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# BRITISH COLUMBIA BOTANICAL ASSOCIATION. 

(From The Farmer of May 16, 1866. )

T11E Committee of the British Columbin Botanical Association have placed in our hands a eatalogue of a fourth box of seeds, \&e., collecterl by Mr Robert Brown during the year 1865 , an abstract of which we present to our readers.
In forwarding particalars of the seeds collected, Mr Jrowa says that, from the causes so Irequently referred to in his notes, the species in this box are not In any geeat quantity, hut he helieves it to contain more valtable kinds than any former one; ant that he has doae his utmost to select goorl seeds, and carefully to dry and pack them. The greater bulk of the Coniferes he has forwarded in the cones, not only for the purpuse of prolonging their vitality, but, as many were imperfectly open, he considered that it would be better to sacrifice space to the all important consideration of their reaching the Association in the most favonrable state, more especially as many of them were oaly rejresented by a few coaes. Nos. 23 t to 245 were collected in Juae 1865 , and Nos. 246 and following were collected at a later period.
A. 231. Litium. I did not see it in fiower. Danks of the Columbia River, east of the Cascades. June t865. 232. 23, ${ }^{23}$ —? lanks of the Columbia, east of the Cascalles, 1ry soil. June 1865.
234 lris tenar. French Prairie, Willamette Valley, Oregon. June 1865.
235. Rwiner. Perhaps R. reworws, Pursh. Very showy plant; shady places. Dalles of the Columhia, Oregon. Jane 1865.
236. $\longrightarrow$ (bulbs). Banks of the Columhia, near Dog Rlver. June 1865.
237. Composific. Small flower, in spota on dry soil. Dalles of Columbia, June 20, 1865.
238. Erythroniom. Lankz of Columhia, east of the Cascades. Shady placea. June 1865 .
239. Spined. Whice flower ; fine shrnb. Banks of Columbia, eatat of Cascades. Jnne 186 s .
2 ana Umodlifera." large showy plant. Dallea.

## June 1865

241. Liliocrie. Bank of Columbia, east of Cas. cates. June 18 isy.
242. Composilie. East of Cascades. June 1869.
243. Cruriforre. Dalles, Oregon. June 1865.
244. Astragalus. Banks of Columbia, east of the
coscades. June t865. Cascades. June 1865.
245. Ribes. I'nrple flower ; fine hlack currant, superime to the cultivnted fruit. Banks of La Creole, C. K., Oregon. July 4, 1865.
246. Quercus Adlogeii, Newberry (in "l'acific Railrond Rep," vol, vi). Leaves deeply siaunte ; three principual lobes on either side terminate in several acute points $t$ glabrous above and below; fruit solitary or clustered-nearly sessile ; gland round, ovoid, or more commonly elliptical, terminating in an acute projecting point ; greenish hrown in colour, nad from it to $13 / 2$ inclies in length ; cup hemispherical, covered with elongated acute scales. posel country near the Illinois river Gregon. Septem ber 185 . It is immeliately distinguished from its congener, $Q$. /imisis (No. 247), with which it is associated, by its dark coloured bark ; and, os comparison of an extensive series of notes, its height may be esti mated at from 50 to 60 feet, exceeding on the average Q. Tindsii, Renth. It is also freer in the branching, and more elegant in appearance, than that species. It is known to the humter nut others by the name of the "black oak." The wood is coarse-grmined and "brash;" and, on the whole, thoigh an ornamental tree of a high character, yet it is inferior as a timber tree, and s.ever twed if the "white oak" ( $Q$, /fiwdsii) can be procured. If this year be any criterion, it hear fruit very aparingly, indeed ; but I ain told by resident that it in seldom that one species bears a good crop of " mast" two years in successiun. This year C. Ihendsi bore a comparatively plentiful crop of acornis, whils O. Killogii wat very sparing-in fact, I found it matler of some diffeulty to obtain specimens. Las ear appears to have lieen the reverse,
247. Quercus /Iivdsii, Ilenth. ("A Bot, of the Sulphur") and Q. longiggomda, Torr., in Fremont's "Geographical Memmir of California . Alited to that of the Easterm States, but different. Known as the "white oak,"
and the acoma are stored up by the Digger Indians

E This is the Californian representative of the back mak (hwerwa tiectoria) of the Eatatern Staten of North Aiperica. It
is dencribed und figured in the aumber sif the Farwer of 6 th Deceniber last.
for winter use Whilst the timber is auperior to that of No. 246, $\mathbf{y r}^{\circ}$ is ! ${ }^{2}$ ot equal to mome others in thicollection. L...:iv is hefore, Illinois river, Sepember 1865. - tank will somelimes attain a dia meter of 3 feet.
