

(V.) LIST OF PLANTS SUITABLE FOR DUNE-CULTIVATION IN NEW ZEALAND—continued.

Scientific Name.	Common Name.	Habitat.	Growth-form.	Remarks.
<i>Quercus alba</i> ..	White oak ..	N. America ..	Tree, deciduous ..	Wood valuable. With regard to oaks in general they are not to be specially recommended, on account of the difficulty of procuring good seed and the usual slowness of growth. However, in ornamental planting, as in domains, &c., some of these American oaks would be very acceptable.
— <i>coccinea</i> ..	Scarlet oak ..	N. America ..	Tree, deciduous ..	Wood hard, strong, coarse-grained.
— <i>Ilex</i> ..	Evergreen oak .. (the "Ilex" of non-scientific writers)	Mediterranean region ..	Tree, evergreen ..	Makes shelter.
— minor (syn. <i>Q. stellata</i>)	Post or iron oak ..	N. America ..	Tree, deciduous ..	Wood very durable.
— <i>virginiana</i> (syn. <i>Q. vitreus</i>)	Live-oak ..	N. America ..	Tree, evergreen ..	Wood very hard, tough, close-grained, and dense. Of spreading habit. A fodder plant.
<i>Rhus glabra</i> Billardieri*	..	Australia ..	Shrub, evergreen ..	Grows on bare sand. Wood extremely durable.
<i>Robinia pseudacacia</i> ..	Locust-tree ..	N. America ..	Tree, deciduous ..	Wood valuable for many purposes.
<i>Salix alba</i> ..	Huntingdon willow ..	N. Africa, Asia ..	Tree, deciduous ..	Grows naturally on dunes. Most of the willows are true sand-binders. Many more than here enumerated could be used.
— <i>adenophylla</i> ..	Furry willow ..	N. America ..	Shrub, deciduous ..	Grows naturally on dunes in Europe.
— <i>caprea</i> ..	Goat or palm willow ..	Europe, Asia ..	Tree, deciduous ..	A powerful sand-binder.
— <i>caspica</i> ..	Caspian willow ..	Asia ..	Shrub, deciduous ..	
— <i>daphnoides</i> ..	..	Europe, Asia ..	Tree, deciduous ..	
— <i>glaucophylla</i> ..	Broad-leaved willow ..	N. America ..	Shrub, deciduous ..	
— <i>pentandra</i> (syn. <i>S. laurifolia</i>)	Laurel-leaved willow ..	Europe, Asia ..	Tree, deciduous ..	
— <i>rosmarinifolia</i> ..	Rosemary-leaved willow ..	..	Low tree or shrub, deciduous ..	An extremely handsome low tree with glossy leaves.
— <i>viminialis</i> ..	Oster-willow ..	Europe, Asia ..	Low tree or shrub ..	Excellent sand-binder.
<i>Sopronia officinalis</i>	Soapwort ..	Europe, Asia ..	Herb, perennial ..	Makes dense covering to the ground.
<i>Sophora tetraptera</i>	Kowhai ..	New Zealand ..	Tree, semi-deciduous ..	Valuable for fencing-posts. The name is used with its wide meaning.
<i>Spartium junceum</i> ..	Spanish broom ..	Mediterranean ..	Shrub, evergreen ..	A very handsome shrub.
<i>Sporobolus indicus</i> ..	Rat-tail-grass ..	Cosmopolitan ..	Grass, perennial ..	Grows freely on sand. Said to damage teeth of grazing animals. Will grow where hardly any other fodder plant can exist.
<i>Stenotaphrum glabrum</i> †	Buffalo-grass ..	Cosmopolitan ..	Grass, perennial ..	Will bind minor sand-drifts. No value as fodder plant.
<i>Tamarix gallica</i> ..	Tamarisk ..	Mediterranean region, Asia ..	Tree, deciduous ..	Tolerates sea-spray. Other species of <i>Tamarix</i> may also be used.
<i>Tilia americana</i> ..	Basewood ..	N. America ..	Tree, deciduous ..	Wood serves for many purposes.
<i>Trifolium agrarium</i> ..	Perennial yellow-clover ..	Europe, Asia ..	Herb, perennial ..	Fodder plant.
— <i>alexandrinum</i> ..	Bersin clover ..	Asia Minor, Egypt ..	Herb, annual ..	Should be tried as fodder plant.
— <i>fragiferum</i> ..	Strawberry-clover ..	Europe, Asia, N. Africa ..	Herb, perennial ..	As above.
— <i>dubium</i> ..	Yellow-suckling ..	Europe, N. Africa ..	Herb, perennial ..	Valuable pasture clover.
— <i>repens</i> ..	White clover ..	North temperate region ..	Herb, perennial ..	Grows fairly well on pure sand, and excellently where there is a little humus, as on ancient dunes. The most important fodder plant for dune-culture.
— <i>resupinatum</i> ..	Annual strawberry-clover ..	Europe, Asia, N. Africa ..	Herb, annual ..	Fodder plant.
<i>Ulex europaeus</i> ..	Gorse ..	Europe ..	Shrub, evergreen ..	Apt to become a nuisance, but, all the same, is doing excellent work in New Zealand in fixing sands and river-beds, in which cases it should be exempt from the Noxious Weeds Act.
<i>Uniola paniculata</i> ..	Sea-oats ..	N. America ..	Grass, perennial ..	Sand-binding grass, 3 ft. to 8 ft. tall.
<i>Veronica elliptica</i> ..	Coastal veronica ..	New Zealand ..	Shrub, evergreen ..	Can be used for hedges close to or on the shore. A good many other New Zealand species of the genus will grow on sand, but they are valuable solely as ornamental plants.
<i>Vicia sativa</i> ..	Common vetch ..	Europe, Asia ..	Herb, annual or biennial ..	Probably a fodder plant of importance for sand-hollows, &c.
— <i>tetrasperma</i> ..	Lentil-tare ..	Europe, Asia, N. Africa ..	Herb ..	Fodder plant.
<i>Yucca filamentosa</i> ..	Adam's needle ..	N. America ..	Herb, evergreen ..	Grows on pure sand. Also ornamental plant.