had not been known)

7-28-38 *Tsuga Canadensis* Carr. G 66; B<sup>9</sup>B I 62, No  
fl or fr. Large tree in woods south of house & east  
of old quarry. Common at Kilwood.

7-28-38 *Parnassia caroliniana* Michx. G 449; B<sup>9</sup>B VII  
312 Bud. Common in damp spots near drive & elsewhere. The 3 stamens (or the 3 left seals)  
visible (20x) (Seen in fl. 1935)

7-28-38 *Geum flavum* Bicknell G 485; B<sup>9</sup>B II 370  
Fl & adv. fr. Woods bet. house & south boundary. Petals  
so inconspicuous R.B.K. did not notice them &  
collected plant to study for thinking it was *G.*  
*strictum*. Petals 2.7 x 1 mm (only about half as  
long as calyx), pale cream-colored, the veins con-  
tributing a hint of green. Receptacle bristly  
hairy. Style glabrous from joint to base.  
St 12 in high, slender. Petioles & at below hirsute  
with rather short hairs. St. above softly downy.  
Largest stipule 1 x .5 cm, <sup>depressed</sup> ~~folded~~ or cleft.

Lvs. Geum-ide - no more can be said (by RBM)

7-29-38<sup>?</sup> *Cornus stolonifera* Michx G 624; BvBII 662  
See Keeler 252; Peterson 317 Fl. young fr. No. of live,  
in from middle power pole where the sort of  
mud-like clearing merges into woods. (Seems  
same species as 7-31-38<sup>?</sup> nearer live & further east  
in same clearing). Habit distinctly stoloniferous  
the stems decumbent & rooting (not "erect" as  
desc for *C. Amomum* Keeler and Peterson). Buds &  
petioles & veins beneath of youngest lvs have appressed  
short brown hairs. Older lvs. the usual & appressed  
white hairs Petal 3- by 1+ mm with sides less <sup>triple</sup>  
than remembered for ? *C. Amomum* of 7-15.

7-29-38 *Aster novae-angliae* L. G 806; BvBIII 417 Fl  
No. edge of live Unmistakable.

7-29-38 *Aster umbellatus* Mill G. G 814 =  
*Doellingeria umbellata* Nees BvBIII 443 Fl. Woods  
shortly south of live. Note: St delicately striped  
red & green.

7-29-38 *Solidago rugosa* Mill G 794; BvBIII 390 Early  
bud



7-29-38 Bud. Near house somewhere (?) Style of  
infl "palmes with lvs on flowering branches"  
Walton 54, shape & number of lvs & hooded hairs  
make ident. convincing

7-29-38 *Sisyrinchium gramineum* Curtis G 309  
= *S. graminoides* Richnell BvBI 545 Fl & young fr.  
So. edge of drive where *S. angustifolium* might have  
been found earlier. Second branch of st. (le and ped-  
uncle G.) only just developing. Bracts adax.

7-18-38. Pedicels spreading. ~~Petal~~ Petal "un-  
ited clasping" for 5 mm above base (Books do not men-  
tion this for *S. g* but do for *S. a* - when comparing  
with *S. campyloste* and *S. mucronatum*.) "Petals  
sparsely pubescent." (BvB)

7-29-38 *Eupatorium purpureum* L. var *maculatum*  
Dahl G 182 = *E. maculatum* L. BvB III 356 Fl. Parking  
space elsewhere. This is plant so well known to P.B.A.  
*E. p* - 97-28 has lvs much thinner & smoother, com-  
paratively broader & longer petioled, with larger teeth  
WF. J. N.Y. Pl 228 is surely *E. maculatum*

7-29-38 *Rhamnus cathartica* L. G <sup>561</sup> 502; BvB III 502;  
Hough 347 (excellent ill); Keele O.N.S. 64 (ill fair);  
Peterson 200 (ill no good). No fl or fr. Very frequent  
in woods of apt front of house, along drive and

elsewhere. Watched all summer (i.e. since about  
June 10) Not a sign of flower. Lvs dark green above;  
more yellowish below; they look glabrous but  
are minutely pubescent, esp. beneath. This is  
found only with difficulty. Petioles, now, pale  
& hence contrasting interestingly with the blade.

10-13-38 *Chenopodium ambrosioides* L. G366;  
BvB II 14 Fl & fr. Garage on Rt 1. bet. New Haven & Bridgeport  
Very prob is var *anthelminticum* Gray. G366  
See Coto III 184 which ill. infl. very well. Stem not  
"velut hirsuta". Lower lvs fallen. St lvs remaining  
might fit the species or the variety.

10-13-38 *Bidens frondosa* L. G840; BvB III 497 F. 2. With above.  
Fl with 10-16-38 from Kilnwood. Plants to 2 ft & very much  
branched, and subt bracts frequently 9, but otherwise  
seem the same. Achenes 2-3 mm wide look exactly like  
those of 10-16. Heads never more than 1 cm broad even when  
achenes well developed (but before they begin to spread  
apart before falling) so there seems no chance this is  
*B. vulgata* Greene.



10-16-38 *Bidens frondosa* L. G 840; BvBIII 497 Fr. Kilm-  
wood. So. side of drive on moist bank where plants seen  
earlier in season. (See HGW: 493 for good desc.) Plants 12-18 in high.  
Achenes 2-3 mm wide, hairy on surface (hairs upward  
pointing) and upward pointing hairs on edges. Some of  
achenes (perhaps not maturing) more brown than "black".