S, 248. Ouercus, ip, (c), aprifola, Nees is Ame, Nat. S. C. 1 llook, Icones 3 i. 377 ; Nuttal's "Sylva" 1 , 1 , 5. L 21 and crassipocula, Torr., in Williamson's Report. Q. crastifor ula, Torr., I am aot acquainted with, but according to Torrey's figure of $Q$. oxydewin (Sitzreave's Rep., p. 172 , pl, xvil.) it la a very dif-
ferent plant and if the figure of Nutial ("North ferent plant ; and if the figure of Nuttal ("North Anerican Sylva," pl .2 ) is to be relied upon, $Q$. agrifolin has long-polnted acorns, similar to $Q$. o.xydenia, differin!, totally from my plant, Again, Torrey, in p. I38, "Pacific Railroad Explorations," vol, iv. anys that the opecies teseriberl by him as 0 . oxydenia Q. agrifdia of Nees, with the acorns fully developed, leaves generally deniate, grows to the height of 40 fee (though generally a shrub), with a liandsome and sraceful curved stem from 6 inches to 3 feet in dia meter. It is generally known as the "live oak," and is accounted one of the best woods for felloes, hats, nol shaft- of waggons, though it is not straight enougl or spokes. li is very tough, and is used aear Illinois River for auch purposes. fis acorns are very sweet. It grows on the sides of gutches, hit to the greatest heights in more elevated situations. I saw, however, enormous trees of it in the rich river hottoms of Smith's River Valley, Alta Califoraia. Sept. 1865.
249. Quercus, sp. (d). Lolve-lenvecl, bears acoms very plentilully, which are accounted good for fattening hogs. It is nevet more than a shrul), but the produce of forty to fifty will fatten a hog. It prefers praities and low laad. I have, however, seen it in gulches 4000 feet olrove the sea level, but never higher. Canon Ck. Sept. 1865 ( 2 hags).
250. Quercus, sp, (c). Echinaceons, cupped leaves aightly serrate, and sometimes, as in the old "live onk," plain (No. 248). It is amall shtuh ; bitter acomas. It growa as high up as 8000 feet above the ves level, whish O. No. 251, tut infrm, to which it is most neanly allind, does not. This speciea has smaller eaves, cups deeper, and acora more ovold and very sitter, so that nothing lot squirrels will ant them The black bear (Ursus Ancricanus), if hard pushed hy huager, may also venture on them, hat never by choice. If is always looked upon by the ribers and hunters very distmet from Cuercus No. 251. Al over the mountains of Canon Ck., Oregon, Sept. 1865 251. Quercus, sp, (f). This is perhaps Qurren. rhmacra, 6 . and from acorned, shallow cupperd, bark black, leaves large nuc rarely serrate, the upposite holiling true in Q. No. 250 ( it antea). It is found along the sides of mountains, in slamp ground, or liy sireadis, but never on the top or at great elevations. fi is ofen fonnd associated with $Q$. No, 250 , lnt $r{ }^{\text {nver }}$ limited to the diminu tive size of that specin, or departing from it characters, though snhject to the same influences of soils and topographical situali. In form and hable in oak, and is more liky fraxiows Orgona; growing very straigh, and in this resions is ine anipoies Ouetcus Garryasa, llook (11. Ir. Am. 2, p. 159), so characterisic of the open pleasami glades in the viei
 the hest limber Cornia for all parts of whin, 2 . it is a superior iree to Q. No, 248 . The tree fron Which most of my specimens were taken grew on the old Camp, and attained a leight of 70 feet, with a Old Camp, and attained a
sliameter 2 feet. Sept. 865 .
