it resembles very slightly in the form of the leaves and size, but differs totally in the form of the cup, which is not a few altributed by the form of the cup, which is a considerable strain of the cup, which is a considerable strain of the cup, which is a considerable strain of the considerable strain of the considerable strain of the trescent City Trail, and nowhere else. The locality was near the Itomalary Line (al. 42, N. 5). Sept. 1865, 254. Abics, spoics near (A). The average height of this tree is 70 or 80 feet, and about 1 foot or more in diameter; sub-pyramidal in shape; upper banches starting from the trunk at right angles, and lower down gradually at a more acute angle, until near the butt of he tree they start from the stem at an acute flownward langue, with a long/dropping-sweep. The branches increase in length (descending), giving the tree the pyramidal form referred to. At the base of the tree they are long, and bear a ratio to L. sheight as 1 to 5. They sweep out from the stem at an acute angle, with a downward sweep, enting up at the ends a little. The branchets are what gives the tree its peculiar and characteristic heavy. To wards the appear of the manner of the strain of the strai is 1 f m. t wood very tough, close grained, and in its living state pale yellow coloured. The tree branches almost to the bottom of the trunk. At a hosty glance its general appearance is not anlike A. Donglottu, with which it is associated, and may have been passed by by former botanists in mistake for that tree. It grows on poor stony soil, on the summit of the mountain, about 8000 feet above the sea. Though I found many very good specimens of last year's cones, yet affer spending the major portion of the day in searching all around, shooting down branches with the rither of tunhing the trees, yet I failed to find one of this year's cones in any state of problemating the reward to the searching all around, shooting down branches with the rither of tunhing the trees, yet I failed to find one of this year's cones in any state of problematiful tree was damped by getting none. I subsequently found a grove of gigantic size, in a shady gulch, about 1000 feet lower down the mountain. Their height was not less than 150 feet, but stems not over 1½ feet in diameter. They possessed the general characteristics of the last group, only that the tranches were much shorter in proportion to the height of the tree. I ocality, on the old trail of Carpenter's talch, on the very summit of the mountain leading to Pierre Sault Bar, just as you lose sight of Canon Creek. I send many sperimens of the foliage and cones for its more minute description. Sept. (1865, 1874), and the summer of the mountain leading to Pierre Sault Bar, just as you lose sight of Canon Creek. I send many sperimens of the foliage and many and the summer of the mountain leading to Pierre Sault Bar, just as you lose sight of Canon Creek. I send many sperimens of the foliage of that in the properties of the state of the summer of the mountain leading to Pierre Sault Bar, just as you lose sight of Canon Creek. I send many sperimens of the foliage and hout milke in it branches to near the bottom, the branches departing from the trunk at right angles; cones near the

pine; it obtaines to near the bottom, the oranens departing from the trunk at right angles; comes near the top of the tree; wood soft; light-coloured hark, and smooth, with blacters of resis; comes, and indeed the whole of the tree, very resinous. I found one tree in the sides of the tree, bottomer is the general characteristics of the tree; but I found one on the mountains without branches for 100 feet. It was a 150 feet high, and 125 feet in diameter. It is slightly allied to 22 monthout, of Donglas, which you pronounce to be the "white pine" of this coast, but which this (No. 25) certainly is not. Indeed, I have never seen 2 monthout of Myrobut of my catalogues) so far south. The term "white pine" is sometimes applied in California to 12 Subbinium; and 12 factilit of James is the "Rocky Mountain white pine." I do not know of a locality in which it has been found nearer than New Mexico, in the Seandia Mountains, at 12,000 feet devation. It is in which it has been found nearer than New Mexico, in the Scaudia Mountains, at 12,000 feet devation. It is said also to grow around Santa Fe in this same territory. Is this species identical? Often on this tree—indeed, in tall trees very frequently—there are none but barren cones, and hence I was told by a mountaineer that it is sometimes called the "bastard sugar pine." It bears sparingly, and the cones sent were all that I obtained from two trees after very laborious climbing. Sept. 1865.

256. Finan, now. spc., or form of P. Fonderona. A tree about 130 feet in height, on mountains. Sept. 1865 (2 bags).

1865 (2 bags).

