

A. J. Pietsen.

List of seeds and

U. S. Department of Agriculture
LIBRARY
Washington, D. C.
1906

Orcutt Seed and Plant Company.

1905

San Diego, California.

Established 1882.
The ORCUTT SEED and PLANT Co.,
San Diego, California.
Collectors, Importers, and Growers.
Wholesale and Retail.
Cable address: ORCUTT.

We offer our services for the procurement of any seeds, bulbs or plants that may be desired. Our correspondence is world-wide, and our facilities and experience insure satisfaction to our patrons.

Terms: CASH WITH ORDER, except by special contract. All goods travel at the risk and expense of purchaser. Packing and material (boxes, bags, etc.) charged at cost. Complaints must be made within ten days of receipt of goods to receive recognition.

We pay special attention to the desiderata of our patrons, depending largely upon collecting each season to order, though we have hundreds of plants of many species constantly in stock, and a smaller number of many varieties.

Our collection of living cacti and succulent plants is probably the largest in America.

SEEDS.

- ABIES DOUGLASII Lindl.
See Pseudotsuga taxifolia.
- ABIES NOBILIS Lindl.
Seeds 25c per pkt. \$2 per lb.
- ACER MACROPHYLLUM Pursh.
Seeds, per packet, 10 cents.
- ACER PLATANOIDES L.
Seeds 10 cents per packet.
- ACER PSEUDO-PLATANUS L.
Seeds. 10 cents per packet.
- ALBIZZIA PROCERA Benth.
Seeds 10 cents per packet.
- ALNUS CORDIFOLIA Tenore.
Seeds. 10 cents per packet.
- ALNUS INCANA Medic.
Seeds. 10 cents per packet.
- ANDROMEDA ARBOREA Linnaeus.
See Oxydendrum arboreum.
- ANDROMEDA CALIFORNICA. pkt. 10c.
- ARBUTUS MEENZIESII Pursh.
Seeds 10c. per packet.
- ARCTOSTAPHYLOS ANDERSONII A. Gray.
Seeds 10 cents per packet.
- ATRIPLEX HALIMOIDES Tineo.
Seeds 10c. per packet.
- ATRIPLEX HORTENSIS Linnaeus.
Seeds 10c. per packet.
- BEANS. Ataran. pkt. 5c.
- BEANS. Green Neapolitan. pkt. 15c.
- BROUSSONETIA PAPIRIFERA Vent.
Seeds, 10 cents per packet.
- CALLICARPA AMERICANA Linnaeus.
Seeds, 10 cents er packet.
- CARPINUS AMERICANA Michx.
Seeds, 10 cents per packet.
- CARROT. Large Oxheart. pkt. 5c.
- CARROT. Long white. pkt. 5c.
- CATALPA. American. pkt. 10c.
- CATALPA BIGNONIOIDES Walt.
Seeds, 10 cents per packet.
- CATALPA. Japanese. pkt. 10c.
- CEANOTHUS THYRSIFLORUS Eschw.
Seeds, 10 cents per packet.
- CLIFTONIA NITIDA Gaertn.
Seeds, per packet, 10 cents.
- CORNUS STOEONIFERA Michx.
Seeds 10 cents per packet.
- CU CUMBER. Eskimoso. pkt. 10c.
- CU CUMBER. Moravian. pkt. 10c.
- CYNOGLOSSUM COLESTINUM Lindl.
See Paracaryum caelestinum.
- DIOSPYRUS VIRGINIANA Linn.
Seeds 10 cents per packet.
- ELDER. Box. pkt. 10c.
- GHERKIN. New Golden. pkt. 5c.
- GOURD. Giant. pkt. 10c.
- HESPERUYCCA WHIPPLEI Baker.
Seeds 10 cents per packet.
- IPOMAEA VERSICOLOR Meisn.
Mina lobata Cerv. 1824.
Seeds 15 cents per packet.
- LAURUS BENZOIN Linnaeus.
- LITHOSPERMUM PILOSUM Nutt.
Seeds, 10 cents per packet.
- LONICERA HISPIDULA Douglas.
Seeds, 10 cents per packet.
- MANZANITA.—See Arctostaphylos.
- MANZANITA. Prostrate. pkt. 10c.
- MAPLE. Scarlet. pkt. 10c.
- MELON. Australian sugar. pkt. 5c.
- MINA LOBATA Cav.
See Ipomea versicolor.
- NEMOPHILA INSIGNIS Bentham.
Seeds, per packet, 5 cents.
Variety ALBA. pkt. 5 cents.
Variety PURPUREA. pkt. 5 cents.
- OXYDENDRUM ARBOREUM D C.
Andromeda arborea Linnaeus.
Seeds, 10 cents per packet.
- PARACARYUM CAELESTINUM B. & H.
Cynoglossum caelestinum Lindl.
- PEA Tall gray sugar. pkt. 10c.
- PEPPER. Bell. pkt. 5c.
- PICEA PUNGENS Engelmann.
Seeds, 25 cents per packet.
- PINUS CEMBROIDES Zuccarini.
Small, round-headed trees of Arizona and

northern Mexico; cones small; sds very large, hard-shelled, largely used for food in Mexico. Lvs slender, mostly in 3's. Pinyone. Seeds \$4 per lb., 25 cents per pkt.

PINUS INSIGNIS Loudon.

See *Pinus radiata* Don.

PINUS RADIATA Don.

Pinus insignis Loudon, 1844.

Monterey pine. Largest trees 80-100' high; bark black very hard, 2-3' thick; lvs bright green, in 3's, 4-6' long; cones chestnut-brown, widely variable, obliquely-oval or longer, 3-7' long, 2-4' thick at base, scales on the outer side, especially at the base in the larger form, swelled out into nearly hemispherical tubercles $\frac{1}{4}$ - $\frac{1}{2}$ ' high, twice as broad, becoming devoid of prickles. Largely cultivated for its abundant foliage, great endurance, and rapid growth.

Seeds, \$1.50 per lb.

PSEUDOTSUGA DOUGLASSII Carr.