252. Quercus, sf. (G.). Altied to Q. No. 248, but with no serratures on the leaves, and not so glaucous maller acoms, and covered with flattened tubereles anall shrub 3 feet in heiglt ; on the sides of gulches. Southera Oregon. Sept. 1865. This is closely allied to Ouerrus oblomgi/Via, lescribed by Torrey in Ciet. Sitereaves' "Report of an Eipeditinn klown the Zuni and Colorado Rivers," p. 173, pl, xix. (from Western Mexico).
252. Quercus, sp, nov. . Shrib 4 feet in height; leaves large, deeply serrate : serratnres pointing to apex of leaf; lear sub-acmminate al base and at apex broad in the middle, giaucoun alove and below t clark green follage ; acorna amall, slightly ovate or com. pressid at both ends; cup deep, very thin, and
covered with flattened tubereles. The only ally (if may be allowed to style it as such) is Q. No, 250, which
it resembles very sliphtly in the form of the leaves and fose tiffor the is wot coveral with spines, lat with tubercles found a few shrules licariog fruit very spariagly un the found a few shrubs licariog fruit very eparngly on the Where of mombains letween Sailors lingings in Gregon and smith's River in Calfortia, on the $t$ reseent City Trin, and nowhere else. The locality was near the lhondary line (lat. $42^{\circ}$ N.). Sept. 1865 254 Abies, spories ford (A). The average height of this tree is 70 or so fecd, and alrost 1 forot or mone in diancter ; sulbpyranidal in shape; upper branches starting froum the runk at right angles, and lower down sradually at a more acote angle, until near the latt ef the free they shart from the stem at an acute flown wanl ]angle, with a longrdrooping sweep. The branches increase in length (elescetuting), giving the tree the pyramialal form referral to. At the base of the tree they are long, and hear a ratio to t.ee height as 110 5. They sweep ont from the stem at an acinte angle, with a downward sweep, corling up at the ends a litele. The branchicts are what gives the tree its peculiar and eharacteristic leanty. Towards the apex they project as in other speeies, but whenever flicy pren (at maturity) they become depenient, and henee forward their growth is downward, so that these littic twigs or branchlets droop, (from if foot to 2 feet is length) in a slender pendulous form, eleprending from the superior surface of the lranches, giving the Iren the " weeping willow" asjiect my informant talked alsout. The colour of the folinge is dark green; the bung leaves lighter green ; la,k smooth or scaly cphilerosis whitioh; oulter bark (mesoplateram and epiphleetom) tirm and reddivh eolomred ; liber very lough and springy ; the whole thichness of the bark is $t^{1} \ddagger 111$. ; wool very tough, close grained, and is its living state pale yellow coleured. The tree branches almost to the bottom of the trunk. At a hasty flance its gencral appearance is not anlike $A$. housthast, with which it is ass:ciated, and may have been pasied by by furmer botanints in misfake lor that tree. It grows on proar stony suit, on the -ummit of the monntains, about 8ooo feet above the nea. Though I found many very gond specitnens of las year's concs, et after spending the major portion of the day in searehing all around, shooting down branches with the rifle or climbing the trees, yet 1 failed to lind one of this year's cones in any state of pro frens, and may joy at the discovery of this really beauliful tree was damped by getiong none. 1 sulse facotly found a grove of gigantic size, in a shady gulch, about 1000 feet lower down the monntain Their height was not less than 150 feet, lut stems not over 1ti feet in diameter. They pussessed the general characterintics of the last group, muly that the banaches were much shorter in proportun to the height of the trec. Locality, on the old trail of Cimpenter's lialeh, on the very sumbit of the mountain leadiag (1) Dierre Sault Bar, juat as yon lowe sight of Camon Creet. I aend many specimens of the folinge ant comes for its more minute description. Stpt. is65
255. I'mus. mor'. sfor (A.). Ftom So to 100 fect in height, pate lisht greet foliage, ant not miline it hetheral appearance to I'unts i, thithertionu, and bome-
 pine: it branches to near the botom, the beanches teparting from the tonk at right ancles; cones near leparing from the tomk at right angles; cones nea the top of the ree ; wouls soft; light-eolomed harh, ant whooth, with bisters of resin; cones, abd tudeed the whole of the tree, sery resmons. foond one tree ot the sides of a creek thowing into Canon Creck, jub thelow the flat. The ahove is the gemeral charac teristics of the tree; lut I fonth ome on the mothtain without lranches for 100 feet. It was 130 feet high, anil $2 \frac{1}{2}$ feec in diameter, It is slightly allied to J monticela, of Donglas, which you pronounce to the the "white pine" of thin coant, but which this (No. 255) certainiy is nut. Inteed, thave never seen I', monticola (.)/robus of my catalogtes) no far soath. The term "white pine" is sometimes applied in Californin to If. Siabiutuaz; and $f$;flisrlis of James is the " Rocky Mountain white pine." 1 do nos know of a heratity in whiels it has leeen found nearer than. New Mexico, in the scandia Mountains, at 12,000 feet clevation. It said also to grow aroand Saluta fe in this same territwry. Is this species inlentical? Inten on this treeindeed, in tall trees very freguently-there are none hut barren cutaes, atal hence I was told by a mowntaineer that it is smmetimes called lie "bastard athar pine." It bears sparingly, and the eomes sent were nll that 1 obtained from two trees after very laherions elinnling. Sept. 1865.