1865 (2 bags).
237, Phuns, sp. 1 found these cones floating down Klamath River, Oregon. Aug. 1865.
238, Phuns, u. sp. or Jépfreyu 1D. 1 50 feet or more in height, possessing the general habit of the division. Cascade Monutains, near Rogue River. Aug. 1865.
259. Phuns, sp. Hilianis River. Sept. 1865.
269. Phuns, sp. (E) 12 bags. This tree reaches the height of 100 feet, and 1 found it sawn into planks amongst others, under the generic name of "pit.A pine," at a little mining camp in Southern Oregon

known as Sallors' Duggings, where the lumber sold for \$15 to \$25 per 1000 feet, according to its clearness. Here, abo, I may mention that Actor unterphylium was worth from \$75 to \$100 per 1000, whilst Onerva (Na. \$21) was only \$30. It (Le. 7.60) was silicating libble by the woodners as the half pine." The state of the production of the half pine. "The state of the production of the half pine." The state of the production of the half pine. "The state of the production of the half pine." The state of the production of the half pine. "The state of the production of the state of the production of the half pine." The state of the production of the half pine. "The state of the production of th the botanist; hut these species just named are recognized as distinct by the woodmen, who are to apt to mistake identity for similarity, though doubtless many varieties have been described as species, and which may be found on the same tree; but where we find a difference prevailing in all the cones on the same tree, and this difference permanent in widely different localities—geographically, topographically, and climatologically—then assured lythey have a right, as in those named, to be ranked as distinct species. In hox No. 1 Sent coaces of what I take to be the tree P. Ponderons, from trees growing on the banks of the Frazer River, at Lell-ovel, B. C., and these trees were very different from any I saw in Southern Oregon. Instead of splitting easily, so knotty were the trees, that the miners, in order to make shingles of the tree—the only one growing out-efficiently near—had to saw theo. In the present pine the cones are nearly terminal, in clusters of from two to three—generally two, Iranches In the present pine the cones are nearly terminal, in clusters of from two to three—generally two, branches with a geatle sweep; bark lightish brown, with lougi-tudinal winkles or cracks; light green foliage. Found growing un stony or nocky places near Sailors Diggings, (sp. Sept. 12, 1865, 262. Phana, 19. (one bag and one paper pixel). I cound this pine in great numbers on the sides of

I found this plue in great numbers on the sides of gulches, and high up in the mountains on spurs of the Siskiyon mountains (so named by the early French Canadian repugents, from the Cree word, signifying a bolt-tailed horse, in memory of an incident considered with a fur-trapping adventure). Comes dependent, and attached by a thick pedicel to the body of the tree; leaves m whork below the cones; the upper side strongly marked with stout prominent cospidate scales, whilst the lower, protected from the sun, are different (rade cones). Are these comes abortive? None have yet opened, and though I scarched abundantly, yet I could find none in any other state, and I thought it was better to send them as they were. One must just take the chances in these matters, and and I thought it was better to send them as they were. One must just take the chances in these matters, and hope for better fortune next time: I refer to Nos. 254 and 262. Is this P. timiguis! or the "blost" P. Culi-pintus Loui? II Carriere "Traite," &C.). It hears when very young. I saw shrubs of it not over 6 feet in height with abundance of come. The soil: it affects is poor, and is associated with the grease wood 1263, Phuns. 47. I found this Phuns, with the enclosed leaves lying associated with it, on the ground on Fremont's Trait, in Eastern Gregon, but never saw it growing. Aug. 1865.

on remonts (rat, in Eastern Oregon, but never saw it growing, Aug. 1865. 264, Pinns, 36. Cone, found washed up on the banks of Kilde Creek, Eastern Oregon. The creek heads near Mount Scott on the Caseade Mountains. Aug. 1865.

Aug. 1905. 205. Pinus, sp. Found washed down Clear Creek, flowing out of the Cascade Monntains. Aug. 1865. V. B..—The three foregoing may have no com-mercial or scientific value, but I enclose them

mercial or scientific value, but I enclose them nevertheless.

26.6 Evinus Lambertiana, Dougl, (2 bags, Sc.), This well-known pine is perhaps—taking into account its beauty and economic value—one of the noblest trees on the continent of America. The seeds are collected for food by the Digger Indians in the vicinity of Sailors' Diggious; hence we should be cantions in taking about the distribution of the ant pine, as