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## THE DEUTZIAS.

These beautiful shrubs have been introduced from Japan. They belong to the natural order Philadelphaceæ, of which our common Syringa or Mock Orange is the type. They have been regarded by most botanists as generically distinct from the genus Philadelphus, and received their present generic name in honor of an amateur botanist of Amsterdam, who was also a sheriff, one J. Deütz; but some botanists think that they are not generically distinct, notably Mr. George W. Johnson, editor of the *Cottage Gardener*, who says, in his "Gardener's Dictionary," that he believes they are only different sections of the same genus, and that he expects that some of the species of each will yet cross with each other, and so prove the correctness of his view.

*Deutzia scabra* is the strongest grower of them all, rising to a height of from ten to twelve feet in rich soil, and with a corresponding breadth. The leaves are coarse and rough, being covered, on the underside especially, with silica, and in such abundance that the Japanese use them for polishing. These siliceous bodies form a very beautiful object under the microscope when viewed by reflective light. This species is

a most profuse bloomer, yielding pure white flowers, which are borne on long spikes. If the old wood be cut away after flowering, and only the new growth allowed to remain, the shrub will be kept in much better shape and present at all times an ornamental appearance.

*Deutzia crenata, flore pleno*, is well represented by the colored plate which illumines this number. In habit of growth it strongly resembles the preceding, but is not quite so robust. The flowers are borne on graceful panicles of considerable length, are very double, pure white on the inner surface of the petals, but having the outer surface suffused with bright rose. This species also appears to much better advantage if the flowering shoots are pruned away after the season of bloom is past.

*Deutzia gracilis* has been so named from its very graceful style of growth. It is the smallest of all the species, and a general favorite. When covered with its pure white flowers it is a most charming object. It is frequently used by gardeners for early spring forcing in a cool greenhouse. Mr. F. J. Scott, in his "Suburban Home Grounds," says that he can remember no church deco-