256 . Fimus, nus: spex. or form of $P$. Andirosa. A tree alsuat 130 feet in height, on mountains Scpt $1 \times 65$ ( 2 bags).
257. I'Bus, sp. I found these cones lloating duwn Klamath River, Oregon. Aug- 1865
 in theight, possessing the general habit of the tivinion. C:ascade Mountaius, near Rogue River. Aug; 1865.
259. DiHus, sp. Hlianis River. Liept. 1865.
260. limus, sp. (F.) ; 2 bags. This tree reaches the height of ros feet, and I found it sawn ints platah amongst others, under the generic name of "pisith pinc," at a litte mining camp in Southern Diegon
hnown an Sallors' lhggings, where the lumber sold for \& $_{15} 5$ to 825 per 1000 feet, accurding to its clearbess. Ilere, alio, I may mention that .licer wurrephyl. (ume was worth fron 875 to $\$ 100$ per loco, whilst ()ucrius (No. 251 ) was only 8,30 . It (i. e., $2(\mathrm{o})$ ) was dis. tinguished by the woodmen as the "hall pine." the imber is whiter than the following (No. 26t), cones smaller, though in its general lahit it resembles he reat of the ponderost divisiot, fiom all the memucrs of whieh I believe that it is distinct (two bags, with follage, \&e. ), rive No. 261.
361. . thes, sper. (G.). Is this distinct, or a variety of P: 256: It grows very straight to the height of iso cet, and is accounted in Southern Oregon better for many purposes than $A$. Dunghasio, which iv in that district getting rather rave, until it almost disajpena in Californoin, though I ams told-and accordiag to the aws of phyto-geography 1 do not doubt it-that it is found in the mountains of Mexico. The centre of the growth of $A$. Detrglasii is in the conntry west of
 in my be saicly alk the tree timit
No. 20, is harr, ani does not reanlily warp, as does . Doughasti. Shingles are also made of it by spliting, but it is so free from haots that it will split with the sun-indect, this is so much so that to drive mais into it holes must be bored ; this is its worst abit. Very lange cones. Alt these phises are known a. "pitch pines ;" hut this species is distinguished as the "yellow pine." Though there are doulaless many varieties of the powicrosa type, yet 1 am conincel that $I: 256, I: 260$, and $I: 261$ are all as divtinct as most species of the order Contifers; at.l that I! 260 and $f, 26$ were very different in appearance there and in different situations. The whole ype or sub-genus (embracing the species allie. to P. porderosia), as I have venthred to remark in former cataloghes and letters, would form a curions storly for he botamist ; but these species just named are recog. nizet as listinct by the woodmen, who are two apt th mistake identity for similarity, though douhtless many arieties have been descrited as species, and which may be fulnel on the same tree ; but where we find difference prevailing in all the cones on the same ree, ant this difference permanent in widely different ocalities-geograptically, lopographically, and clima-ologically-then assuredly they havea right, as in those bamed, to be ranked as distinct species. In box No. I sent cones of what I take to be the true 8 '. Aoniterost, rom trees growing on the banks of the Frazer River, it lefl-ovet, II. C., and these tress were very different rom any 1 saw in Sonthern Orebon. Instead of plitting ensily, so knotty were the trees, that the nimets, in order to make shimgles of the tree-the only one growing conwemientiy near-hud to sat then. fo the presebs pine the cones are nearly terminal, in clusters of from two to three-getserally two; loranches with a genkle sweep; bark lightish brown, with long:udinal wrimkles or crachs ; light greell foltage. Found rowing wa stony or rocky places near Snilors Diggings, (1gn, Sept. 12, 1505