See *Pseudotsuga taxifolia*.

PSEUDOTSUGA TAXIFOLIA Britton.

Pseudotsuga Douglasii Carriere, 1855.

Pinus Taxifolia Lambert, 1803.

Douglas spruce, commercially known as Oregon pine, Douglas fir, or red or yellow fir. Large and valuable trees, forming the larger part of the great forests about Puget Sound southward, 300 to 400 ft high. 10-12" in diam; cones narrow, 2-3 $\frac{1}{2}$ ' long, the feather-like bracts protruding $\frac{1}{2}$ - $\frac{3}{4}$ '.

Seeds \$3 per lb., per 100 lbs. \$2.25.

RHAMNUS CALIFORNICA Esch.

RHAMNUS TOMENTELLA Bentham.

Seeds 25 cents per packet.

RHUS INTEGRIFOLIA Nuttall.

Seeds, 10 cents per packet.

RHUS OVATA S. Watson.

The Sugar-bush is a handsome evergreen shrub, noted for its glossy foliage and graceful, oval form. The small dark red berries make a cooling drink, pleasantly flavored, resembling lemonade, and when dry are covered with a thin, waxy, white substance, that is very sweet, which the Indians are said to have formerly gathered for sugar.

Seeds 10 cents per packet.

Genus ROMNEYA Harvey.

Smooth stout erect perennial herbs, with colorless juice, pinnately divided alternate lvs and very large showy fls. Sep. 5, with a broad membranous dorsal wing. Pet 6. Sta numerous, with filiform filaments somewhat thickened below, and oblong anthers. Ovary oblong, densely setose, more or less completely several-celled by the intrusion of the many-ovuled placentae; valves 7-12, opening from the summit downward. Sds finely tuberculate.

ROMNEYA COULTERI HARVEY.

Half-hardy shrub, 6-15 ft high, branching and flexuous, woody at base; lvs glaucous, thickish, petioled, 3-5 in. long, the lower ones pinnatifid, upper ones pinnately toothed; petioles and margins often sparingly ciliate with rigid spinose bristles; the magnificent wax-like fls 6-9 in. across; pet broadly obovate; fil $\frac{1}{2}$ in. long, bright yellow, purple at base; capsule oblong, $\frac{1}{2}$ in. long, obscurely many angled, hispid with appressed bristles and crowned with the persistent stigmatic sds black, a line or less long. Matilija poppy, named in honor of T. Romney

Robinson, a noted astronomer. Ventura Co. Baja!

Seeds, per oz. 50.; per lb. \$6. Plants \$1. **ROMNEYA TRICHOCALEYX** Eastwood.

Closely resembling *R. Coulteri* in habit, lvs thinner, divisions narrower; sep setose. SBar and Ventura Cos. SD Co.

SEQUOIA SEMPERVIRENS Endl.

Redwood. A famous tree, growing near the coast only from Monterey bay to the Oregon boundary.

Seeds, \$2 per lb.

SEQUOIA GIGANTEA DeCaisne.

Giant Sequoia. Estimated to have attained a life period of four or five thousand years. 300-400' high, 30-40' in diam.

Seeds \$6 per lb.

SPINACH, New Zealand, pkt. 5c.

SQUASH, Italian vegetable marrow, pkt. 5c.

SQUASH, White Cocozella, pkt. 10c.

SQUASH, White marrow, striped, pkt. 5c.

SQUASH, Zucchini, pkt. 15c.

Genus TAXUS Tournefort.

TAXUS BREVIFOLIA Nutt.

Pacific Yew. Small trees growing along streams of British Columbia, south to the Santa Cruz mts, Cal. Lvs small, in 2 ranks. Wood tough and elastic.

Seeds, \$6 per lb.

TOMATO, Golden Queen, pkt. 5c.

TUNION CALIFORNICUM Greene.

Torreya Californica Torrey.

Californica Nutmeg.

False nutmeg. Singular trees of four species, found in Japan, China, Florida, and California respectively. Foliage of a heavy, disagreeable odor; fr resembling the nutmeg of commerce in both exterior and interior appearance, but having none of its qualities. Sd large, solitary.

Seeds, 75c. per lb.

VIBURNUM ACFIFOLIUM L.

Seeds 15 cents per packet.

VIBURNUM NUDUM L.

Seeds, per packet, 5 cents.

VITEX AGNUS-CASTUS Linnacus.

Seeds, 10 cents per packet.

WATERMELON, Improved Cuban Queen, pkt. 5c.

Genus TORREYA Arnott.

TORREYA CALIFORNICA Torr.

See *Tunio Californicum*.

VITIS CALIFORNICA Bentham.

YUCCA ARBORESCENS Trelease.

See *Chistoyucca arborescens*.

YUCCA BREVIFOLIA Engelm.

See *Chistoyucca arborescens*.

YUCCA MACROCARPA Engelm.

YUCCA VALIDA Brandegee.

YUCCA WHIPPLEI Torr.

See *Hesperoyucca Whipplei*.

LILIES FROM NEAR AND FAR.

BESSERA ELEGANS Schult.

Per doz. bulbs 35 c.; \$2.50 per 100; \$20 per 1000.

MILLA BIFLORA Cav.

Mexican star-flower; fls pure waxy white, 2 in diam, usually borne in pairs on long slender stems—frequently lasting 2 weeks when cut and placed in vases of water.

Per doz. bulbs 35c.; \$2.50 per 100; \$20 per 1000.

BOOKS.

FOR SALE —

BOOKS AND MAGAZINES.

Back numbers of leading magazines and standard old and new books supplied promptly at reasonable prices.

An—Annual.

B—Bulletin.

R—Report.

ABBOTT, W. L.:

—Notes on the natural history of Aldabra, Assumption, and Gloriosa Islands, Indian Ocean. 20c.

ABERCROMBIE, JOHN:

—Inquiries concerning the intellectual powers, and the investigation of truth. With additions (etc.) by Jacob Abbott. 1845. \$2.

ACCUM, FREDERICK:

—A practical essay on the analysis of minerals. 1st Am ed. 1809. 236 p. \$3.

