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etinospora obtusa . leptoclada alisburia adiantifolia	20	$\begin{vmatrix} 11 \\ 26 \end{vmatrix}$	 F	M	North America	Wood grown here remarkably durable; tree gro
t. leptoclada alisburia adiantifolia	1	-	_			very slowly.
alisburia adiantifolia	2	8	F	P	Japan	A timber-tree of Japan. Fails badly here.
	9	20		M	,, · · · · ·	For ornament this is a very desirable tree.
equoia sempervirens	3	5		P	China	A curious tree, only useful as a distinct tree in a of lection.
	4	14	$\mathbf{F}$	M	California	The redwood. A tree that should be largely grov
1						on the pumice lands.
alix alba	.••	•••	••	••	••	This and about two dozen other species of willow a growing here. S. alba needs the vicinity of wat when it will grow into a fine tree, and is a valual timber, especially for cricket-bats.
axus baccata	12	14	F	P	England	The English yew. Makes a fine evergreen tree slow growth.
axodium distichum	5	8		P	America	This requires much water, and is a valuable timb tree for swamps.
hujopsis dolobrata	2	11	$\mathbf{F}$	P	Japan	Not to be grown for timber, but is a very distinct tr
ilia europea	19	28	F	M	Europe	The lime-trees are useful for several purposes, a
. americana	4	6	777	P	America	bees make much honey from their flowers. These are good timber-trees where land is not t
huja occidentalis	5	11	F . F	$\frac{\mathbf{M}}{\mathbf{G}}$	British Columbia	dry.
'. gigantea	$\frac{26}{19}$	40   30	r	G	Scotland	A spreading tree that in free soil makes good growtl
Imus montana	6	10	• •	M	America	Does not grow so well as the European elms.
. campestris	6	29	F	G	England	Of upright growth, and rapid when in good position.
. purpurea	7	16	.,	M		These elms are distinct in appearance, and make f
. exoniensis	7	16		M	England	growth.
suberosa	25	45	F	G	Europe	This is the cork-barked elm. Sends up suckers ve freely.
. fulva		6				1 reely.
racemosa	• •	5		• • •	•••	
. crassifelia		4		,,,		
. parvifolia		3				These are also growing here.
. vegeta		8				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
. Koopmani		10			••	
. turkestani		8		::	0.110	min (Chin Ama 2) of California Day that the
Vellingtonia gigantea	15	35	F	M	California	The "big tree" of California. Requires rich de soil to succeed here.

\* Good, G; moderate, M; poor, F.

T. W. ADAMS, Greendale, Canterbury.

## (D.) NOTES ON THE GROWING OF AUSTRALIAN GUM-TREES IN THE WAIKATO.

On the 8th October, 1874, my brother, the late J. C. Reynolds, sowed some gum-seeds under different names—viz., messmate, red ironbark, slatey gum, woolly-butt, white ironbark, stringy-bark, bastard box, blue-gum (Aus ralian) black ironbark, bloodwood, and Australian red-gum. The messmate is what is commonly known here as peppermint gum: the bark is rough and thick; the tree is very hardy, will transplant well, is a quick grower, and will stand sharp frosts. The wood is salmon colour. I have been sowing seed of this messmate gum for some years, and it germinates well.

The Rev. J. H. Simmonds, Principal of the Auckland Three Kings College, who is an enthusiastic advocate of forestry, has been securing specimens of gums I have been growing to send to Australia.

advocate of forestry, has been securing specimens of gums I have been growing to send to Australia

for identification.

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