262. Thuts, sp. (one bag and one paper parcel). 1 found this pine in great numbers on the sides of gulches, and high up in the mountains on spurs of the ishiyou monntains (so named loy the early French Cabalian tovagerns, from the Cree wura, signifying a boh-tailed horse, in memory of ath incident cunsected with a fur-trapping adventure). Concs depenlent, aat attached by a thick pedicel to the loaty of he tree; leaves in whorls below the cones; the apper side strongly marked with stont promilient cuspuiate scales, whilst the lower, protecterl from the un, are different (rute cones). Ire these coates abor, ive? None have yet opened, and thuugh I searchen abuitiantly, yet I could fund mome in any other state, anl I thousht it was better to semd then as they were. Gne must just take the chances in these matiers, and hope for better forthne hext time: I refer to Nos. 254 and 262 . Is this $/$ ' insigtris ? or the "lost" $P$. Caliurntial Lois? (Carriere "Iraite," Xc). It hears when very young. Isaw slirulis of it not over 6 feet in eight with abundance of cones. The soil it affect ponr, and is associated with the grease woond (Purshia tradentata)

263 . I'ints, sp. I fonnd this Nowes, with the enclosed leaves lying associated with it, on the grosumi an Fremont's Trail, in Eastern Gregon, lut never saw $t$ growing. Aug. i865.
26.4. Pitays, sp, Cone, found zarshod up on the manks of Ritte Creek, Fastern Oregon. The creck heads near Mount hcult on the Cascale Mountains: Ang. 1865
265. /'murs, sp. Found washed slown Clear Creek, howing out of the Cascate Moantains. Aug. 1865.
. $V$. $B$.- - The three foregoing may have no commercial or scientific value, bat I colose them neverthelcss.
266. /'iuks lambertiout, 1)ougl. (2 hags, \&c.). This well-knuwn pine is perhops-taking intu account its beanty and econotnic value-one of the noblent trees on the continent of America. The seeds are collected for food by the Digger Indians in the vieinity of Sailors' lhighings; lience we should l'? cantious in talking about the distribution of the sut pine, as
this name is applied to Jonus Sitbomanta, Pituas ciwlis, monophyllo, and flathir, all of which are patherenl for forel in their respective localities, most fenerally where neither of the others grow; hence, in beaking of the "nut pine" of nom-botamical travellers, we must take it to be the " nut pine" ot the particular region he iv olemoribing, The mects of the sugar pine are extracted by beatimg the cones with a stone, after scorehing them ta lestray the resin. The Imalian climbles the tree, drops the cones down, which are crillected and monnipulated hy his muaw at the fool of the tree. These fipger Inliass the lowent of the Indian races on the Cembinent, ase great peats of the seed collector; for cut down a tree and leave it for a few minutes noywhere within hail of a wigwam, nnd you will be morlified, on retuming, to find an autient squaw and a lirood of children thisponing of the last of your cullection, achling, gerchance, insull to injury, by langling a gorcl-humoured taugh at your blank amazerment. I lost the loulk of mine ly a mishap of thas nattre, and neser obtainerl another nplurtunity, as the "sugar pine," like nithers of ite order, bore very spiringly this year: in many 1 did not see more thats twis or three cones. Sitl mote inimical to the seet col lector are the squirrels of several species; w wenever a tree in felleyl they nttack the seeds, and in a few minutes will clear it. They also run mp the tree, cut off the cones, and, rusining to the ground, estraet the "nuts." Then canne the hirim-a host in themselver -so that, what with one tling anl another, the col lector has but a sorry time of it, and to obsuin any quantity, eren oll gered sersons, much activity is repuh site. The woon of ? A Amberviem is so free from knote that shingles are made from it, and many a house in California and elsewhere is wholly "claploartel" with it withont planing. It, however, shrinks more than any other woenl, ullel in rather anft for flooring. In this respect it tliffers from seywern sempervoras (redwoxd), which, let it le ever so wet. will not contract. It. Sabimanta is said to be tour hnotty to make goerl piank. The sugar pite i Iseantifully straight, lut too "brash " for spars-ilisequentently of its not beng found near the coast in anv fuantity.