AGASSIZ, ELIZABETH C.:

—et Alexander Agassiz: Seaside studies in natural history. 1865. 155 p. \$2.

AGASSIZ, LOUIS:

—Introduction to the study of natural history. 1847. \$1.

AIKEN, ARTHUR:

—A manual of mineralogy. 1st Am ed, 275 p. 1815. \$4.

AIKMAN, JAMES:

—A popular view of the animal kingdom. 1839. 372 p. \$2.

ALBERG, ALBERT:

—Frost flowers on the windows the result of the vital energy of plants. 1899. 25 p. \$1.

(ALBERS?) Register. A to Hay, 2 vols. \$4.

ALLARDYCE, PAUL:

—Stops or how to punctuate. 76 p. 50c.

ALLEN, GRANT:

—Colin Clouts' Calendar. 25c.

—The Devil's Die. 50c.

—The pedigree of wheat. 50c.

ALLEN, HARRISON:

—On a new subfamily of Phyllostome bats. 25c.

—Description of a new genus of Phyllostome bats. 25c.

—On Temminck's bat (*Scotophilus temminckii*). 30c.

—Introduction to a monograph of the N A bats. 50c.

—Notes on the genera of Vespertilionidae. 40c.

—Description of a new species of the genus *Carollia*, and remarks on *Carollia brevicauda*. 50c.

ALLEN, J. A.:

—The Am ornithologists' union: a 7 years retrospect. 1891. 25c.

—Description of 2 supposed new species of mice from Costa Rica and Mexico, with remarks on *Hesperomys melanophrys* of Coues. 1892. 50c.

ALLEN, TIMOTHY FIELD:

—Characeae of America. Pt 1. 1888. \$1.

ALLIBONE, S. AUSTIN:

—Evidences of the divine origin of the Holy Scriptures. 1871. 168 p. \$2.

ANDERSON, F. W.:

—A new *Fomes* from northern Montana. 1 pl. 25c.

ANDREWS, E. A.:

—R upon the Annelida Polychaeta of Beaufort, N. C. \$1.

—et S. Stoddard: A grammar of the Latin language. Ed 65. 75c.

ANNUAL OF SCIENTIFIC DISCOVERY:

1853-1869. Each \$2.

ANSON, GEORGE:

—A voyage around the world in the years 1740-44. 405 p. \$3.

ANTHONY, A. W.:

—Notes on the genus *Heleodytes*, with a description of a new subspecies. 1894. 50c.

—Birds of San Fernando, Lower California. 1895. 30c.

ARTHUR, J. C.:

—Development of vegetable physiology. 1895. 10c.

—The distinctions between animals and plants. Am nat 29: 961-965 (N 1895). 20c.

ASHLEY, GEORGE H.:

—Studies in the Neocene of California. 1895. 50c.

—The Neocene of the Santa Cruz mts. 1895. 50c.

ASHMEAD, WILLIAM H.:

—Descriptions of 3 new parasitic Hymenoptera from the Illinois river. 20c.

—Description of new Ichneumonidae in the collection of the US National Museum. \$1.

ATKINSON, GEORGE F.:

—On the structure and dimorphism of *Hypocrea tuberformis*. 15c.

ATKINSON, W. H. S.:

—et TGA: Arthur Brainard, artist and man. 75c.

ATWOOD, GEORGE W.:

—Fruits of Florida. 50c.

AUGHEY, JOHN H.:

—The iron furnace: or slavery and secession. 1863. 269 p, with author's portrait. \$1.

BACON, LEONARD WOOLSEY:

—The Church book. 1883. 75c.

BAIRD, SPENCER F.:

—Catalogue of NA birds. Ed 1. 1859. \$2.

BALDWIN, WILLIAM J.:

—Steam heating for buildings: or hints to steam fitters. 1882. \$1.

BALLOU, WILLIAM HOSEA:

—The bachelor girl. 50c.

BAMFORD, MRS. C. E.:

—Silk culture. 1886. 32 p. 20c.

BARNUM, P. T.:

—The humbugs of the world. 1866. 424p. \$1.

BARNUM, SARAH:

—Life of Sarah Barnum. Imperfect copy. 50c.

BARYE, ANTOINE LOUIS:

—Catalogue of his works exhibited 1889-90. 50c.

BAUER, GEORGE:

—Spellin. A universal language. Tr by T. Strauss. 1889. \$1.

BELL, ALEXANDER MELVILLE:

—World-English: the universal language. 1888. 50c.

BENNETT, JOHN:

—Letters to a young lady. 1835. 288p. \$2.

BIANCONI, F.:

—Le Mexique a la portee des industriels, des capitalistes, etc. 1889. 75c.

BIGELOW, J. R.:

—The Americans own book. 1847. 515 p. \$3.

BITANCOURT, LAURO B.:

—The state of Amazon, Brazil. 1893. \$1.

BLAKE, WILLIAM P.:

—New localities of Erythrite. 10c.

BOECKING, ADOLF ERICH:

—The *Nandu* (*Rhea americana*): an ornithological sketch. \$1.

BOWEN, ELE:

—Rambles in the path of the steam-horse. 1855. \$2.

