

Table 6.

DOMINANT AND/OR CHARACTERISTIC SPECIES OF VARIOUS NATURAL COMMUNITIES IN JAPAN.
I. Evergreen broad-leaved forest region

	Ogasawara	Okinawa and Amami	Kyushu, Shikoku, and Honshu
A Climatic climax	<i>Machilus kohu</i> <i>Livistonia boninensis</i> <i>Freycinetia formosa</i> var. <i>boninensis</i>	<i>Machilus thunbergii</i> <i>Castanopsis sieboldii</i>	<i>Camellia japonica</i> <i>Trachelospermum asiaticum</i> <i>Eurya japonica</i> (Coastal area) <i>Machilus thunbergii</i> <i>Castanopsis sieboldii</i> <i>Castanopsis cuspidata</i> (rather inland) (Inland area) <i>Quercus myrsinaefolia</i> <i>Quercus acuta</i> <i>Quercus gilva</i>
B Edaphic climax	<i>Ochrosia nakaiana</i> <i>Cinnamomum pseudo-pedunculatum</i> <i>Ligustrum micranthum</i> <i>Distylium lepidotum</i> <i>Schima mertensiana</i> <i>Raphiolepis integriflora</i>	<i>Pinus luchuensis</i> <i>Cycas revoluta</i> (only on seacoast)	(Coastal area) <i>Pinus thunbergii</i> <i>Pittosporum tobira</i> <i>Quercus phillyraeoides</i> (only on Pacific side) <i>Eurya emarginata</i> (only in warmer area) (Coastal to inland) <i>Pinus densiflora</i> (Inland area) <i>Quercus glauca</i> <i>Quercus salicina</i> <i>Abies firma</i> <i>Tsuga sieboldii</i>
C Coastal sand dune	<i>Hernandia peltata</i> <i>Terminalia catappa</i> <i>Vitex rotundifolia</i> <i>Scaevola taccada</i>	<i>Pandanus tectorius</i> var. <i>liukiuensis</i> <i>Messerschmidia argentea</i>	<i>Pinus thunbergii</i>
D Salt marsh			<i>Limonium tetragonum</i> <i>Suaeda maritima</i> <i>Lumnitzera racemosa</i> <i>Sonneratia alba</i> <i>Rhizophora mucronata</i> (Okinawa and Amami) <i>Bruguiera conjugata</i> <i>Kandelia candel</i>