267 (b). Picm, spores (amabilis? Dongl.). Tres of small height ; lut this immaterial, ns it must he stunter from its elevition, on one of the spurs of the sinhiyou Mountains (kooo feet). Ifranches in whots; cones tright brown colour. This is sometimes called loy the woulmeat the balsim fir, from the lilistel of resin on the tronk, \&e. Some of these blinters wil yiehl as much as an ounce of resin. I have also hearit it ealled the silver fir, white fir, and occasimall white pine, though the latter mame in the Nont loneific territories is used for $1:$, monticole, the ally or representative of the Weymonth pine ( $/ 2, \mathrm{~m}$ s stivioul). sept. 1865.

267 (b). Picas, species, Found in the Redwamel Porests near Simith's Rlver. Sept. 1865.
268. Libacodius devurrews. Torr. (Thuju C'najobla, Oreg. Com.). In Catalogue No. 3, 1 have made some remarks upon the synonyms of this species, regariling which, thusting to "authorities" (i), I had fallen into error. In my letter, written to you fom Jack sonville (descriptive of my journey from the Wii lametteacross the Caucades, via Fort Klamath, to Kogue Kiver Valley), I have deccribel this tree. It is sawn into iumber in wate pinces under the pame of the "t red cedir," liut it is not a very cond timber. 1 cannot loe stit iuto planks eabily as it is luo apt to cannot be sphtitito planks cabily, as it is wo apt to ty and cupresses), it will last ong if protected from the air by hemg umitet gosnnt or in water ; but trie rersd If wh. In this respect it differs from. I. Dowglash. An acquaintance of mine in sonthern Oregom Hiovernor lliggsp tells me that he put up a ring feuce of the timber, lut in two years it was so rotten that you conld puah it over. I fisund a great scarcity of seeds on this tree this year, though, from the remains, it appears to have lnime profusely last year. This is true, as 1 have previously remarked, on nearly all the trees, with the exception of perhaps (2wens hintsin, henth. "hich hore plentifully, and accordingly, in the disricts where it grew, heard the comananineers taik of the fall of t865 as a geoul "har year"-bears eat ing the acorns and getting fat upron thew-thongh the contrary was the ease in the "chincapin" (Cosfonm hrisophyila) thickets, which lrore alnisst no fulut, with an accompanying scarcity of "bars" in the neightmarhumal. Trees of Sibowaloner, which last yeay lure profusely, bore this year very sparingly, and in some cases not at all. From the day Isaw it first in the Cascade Momitains, in lat. $42^{\circ} 5^{\circ} 0^{\circ}$.,. to the eml of the reasm, I an certain that we climbel, cul lown, or others ise examined upwarils of a humbed trees, yet I do nost think that, after all unr labour, We whanctimore than a dozen cones, repreventing twice or thrice as many seeds, though the same trees pro dued last year liy the bushel. Siept. I865.