BOWERS, STEPHEN:

- Extinct monsters. 1894. 25c.
 —Notes on the geology of Ventura Co., Cal. 1889. 50c.
BRADLEY, R.:
 —Ten practical discourses concerning earth and water, fire and air, as they relate to the growth of plants. 1727. 208 p. \$9.
BROCKLESBY, JOHN:
 —Elements of astronomy. 1859. \$2.50.
 —Elements of meteorology. 1856. 268 p. \$1.
BROOK, HARRY ELLINGTON:
 —Southern California. 1893. \$1.
 —Irrigation in Southern California. 1889. 48 p. 50c.
BROUGHAM, LORD:
 —Dialogues on instinct: with analytical view of the researches on fossil osteology. Phila. 1845. 203 p. \$2.
BROWNE, J. ROSS:
 —tet James W. Taylor: upon the mineral resources of the US. 1867. \$3.
 —R of the debates in the convention of California on the formation of the state constitution, in S and O. 1849. \$3. Spanish ed. \$4.
BRUCE, MINER W.:
 —Alaska, its history and resources, gold fields, routes and scenery. 1895. 128 p. \$1.
BRYANT, WALTER E.:
 —Additions to the ornithology of Guadalupe Island. 40 p. \$1.
 —A catalogue of the birds of Lower California. 1889. 15c.
 —Birds and eggs from the Farallon Islands. 1883. 50c.
BUCKLEY, ARABELLE B.:
 —The fairy-land of science. 50c.
BUFFON, CONDE de:
 —Natural History. Madrid, 1791, Vol. 1, Ed 2, 349 p. \$1.
BURGDORF, F. G. L. v.:
 —Versuch einer Vollständigen Geschichte vorzüglichen Holzarten. 1783. Vols 1 and 2. \$9.
BURT, E. A.:
 —Phalloidæ of the US. 1896. \$1.
CAMMANN, HENRY J.:
 —et Hugh N. Camp: The charities of New York, Brooklyn, and Staten Island. 1868. 598 p. \$2.
CAMPBELL, THOMAS:
 —Cyclopaedia of English poetry. 1875. \$5.
CARRIERE, E. A.:
 —Guide pratique au Jardinier multiplicateur. Paris. 286 p. \$1.
CARR, EZRA S.:
 —The patrons of husbandry on the Pacific Coast. 1875. 461 p. \$3.
CARTER, NICHOLAS:
 —Among the counterfeiter's. 10c.
CASEY, THOMAS L.:
 —Revision of the Stevini of Am north of Mexico. N1884. \$2.
 —Descriptive notices of N Am coleoptera. 111 p. 1 pl. \$2.
CHAMBERLIN, S. E.:
 —R on allowances on drawback on sugars. 30c.
CHESTERFELD, EARL:
 —Letters written to his son. 1774. 2 vols. \$12.
 —Beet sugar industry in California, 1898. 12 p. 20c.
CLAY, HENRY:
CLAY, HENRY:
 —Obituary addresses at his death, 1852. \$2.
CLOK, HENRY:
 —The diseases of sheep, with an essay on cattle epidemics, Phila. 1868. 146 p. \$1.
COBBETT, W.:
 —Annual Register. 1802. 1462 p. \$1.
COOK, LADY:
 —Essays on social topics. 50c.
COOPER, MISS:
 —Rural hours. \$1.50.
CUBAS, ANTONIO GARCIA:
 —Mexico, its trade, industries and resources. Tr by William Thompson. 1893. \$1.50.
DAIREAUX, EMILE:
 —Republique Argentine. 1889. \$1.
DANA, EDWARD S.:
 —et Samuel L. Penfield: on the crystalline form of polianite. 25c.
DANMAR, WILLIAM:
 —The tail of the earth: or the location and condition of the 'spirit world'. 1887. 50c.
DEAN'S interest and equation exponents. \$5.
DELAFIELD, J.:
 —Mysticism and its results. 80c.
DICK, THOMAS:
 —The practical astronomer. 1846. 437 p. \$1.
 —The Christian philosopher. 1830. 400 p. \$2
DIEHL, JOHN E.:
 —The domestic cat. 30c.
 —The poultry doctor. 30c.
DRAPER, JOHN W.:
 —The intellectual development of Europe. 2 vols. \$3.
DUANE, WILLIAM:
 —A visit to Columbia in the years 1822 and 1823. 632 p, 2 pl. \$4.
EDWARDS, BRYAN:
 —The history, civil and commercial, of the British colonies in the WI. 1794. Ed 2. 2 vols. \$15.
EMMONS, SAMUEL FRANKLIN:
 —Geographical and mining industry of Leadville, Colo. 770 p. 45 pl. 1886. \$7.
EMORY, WILLIAM H.:
 —Notes of a military reconnoissance from Fort Leavenworth, in Missouri, to San Diego, in California. 1848. \$4.
ENLOE, B. A.:
 —Trusts and futures. 1890. 40c.
FAMILY LIBRARY:
 —50 vols. Each 50c.
FISHER, W. W.:
 —Poetical works. 1876. 300 p. \$1.
FRIEND, JAMES EDWARD:
 —1000 Liars. 25c.
FUESS, R.:
 —Ueber Mikroskope fuer kristallographische und petrographische Untersuchungen. 60c.
GAY'S illustrated circle of knowledge. 948 p. \$2.
GENTLEMAN'S mathematical companion. vol 5. \$4.
GENTRY WILLIAM D.:
 —The concordance repertory of the more characteristic symptoms of the materia medica. 6 vols. 1890. \$36.
GORGEI, ARTHUR:
 —My life and acts in Hungary in the years 1848 and 1849. \$3.
GRAHAM, JOHN:
 —A memoir of James Riddall. 1851. 212 p. \$1.
GUNN, DOUGLAS:
 —Picturesque San Diego. 98 p. 72 photogravures. 1887. \$10.
GUTHRIE, WILLIAM:
 —A new geographical, historical and commercial grammar and present state of the several kingdoms of the world. 1808. \$6.
GYLLENBORG, Count Gustavus Adolphus:

- The natural and chemical elements of agriculture. Tr by John Mills. 1770. 216 p. \$2.
- HADINGER, W.:**
—Ueber den Loewit, eine neue Species aus der Ordnung der Salze. 1846. 50c.
—Die Interferenzglinien am Glimmer. 25c.
- HALL, HENRY:**
—America's successful men of affairs. 1895. 2 vols. \$20.
- HALL, Mr. and Mrs. S. C.:**
—Ireland (north and west), its scenery, character, etc. 496 p. 15 steel engravings. 200 f. \$6.
- HAMLIN, A. C.:**
—The tourmaline. 1873. 107 p. 4 colored pl. \$6.
- HANSON, WILLIAM:**
—Geographical encyclopedia of New South Wales. 1892. \$4.
- HARRIS, JOSEPH:**
—Food for plants. 50c.
- HAY, EDWARD:**
—History of the Irish insurrection of 1798. \$3.
- HAYDEN, F. V.:**
—Survey of the territories. R 1870. \$2.
- HENSHALL, J.:**
—The cultivation of orchidaceous plants. 1845. 124 p. 1 colored pl. \$2.
- HITTELL, JOHN S.:**
—The resources of California. 443 p. \$1.
- HOLCROFT, THOMAS:**
—Travels from Hamburg, through Westphalia, Holland, and the Netherlands to Paris. 1804. 2 vols. with many fine plates. \$30.
- HOPE ARTHUR:**
—A manual of Sorrento and inlaid work for Amateurs, with original designs. 1876. 47 p. 16 pl. \$1.
- HORTON, R. G.:**
—The life and public services of James Buchanan, with portrait. 1856. \$1.
- HOUSSAYE, ARSENE:**
—Men and women of the 18th century. 1857. vol 1. \$1.
- HOWARD, LEONARD:**
—The newest manual of private devotions. Ed 3. 1755. 526 p. \$2.
- HUNT, ROBERT:**
—The poetry of science. 1850. \$2.
- HUSMANN, GEORGE:**
—Am grape growing and wine making. Ed 4. 1896. \$1.50.
- HUXLEY, THOMAS H.:**
—On the origin of species. 1869. 150 p. \$1.
- IRMISCH, THILO:**
—Zur Morphologie der monokotylischen knollen, und Zwiebelgewächse. 1850. 286 p. 10 pl. \$8.
- JACKSON, JAMES:**
—A treatise on agriculture and dairy husbandry. 1840. 16 p. \$3.
- JALHAY, HENRY:**
—Etude sur les mines d'or et d'argent de la Colombie. 1891. 114 p. \$2.
- JAMES, EDWIN:**
—Account of an expedition from Pittsburg to the Rocky Mts. 1823. 2 vols. \$20.
- JAPAN Lily Flowers:** colored plates. \$1.
- JENKINS, JOHN S.:**
—Voyage of the US exploring squadron commanded by Captain Charles Wilkes, in 1838-42. Poor condition. \$4.
—The new clerk's assistant. 644 p. 1853. 50c.
- JONES, GEORGE WILLIAM:**
—Logarithmic tables. Ed 4. 1893. \$1.
- KAMTZ, LUDWIG FRIEDRICH:**
—Lehrbuch der Meteorologie. 3 vols. \$9.
- KERR, W. C.:**
—Ores of NC. \$3.
- KING, N. H.:**
—et HAK: the bee-keeper's text-book. Ed 7. 1868. 140 p. 60c.
- LATCHFORD, F. R.:**
—Notes on Ottawa Unionidae. 20c.
- LELONG, B. M.:**
—The olive in Cal. 1877. 40c.
—Fruit culture. 1890. 15c.
- LOSSING, BENSON J.:**
—Pictorial field book of the Revolution. 1852. 2 vols. \$18.
- MACKEY, ALBERT G.:**
—A lexicon of freemasonry. Ed 10. 1868 \$2.
—A text-book of Masonic jurisprudence. Ed 7. 1865. 570 p. \$3.
- MADDEN, R. R.:**
—A twelvemonths' residence in the West Indies. 1835. 2 vols. \$12.
- MALLET, M.:**
—Northern antiquities. Tr 1770. 2 vols. \$3.
- MANZIN, ARTHUR:**
—Earth and its treasures. 1875. \$3.
- MANTELL, GIDEON ALGERNON:**
—Pictorial atlas of fossil remains. 1850. 207 p. 74 pl. \$30.
- MARSHALL, JOSIAH T.:**
—The farmers, and emigrants' guide. 1859. 492 p. \$2.
- MAYNARD, C. J.:**
—Sparrows and finches of New England. 33 colored pl. \$1.50.
—Manual of NA butterflies. \$1.50.
- Mc ADIE, ALEXANDER:**
—Protection from lightning. \$1.
- METROPOLITAN MUSEUM OF ART:**
—Handbooks Nos. 5-9. 50c each.
- MILLER, HUGH:**
—Cruise of the Betsey. \$2.
—Testimony of the rocks. \$2.
—The old red sandstone. \$2.
- MIVART, ST. GEORGE:**
—Man and apes. 1873. 200 p. 61 f. \$1.
- MOORE, J. HOWARD:**
—Why I am a vegetarian. 25c.
- MOORE, WILLIAM V.:**
—A history of the Indian wars of the US. Imperfect. 328 p. \$2.
- MORLEY, JOHN:**
—Voltaire. 1872. 346 p. \$2.
- MORRIS, ROBERT:**
—Freemasonry in the Holy Land. Ed 10. 608 p. \$2.
—Masonic odes and poems.. 145 p. Ed 4. \$1.
- MORSE, GEORGE W.:**
—Pictures from the Astral plane. 1894. 20c.
—Two rejected poems. 1894. 10c.
- MOSES, A. J.:**
—Tables for the determination of minerals. 25c.
—Scheme for qualitative blowpipe analysis. 25c.
- MOWRY, WILLIAM A.:**
—Studies in civil government. 1888. 250 p. 50c.
- NEW YORK almanac and weather book for the year 1857.** 226 p. \$2.
- NOAD, HENRY M.:**
—The inductorium. Ed 3. \$1.
- OWEN, DAVID DALE:**
—Geological survey of Wisconsin, Iowa and Minnesota. 1852. 638 p. 15 pl. \$4.
- OWEN, RICHARD:**
—Memoir on the Megatherium, or giant ground-sloth of Am (Megatherium americanum, Cuvier). 1860. 84 p. 27 pl. \$20.
- PAEZ, RAMON:**