Table 6
II. Summergeen broad-leaved forest region

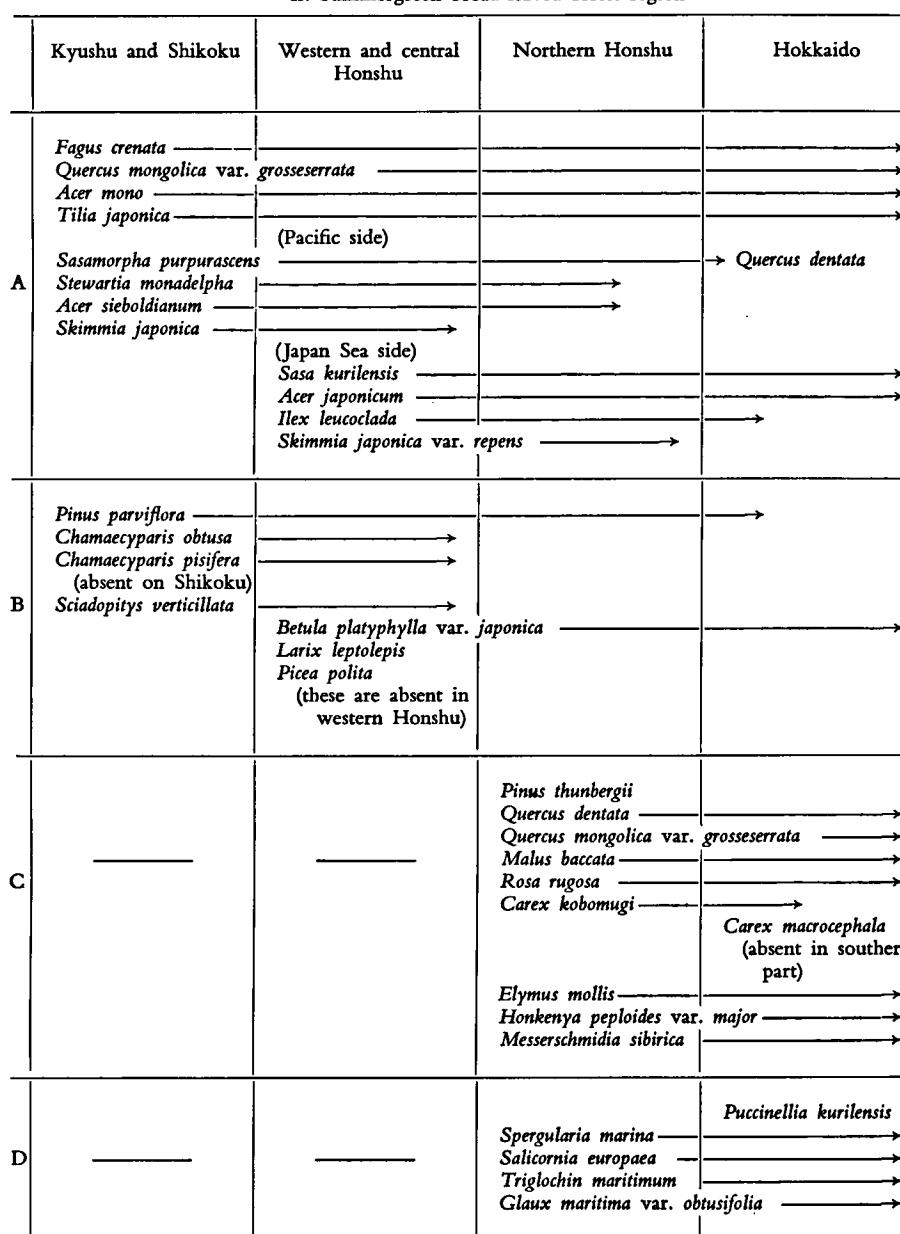


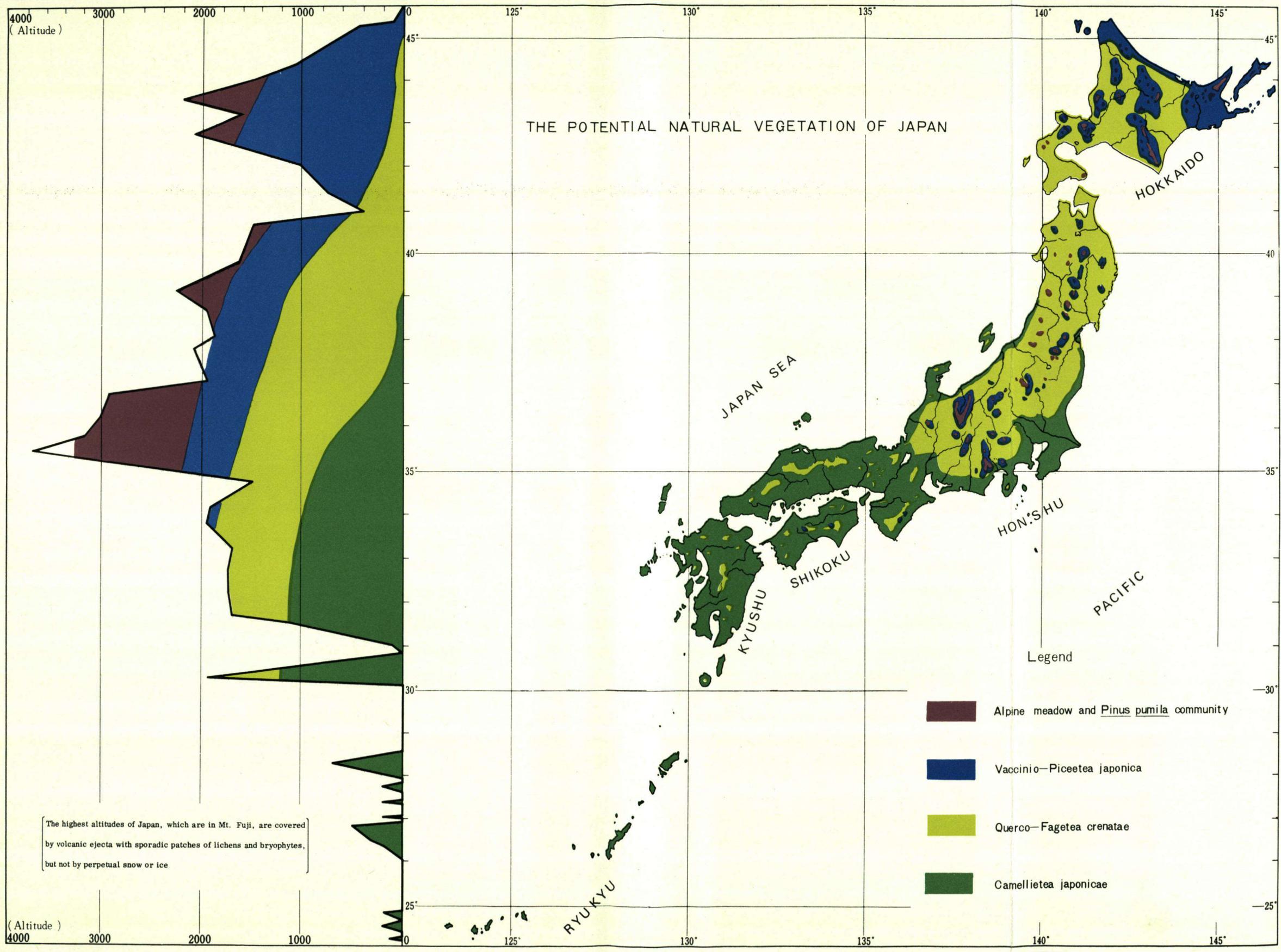
Table 6
III. Subalpine, subarctic, and alpine regions

	Subalpine and subarctic region	Alpine region	
	Shikoku and Honshu	Hokkaido	Honshu and Hokkaido
A	(Shikoku) <i>Abies veitchii</i> var. <i>shikokiana</i>	<i>Abies sachalinensis</i> <i>Picea jezoensis</i>	<i>Pinus pumila</i> <i>Vaccinium vitis-idaea</i> <i>Rhododendron aureum</i>
	(Honshu) <i>Abies veitchii</i> (absent in northern Honshu)		
	<i>Abies variegata</i> <i>Picea jezoensis</i> var. <i>hondoensis</i>		
	<i>Cornus canadensis</i>		
	<i>Oxalis acetosella</i>	—	—
	(snowy region of northern Honshu) <i>Quercus mongolica</i> var. <i>undulatifolia</i>		
B	<i>Thuja standishii</i> <i>Tsuga diversifolia</i> <i>Larix leptolepis</i> <i>Betula ermanii</i>	<i>Picea glehnii</i>	<i>Sorbus sambucifolia</i> <i>Sorbus matsumurana</i>
	<i>Alnus maximowiczii</i>	—	—

Table 7.