10-16-38 *Solidago caesia* L. G 788; BvBIII 382 Fl & fr.  
A) Woods east of house & elsewhere. Sts. simple Lvs much  
exceeding clusters of fls to very tip of st.  
B) Park-like place elsewhere near house. St diffusely  
branched. Subtending lvs shorter than in (A) so that  
those at tips of branches are not more than twice  
the length of fl.-cluster.

10-16-38 *Aster cordifolius* L. G 808; BvBIII 414 Fl & fr.  
Along drive frequent.

10-17-38 *Setaria glauca* Beauv. G 118 = *Chaetochloa*  
— Scribn. BvBI 165 Fr. In Vinca border. Culms to 2½ ft.

10-17-38 *Elymus striatus* Willd G 169; BvBI 393 Fr. In  
Vinca border.

- 10-18-38 *Eupatorium urticaefolium* Reichard  
G 784, B & B III 361 Fl & fr. Edge of drive near house.
- 10-18-38 *Aster laevis* L. G 809; B & B III 420 Fl & fr. Woods north  
of drive just west of house.
- 10-18-38 *Aster undulatus* L. G 808; B & B III 416 Fl & fr. With  
above.
- 10-20-38 *Prenanthes alba* L. G 871 = *Nabalus albus* Hook  
B & B III 335 Fr. So. edge of drive.
- 10-20-38 *Gnaphalium polycephalum* Michx G 823  
= *G. obtusifolium* L. B & B III 454 Fr. Low plants (408 in)  
with few heads & infl rather contracted & meager  
cf'd with taller specimens with char. branching  
infl found along west side of road just south of  
Stump's land.
- 10-20-38 *Andropogon scoparius* Michx G 94  
= *Sclizachyrium scoparium* Nash B & B I 115  
Fr. Along road southward.

10-20-38 *Anemone cylindrica* Gray G 401; BvB III 99 Fl.  
Roadside southward where seen in fl 6-29-38 v  
later) Cfd with *A. virginiana* from near horse.  
No doubt of ident because of shape of lvs. v look of heads (much  
less prickly, wool whiter v showing more plainly  
between the styles. Shape of heads no text now that  
achenes are beginning to fall). But note: ~~in~~ several  
plants resemble *A. virginiana* in that earliest  
peduncle only is naked, later 1-2s having a 2-lobed  
involucre.

10-20-38 *Solidago serotina* Ait. G 796; BvB III 394 Fl.  
Just north of drive. St very smooth, <sup>+</sup>purple, <sup>+</sup>glaucous  
lvs. smooth. Invol 4 mm high. Rays about 10. Ident. seems <sup>sure</sup>.

10-20-38<sup>?</sup> *Aster lateriflorus* Britton G 811; BvB III 427 Fl v fr  
Just no. of drive. Very like ill. Walton 275 but not like  
ill W. F. N. Y. Fl 246 B. Fl  $\frac{1}{4}$  Indian overall, <sup>nearly</sup> sessile. Disk fls  
purple.

10-20-38 *Tanacetum vulgare* L. G 848; BvB III 522 Fl.  
In Vinca border.

10-23-38 ?? *Aster ericoides* L. G 810; BvB III 430; Walton  
168 Fl. Very frequent along road. Bracts green at tip.

terminating in subulate point (not especially  
"firm" G). If this satisfies G's key well & good.  
If not perhaps *A. dumosus* L. since heads terminate

"minutely foliose slender branchlets" (but bracts  
certainly are not "obuse" & rays are pure white.  
Note BvB III 428 v Alberta's Nantucket Wild Flowers  
say *A. dumosus* rays may be white).

Or possibly *A. Tradescantii* L.

Heads  $\frac{1}{2}$  inch diam, brightly cheerful with white rays  
& yellowish, very many on the much branched  
plants. P.B.K. can not be sure whether this is same as  
found on Cape Cod. See 8-18 v 9-24-38

10-23-38 *Polygonum pennsylvanicum* L. G 361 = *Persicaria*  
*pennsylvanica* Small BvB I 667 Fl. Roadside opp. Stump's  
land northward Exactly as found on Cape Cod 1938

10-23-38 *Solidago graminifolia* Salisb. G 797 = *Euthamia*  
— Nutt BvB III 398. Fl. Roadside opp. Stump's land.

10-23-38 *Solidago nemoralis* Ait G 795; BvB III 395 Fl. Roadside  
opp. Stump's land [10-25-38 Fl. v. Roadside southward, frequent

10-23-38 *Panicum capillare* L. G 103; BvB I 139 Fl. Roadside,  
northward.



10-23-38 *Solidago patula* Muhl G 792; BvB III 391  
Fr. Prob. bet. house & spring (B.P.K. thinks observed  
elsewhere).

10-23-38<sup>?</sup> *Solidago canadensis* L. G 795; BvB III 393  
Fr. Prob. in woods bet house & spring (elsewhere)  
Heads look very small, the invol 3 mm high. St.  
slender, glabrous below, def. pubescent above (which  
rules out *S. serotina* & *S. altissima*). Invol. bracts  
linear, narrow, thin, yellowish

10-25-38 *Muhlenbergia mexicana* Trin. G 127; BvB I <sup>185</sup>  
So. edge of drive, dampish spot. One spec. only seen.  
Infl. very like ill (BvB). (Since panicles are well  
exserted & not "ovoid or subpyramidal" G. this may  
be *M. filiosa* Trin G 127 which BvB inc. in *M. m.*)  
Roots not collected. Glumes  $\pm$  length of lemma

10-25-38 *Muhlenbergia racemosa* BSP. G 127; BvB I 186  
Roadside at Stumps so. boundary. Roots not collected  
Glumes  $\pm$  twice as long as lemma.