- Travels and adventures in South and Central America. With life in the Planos of Venezuela. 1873. 523 p. \$3.
- PAGE, DAVID:
—Rudiments of geology. 1844. 222 p. \$1.
- PALMER, WILLIAM J.:
—R of surveys across the continent in 1867-68 on the 35th and 32d parallels for a route extending the Kansas Pacific Railway to the Pacific ocean at San Francisco and San Diego. 1869. 250 p. \$5.
- PERRY, M. C.:
—The US Japan expedition. Vol. 3. \$3.
- PHILLIPS, WILLIAM:
—An elementary introduction to the knowledge of mineralogy. 1819. 417 p. Ed 2. \$5.
- PIDGEON, GEORGE S.:
—Diluvium, or the end of the world. 1835. 175 p. \$2.
- PINKERTON, J. J.:
—Petrology. A treatise on rocks. 1811. Vol. 1. 656 p. with fine vignettes. \$5.
- PLINY: Naturalis Historia. iii. Paris, 1685, with autograph of Benjamin Smith Barton. 645 p. 4to. \$4.
1c. \$4.
- POLLARD, EDWARD A.:
—The lost cause: a new southern history of the war of the confederates. 1867. 752 p. Rare. \$8.
- REAVIS, L. V.:
—Life of Gen. Wm S. Harney. 1878. 477 p. \$2.
- REESE, D. M.:
—Elements of geology. 1849. 535 p. \$1.50.
- RICHMOND, T. C.:
—The issue of 1888. 20c.
- RADWAY, JAMES:
—Handbook of British Guiana. 1893. \$1.
- ROGERS, HENRY RAYMOND:
—A new philosophy of the sun. 1886. 60c.
- ROMO, MANUEL A.:
—Compendio de geografía de la república Mejicana. 1885. 127 p. \$1.
- ROSA, DANIELE:
—Le Nov Latin. 1890. 50c.
- RUTHERFORD, T.:
—Institutes of natural law. Ed 2. \$3.
- SAFFELL, W. T. R.:
—Records of the revolutionary war. 1885. 554 p. Imperfect, rare. \$4.
- SAINT-FOISE, LE COMTE de:
—La República orientale de l'Uruguay. 1882. \$2.
- SALINAS, ADOLFO DUCLOS:
—The riches of Mexico and its institutions. 1893. \$4.
- SCHOMBURGK, ROBERT HERMANN:
—Die Barbacenia Alexandrinae und Alexandria imperatricis. Entdeckt und Beschrieben. 1845. 22 p 1 pl. \$1.
- SCRAUF, ALBRECHT:
—Bestimmung der optischen Constanten krystalliner Körper. 38 p 1 pl. 50c.
- SEEMANN, BERTHOLD:
—Die Palmen. 1863. 368 p. \$3.
- SEMMES, RAPHAEL:
—Service afloat and ashore during the Mexican war. 1851. \$2.
- SMILES, SAMUEL:
—Life of George Stephenson. 1868. 463 p. \$2.
- SMITH, SYDNEY:
—Works. 1859. 480 p, with portrait. \$2.
- SNOW, ROBERT:
—Observations on imitation. 1847. \$1.
- SOLLY, GEORGE A.:
—Carpet and ornamental flower bed designs. \$3.
- STEWART, B. B.:
—et P. G. Tait: The unseen universe. Ed 7. \$2.
- STOWE, HARRIET BEECHER:
—Men of our times. 1868. 575 p. \$2.
- SUE, EUGENE:
—The Wandering Jew. \$3. 5 vols.
- SZCZEPANSKI, FRITZ v.:
—Directory of technical literature. 1889. \$1.
- TERRY, T. B.:
—The A B C of Potato culture. 35c.
- THACHER, JAMES:
—American orchardist. Ed 2. 1825. \$5.
- THIERS, ADOLPE:
—History of the consulate and the empire of France under Napoleon. Tr by Dr. Forbes Campbell and H. W. Herbert. 1868. 5 vols. \$25.
- THOMAS, JOHN J.:
—Fruit culturist. 1846. 220 p. \$4.
- THOMPSON, R. S.:
—The Sucker's visit to the Mammoth cave. \$50c.
- TODD, JOHN:
—The students' manual. 1872. \$1.
- TREGARTHEN, GREVILLE:
—A sketch of the progress and resources of New South Wales. 1893. \$1.
- VOORHEES, EDWARD B.:
—First principles of agriculture. 1896. 212 p. \$1.
- WALKER, JOSEPH COOPER:
—Historical memoir on Italian tragedy. 1799. 338 p. ill. with appendix. 68 p. \$70.
- WARREN, W. H.:
—Australian timbers. \$1.
- ZAYAS ENRIQUES, R. de:
—Los Estados Unidos Mexicanos, sus condiciones naturales y sus elementos de prosperidad. 1893. \$1.

BOTANY.

- ANDERSON, ANDREW:
—A dissertation on the Eupatorium perfoliatum. 1813. 75 p. \$1.25.
- APGAR, AUSTIN C.:
—Trees of the northern US. \$1.25.
- ASSO y DEL RIO:
—Synopsis stirpium indigenarum Aragoniae. 1779. \$4.
- ATKINSON, GEORGE F.:
—The transformation of sporophyllary to vegetative organs. 50c.
- Some tendencies and problems in the evolution of species among parasitic fungi. 25c.
- BAILEY, FREDERICK MANSON:
—et Patrick Robertson Gordon: Plants reputed poisonous and injurious to stock. 1887. 112p. \$1.
- Peculiarities of the phanerogamic flora of Queensland. 75.
- BAIN, FRANCIS:
—et William Dawson: Notes on the geology and fossil flora of Prince Edward Island. 30.
- BALL, JOHN:
—Notes on the botany of western South America. 60c.
- BAXTER'S library of agricultural and horticultural knowledge. Ed. 2. 1832. 668 p. \$6. Ed. 2. 1832. 668p. \$6.
- BEAL, W. J.:
—Sugar maples of central Michigan. 1894. 50c.
- et C. F. Wheeler: Michigan flora. 1892. \$1.
- Bot R. State Agr College, Mich. 1895. 50c.
- BECK, LEWIS C.:
—Botany of the northern and middle states.