DOMINANT AND/OR CHARACTERISTIC SPECIES OF VARIOUS SECONDARY COMMUNITIES IN JAPAN

Evergreen broad-leaved forest region				Summergreen broad-leaved forest region		
Ogasawara		Okinawa and Amami	Kyushu, Shikoku, and Honshu	Kyushu, Shikoku, and Honshu		Hokkaido
	<i>Lecidea glauca</i> (introduced)	<i>Pinus luchensis</i>	<i>Castanopsis cuspidata</i> (only in warmer parts) <i>Pinus densiflora</i> <i>Quercus serrata</i> <i>Quercus acutissima</i> <i>Castanea crenata</i> Bamboo	<i>Quercus mongolica</i> var. <i>grosseserrata</i> <i>Betula platyphylla</i> var. <i>japonica</i> <i>Quercus dentata</i>		
	<i>Miscanthus boninensis</i>	<i>Miscanthus sinensis</i> <i>Imperata cylindrica</i> var. <i>koreana</i> <i>Pteroblastus linearis</i>	<i>Pleioblastus chino</i> (only in central Honshu) <i>P. distichus</i> var. <i>nezasa</i> (only in western Honshu, Shikoku, and Kyushu) <i>Pteridium aquilinum</i> <i>Arundinella hirta</i> <i>Aster scaber</i> <i>Solidago virga-aurea</i> var. <i>asiatica</i> <i>Potentilla fruticosa</i> <i>Potentilla fraterniana</i>	<i>Phleum pratense</i> <i>Dactylis glomerata</i>		
	<i>Cynodon dactylon</i>	<i>Zoysia tenuifolia</i>	<i>Zoysia japonica</i> var. <i>distichus</i> (mostly in Kyushu) <i>Carex nervata</i> <i>Luzula capitata</i> <i>Hedwigia ciliata</i> <i>Hydrocotyle ranifera</i>	<i>Poa pratensis</i> <i>Taraxacum officinale</i>		
	<i>Rice-field weeds</i>	<i>Upland weeds</i>	<i>Digitaria adscendens</i> <i>Setaria viridis</i> <i>Oxalis corniculata</i> <i>Euphorbia hirta</i> var. <i>orientalis</i> <i>Angagallis arvensis</i> forma <i>coerulea</i> <i>Veronica javanica</i> <i>Dichrocephala bitolor</i> <i>Sigesbeckia orientalis</i> <i>Emilia sonchifolia</i> <i>Commelinia nudiflora</i>	<i>Commeleina communis</i> <i>Polygonum longistylum</i> <i>Stellaria media</i> <i>Chenopodium album</i> <i>Anarrhinus retroflexus</i> <i>Senecio vulgaris</i> <i>Euphorbia spina</i> <i>Cyperus microtis</i> <i>Centipeda minima</i> (Kyushu) <i>Phyllanthus urinaria</i> <i>Vandellia crispa</i> (Honshu and Shikoku) <i>Pinnellia ternata</i> <i>Sonchus asper</i> <i>Euphorbia Pseudo-chamaesyce</i>	<i>Elsholtzia ciliata</i> <i>Sonchus brachywois</i> <i>Polygonum convolvulus</i>	
	<i>Weeds in trampled habitat</i>		<i>Echinocloa crus-galli</i> <i>Juncus effusus</i> var. <i>decipiens</i> <i>Elatine triandra</i> var. <i>orientalis</i> <i>Lindernia pyxidaria</i> <i>Cyperus difformis</i> <i>Azolla imbricata</i> <i>Scirpus planiculmis</i> <i>Blyxa coreana</i>	<i>Monochoria vaginalis</i> var. <i>planaginea</i> <i>Dopatrium junceum</i> <i>Anemone japonica</i>	<i>Alisma canaliculata</i> <i>Alisma orientalis</i> <i>Eriogonum robustus</i>	
Reforestation			<i>Euphorbia maculata</i> <i>Chloris radiata</i>	<i>Plantago asiatica</i> <i>Poa annua</i> <i>Digitaria violascens</i>		
			<i>Elettaria indica</i> <i>Sporobolus elongatus</i> <i>Euphorbia makuinai</i> <i>Panicum repens</i>	<i>Eragrostis ferruginea</i> <i>Polygonum aviculare</i> <i>Trifolium repens</i> <i>Juncus tenuis</i>	<i>Carex iniosa</i> (only in Honshu) <i>Polygonum acquale</i>	
			<i>Pinus luchensis</i>	<i>Chamaecyparis obtusa</i> <i>Cryptomeria japonica</i> <i>Pinus densiflora</i> <i>Pinus thunbergii</i>	<i>Larix leptolepis</i> <i>Abies homolepis</i>	



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NUMATA C.S.
Fig. 2.