269. Taxws, sp. 2s feet in height; on a spur of the Sishiynm Dlountains, on the lorrier line between

Tregon amd taliformia tlat. 12 N. I. sept. imes Tisan $s$ a as spuag, yet they are not fully rijes. (1) spluag, yet they are not fully rije

2\%o. ('upeseng, sp. ( 5 bagn and 1 paper pracel). The larget tree of this spoces Whelt oaw was aboul 100 or 150 feet in heighat, and 2 feet in riameter; sul comal in ontline, thongh wo resular ontline can le aseritett to it, as it itfers in shape ant hathit 10 differeut hacalites, sisme trees are light green in foliage; other thak green, and might he mistahen for fisho soirws dirurr:ns, or, as I Ir Newhury must probably did, for Thuig digumbth. The strolili in clunters on the superior surface of the fronds near the apex, or on the twigh, though not on the extreme aper of the branches; lorancles with an upwari shecp, coming aif foom the stem at an acute angle; in older trees he hranches have rather a downward tendency, and the mildle ones project straight nut, ant never wi.h the upward sweep, as on the upper prort of the tree, ant in young shrulus all the lornnchen have a general upwaril growth; bark roughish, madiler liroun: colour, like barti of Cohovalrus, though whitish epilermis; in young trees the epidermis is nearly white and smonth; the cones are brownon all the branches upper and lower ; mate catkins yellowiwh: tree geneally unbranclied for 20 fect. I found this in the mountans of Sunthern Oregon in sunny exponiles. This a mont probably Cupressus lazosomana, Murr., which itr Copper (Fatent ontice Keport, isfor, p. 4321 levig:ates as the "I'ort (rford Cedar," though thas in generally known to the California botanist an C'rifecous fragrous, under which name I'r Ithert Kellogt haw lescribed it in the " l'rocrealings of the infiforma Icademy of Nat. Sciences," San l'rancimer, I'art 1, and seen lately introduced into Fingland, though in mest caves it lins heen distributed as $C$. l.andumhthr. I reed scafcely say that, from tis situation in Oregron, it must he pelfectly hardy. C. fragrous, of Kellogg, is aid to lie principally foum in the forests of soult Pregun luordering on the wea. Notwithotanting the amont care, I find that these cones and seed are, like nany other viecies of eonifera, affected loy the Inrwa of at meed, against which no care in coblecting or pach. ug ean guarrl. This has leen a source of weat reatuon to me, but your experience of tinalat mishaps will, I all sure acy thit me of ally blame. sept. 1805. 27. Coraus sewhlar, Torr, (Juram, in between Degon and t'aliforuia, in lat. $47^{\circ}$ N. I mbruts 6 to 20 leet in beight. Seps. 1865.
272. Ca.fanas chrysophyzla, Dongl. (Cashahd semPrarchs, Kelloge). I ree 60 feet in height; gulches
 thichets of this platet as his "bar wookl." This is ont msitively a different speries fonn the succecting ( $\mathbf{N}$ ), 27,3 , thungh the hunters loosh upan it as such. It attains the heistit of 60 fert, and font in diameter. Bark, cpidernis whiti-h : sajwoonl tuagh and rather White; and the duramen hard and brown (zude specimens); the nuts ure mich larger, and the leaver brisater and less goliden colvered un the under surface roater ami less gelient colomret on the under surface angles to the stem, nud twictel and curved irregularly; banchlets at acute angles to branches: fruit near the apex. Canon Citesk. Scpt. IS65.
273. C. chryophy/h. Mount tetween Gireat Klamah Marshanil Foirt Klamath. 4 teet in height. Jubust 1805.

273 (a). Thujia, notus sfocses. A glabce at the folliage, the cones, and general apyearance of this plant, js puite sufficient to establish its non-identity with Thime wuntes, Nutt. I therefore prefer to leave it without arther description. I foumt the tree growing on the banks of the Willamette Kiver in ()regon, not far from 'urtlant, and was induced to cullect apecineens of it from it: appearance being somewhat different from any specimens of 7: shantos which ! had seen on the banks of that river: The jerios of its gathering was in May i 865 ; and though it was covered with oid cones, of course there were none in seal. At the time was lusity occupied, and did wot consider it dise inet, having no specimens to refer tor but on whisejuent earamina tum, and a comsideration of the fact hat in all the specir.alls which I esamined the emathahle alifferences were permanent, 1 conchuded hat it was a dintinet species.

Ar Mrown has aloo sent bame aperimens of woods, viz., Nos. 247, 251 (l)ask); 251 (wo specmens of wool); 254 (bark); 268 (two spocies); 270 (two pecies) ; 272 (two species) ; also, dried specimen, of plants, the seeds of which are cither in this box or have been sent previonsly, with one or two doulnful apecies:
 hertianta (abortive ennes), (uerizs Garowna, fimus outorfis (male catkint), ditr civinntum, Querias sh., Jumperms sp, -no sceds.