1833. 528p. \$4.
BEER, J. G.:
 —Die Familie der Bromeliaceen. 1857. \$3.
BERKELEY, M. J.:
 —Notices of NA fungi. Reprinted from *Gravillea*. 200p. \$4.
BERNHARDI, JOH. JACOB:
 —Ueber *Asplenium* und einige ihm verwandte Gattungen der Farrenkrauter. 1802. 32p. 4 pl. \$2.
BILL, JOHANN GEORG:
 —Grundriss der Botanik für Schulen. 1860. 320p. \$1.50.
BIRCHOFF, G. W.:
 —Lehrbuch der Botanik. 1834-36. 2 vols. \$6.
BLAKE, JOHN L.:
 —The Am farmer. 1854. \$2.
BRENDEL, FREDERICK:
 —Flora Peoriana. 1887. \$1.
BRIDGEMAN, THOMAS:
 —The florists' guide. 1844. 176p. \$2.
 —The young gardener's assistant. 1833. 290p. Ed 4. \$2.
 —Letter from Bolivia. 1845. 30c.
BUIST, ROBERT:
 —The Am flower garden directory. Phila. 1839. 380p. \$6.
CALL, R. ELLSWORTH:
 —Notes on the flora of Mammoth Cave, Kentucky. 1897. 50c.
CAMPBELL, DOUGLAS HOUGHTON:
 —A new Californian liverwort. 1896. 20c.
 —Structure and development of the mosses and ferns. 1895. 544p. 266f. \$4.50.
 —Studies in the flower and embryo of *Sparganium*. 50c.
CANDOLLE, A. P. de:
 —Organographie vegetale. 1827. 2 vols. \$6.
 —Sur la methode des sommes de temperature appliquee aux phenomenes de vegetation. 1875. 67p. 50c.
CARNUEL, TEODORO:
 —Pensieri sulla Tassinomia botanica. 1881. \$1.50.
CATLOW, A.:
 —Popular garden botany. 1855. \$3.
CHESTNUT, V. K.:
 —Some common poisonous plants. 1896. 15c.
CHORLTON, WILLIAM:
 —Am grape grower's guide. 1865. 216p. 32f. \$1.
COOKE, M. C.:
 —Handbook of British fungi. Ed 2. 1883. \$6.
 —et M. J. Berkeley: Fungi, their nature and uses. 1877. 299p. 109f. \$1.50.
CURTIS, WILLIAM:
 —Practical observations on the British grasses. Ed 5. 1812. 98p. 7pl. Also: "A short account of the course of the disease on corn, called by farmers the blight, the mildew, and the rust." by Sir Joseph Banks. 1 colored pl. \$5.
DARLINGTON, WILLIAM:
 —Flora Cestriaca. Ed. 2. 1837. \$4.
 —An essay on the development and modifications of the external organs of plants. 1839. 38p. 75c.
DAVIDSON, ANSTRUTHER:
 —List of plants of Los Angeles Co., Cal. 20p. 50c.
DAWSON, J. WILLIAM:
 —The genesis and migrations of plants. 25c.
 —On the Mesozoic floras of the Rocky Mountain region of Canada. Roy. Soc Can tr see 4. 1885. 1-22, t 1-4. 75c.
 —The geological history of plants. \$2.
DEAKIN, R.:
 —Flora of the Colosseum of Rome. 1873. \$2.
DELPINO, FEDERICO:
 —Pensieri sulla metamorfosi e sulla idiomorfosi presso le piante vascolari. 1882. 40c.
DODOENS, REMBERT:
 —Cruydtboek. 1554. \$60.
DREW, E. R.:
 —Notes on the botany of Humboldt Co., Cal. Torr bot cl b 16: 147-152. 20c.
DUHAMEL du MONCEAU:
 —Traite d'arbres et arbustres qui se cultivent en France en pleine terre. 1755. 2 vols. \$30.
EASTWOOD, B.:
 —A complete manuel for the cultivation of the cranberry, with a description of the best varieties. 1856. 120 p. 10 pl. \$2.
EATON, AMOS:
 —et John Wright: NA botany. Ed 8. 1840. 625 p. \$2.
EMMONS, EBENEZER:
 —Agriculture of N. Y. 3 vols. 1846-51. \$6.
ENDLICHER, S.:
 —Icones generum plantarum. 1838. \$25.
FARLOW, WILLIAM G.:
 —The conception of species as affected by recent investigations on fungi: 1898. 23p. 25c.
FLAX CULTURE, Manual of. 56 p. ill. 90c.
POSTER, FRANK P.:
 —Some poisonous plants. 20.
GIBSON, A. E.:
 —Horticulture by irrigation. 1888. 140p. \$1.
GOUCAN, ANTONII:
 —Hortus Regius Mouspeliensis. 1762. \$7.
GRAEF, H. A.:
 —Essay on popular botany. 1868. 75c.
GRIFFEN, AUGUSTUS R.:
 —A dissertation on *Fucus edule*. 1816. \$1.50.
HALE, MRS. SARA JOSEPHA:
 —Flora's interpreter. Ed 7. 1839. 264p. 2 colored pl. \$3.
HAMMAR, OLOF:
 —Monographia generis *Fumariarum*. 1857. \$1.
HILL, Sir JOHN:
 —Family herbal. 1855. \$1.
HOFMEISTER, WILHELM:
 —On the germination, development and fructification of the higher cryptogamia, and on the fructification of the Coniferae. Tr by Frederick Currev. 1862. 506p. \$5.
HOGG, ROBERT:
 —British pomology; etc—the apple. 1851. 306p. \$3.
HORNEMANN, J. W.:
 —Hortus regius botanicus Hafniensis. 2 vols. \$4.
HOWARD, D. H.:
 —May-Flowers. 30c.
JACQUES, D. H.:
 —The garden: a manual of practical horticulture. 1866. \$1.
LENNIS, JOHANNES:
 —Synopsis der drei Naturreiche. Botanik. 1864. 1230p. 557f. \$12.
LINDLEY, JOHN:
 —An introduction to the natural system of botany. Am ed 1. 1831. \$3.
LORENTZ, PABLO G.:
 —et Gustavo Niederlein: Botanica—Expedicion al Rio Negro (Patagonia). 1881. \$6.
LOW, DAVID:
 —Elements of practical agriculture. Ed 2. 1838. 736p. \$3.

- MACMILLAN, CONWAY:
—The Metaspermae of the Minnesota valley. 1892. 826p. \$3.
- MARTIN, JOHN:
—Tournefort's history of plants growing about Paris, * * * 1732. Vol. 2., 432p. \$2.
- MARTIUS, CHARLES Fr. Ph. de:
—Auswahl merkwürdiger Pflanzen des K. botanischen Gartens zu München in Abbildungen und Beschreibung, nebst Anleitung rucksichtlich ihrer Cultur, 1829-31. 27 p. 16 colored plates. \$4.
—Choix des plantes remarquables du Jardin botanique royal de Munic. 1831. 27 p. 16 pl. \$4.
- METTENIUS, GEORG:
—Cryptogamae vasculares — Ophioglossae und Equisetaceae von Dr. Julius Milde. p. 199-228. \$4.
- MULFORD, A. ISABEL:
—The Agaves of the U. S. 60c.
- NORTIER, H. KLOETE:
—Catechismus der Plantkunde. 1865. 12 8p. \$1.
- OELS, WALTER:
—Experimental plant physiology. Tr by D. T. Mac Dougal. 1894. \$1.
- PHARES, D. L.:
—The farmers' book of grasses and other forage plants. 1881. 152 p. \$1.
- PRENTISS, ALBERT N.:
—On the mode of the natural distribution of plants over the surface of the earth. 1872. 20p. 40c.
- PRENSSICHEN BOTANISCHEN VEREINS:
—Jahres-Bericht des, 1891-92. 80p. \$1.
- RICHARD, ACHILLE:
—Tentamen Florae Abyssinicae. 1847. Vol. 1. 172 p.
- ROESSLE, THEOPHILUS:
—How to cultivate and preserve celery. Edited. with a preface, by Henry S. Olcott, 1860. 126p. 4pl. \$2
- ROUSSEAU, J. J.:
—Letters on the elements of botany. Tr. by Thomas Martyn. Ed. 4. 1794. 532p. \$3.
- ROYLE, J. FORBES:
—Fibrous plants of India fitted for cordage, clothing and paper, with an account of the cultivation of flax, hemp, and their substitutes. 1855. 418p. \$8.
- RUSCHENBERGER, W. S. W.:
—Elements of botany, Phila. 1844. 162p. \$2.
- SAUNDERS, WILLIAM:
—Tea-culture as a probable Am industry. 1879. 60 c.
- SCHLECHTENDAL, D. F. L. de:
—Animadversiones botanicae Ranunculaceae Candolli. 1819. 2 pts. imperfect. \$1.
- SCOPOLI, JOAN ANTONII:
—Fundamenta botanica, 1783. 175 p. 10 pl. \$4.
- SENEBIER, JEAN:
—Physiologie Vegetale, 5 vols.
—Memoirs physico-chymiques. 1782. 3 vols.
- SMITH, JAMES EDWARD:
—An introduction to physiological and systematical botany. 1814. Ed. 408 p. 15p. \$4.
- THINKER, THEODORE:
—First lessons in botany. 1873. 142p. \$1.
- THORNTON, R. J.:
—Elements of botany. 2 vols. 140 plates. 1812. \$4.
- TRABUT, M. L.:
—Notes agrostologiques. 25c.
- TRACY, S. M.:
—et B. T. Galloway: Uncinula polychaeta. Bot Gaz 13: 29-32. 6f (F 1888). 10c.
- TRELEASE, WILLIAM:
—The species of Rumex occurring north of Mexico. Mo Bot Gard R 3: 74-98, t 13-33. \$1.
—Sugar maples, and maples in winter. 20c.
- UNDERWOOD, LUCIEN MARCUS:
—Our native ferns and their allies. Ed 3. \$1.25.
- UNGER, F.:
—Botanical letters. Tr by Dr. B. Paul. 1854. 116 p. ill. \$3.
- WAKEFIELD, PRISCILLA:
—An introduction to botany, in a series of familiar letters. Ed 6. 1811. 180 p. 11 pl. \$2.
- WATSON, SERENO:
—Contributions to Am botany. — I—XVIII. Wanted, Nos. II—XI.
- WOOD, ALPHONSO:
—Lessons in the structure, life and growth of plants. Revised by Oliver R. Willis. 1889. \$1.
- YOUNG, CHARLES S.:
—The lady's slipper. 6 pl. 75c.
- PINUS JEFFREYI Murray.
Variety PENINSULARIS Lemmon.
Peninsular Black Pine. Pinyo. On the San Rafael mts of Baja; bark dark brown, thick, deeply furrowed; cones remarkably abundant and large, 6-8 inches long.
Lemmon, Hdb Wam cone-bearers 35 (Jl 1895).

PERIODICALS.

We have thousands of untitled periodicals and pamphlets at 10 cents each.—send list of wants.

Subscriptions invited to all American and Foreign magazines and periodicals.

AMERICAN GARDENING:
AMERICAN GEOLOGIST:
AMERICAN FLORIST:
AMERICAN HOMES:
AMERICAN NATURALIST:
AMERICAN Mo. REV. OF REVIEWS:
AMERICAN ORNITHOLOGY:
BOTANICAL GAZETTE:
CHRISTIAN ADVOCATE:
CONDOR:
CURIO EXCHANGE:
CURIO MONTHLY:
CURRENT ADVERTISING:
DELINEATOR:
OOLOGIST: Albion, N. Y.
PACIFIC ENSIGN:
PITTONIA:
POPULAR SCIENCE NEWS:
PRESS AND HORTICULTURIST:
RAILROAD DIGEST:
SENTINEL: Ramona, Cal.
SCIENCE:
SCIENTIFIC AMERICAN:

EXCHANGES.

ORCUTT, C. R.: San Diego, California:
Shells to exchange for shells.
Shells, plants, etc., for books.

The ORCUTT SEED and PLANT COMPANY,

San Diego, California.