

No. 7.

Dr. HECTOR to Professor KELLOG.

SIR,—

Colonial Museum, 5th August, 1871.

In consequence of the interest which you have taken in procuring seeds for Mr. Gray, and also on the recommendation of Mr. Richardson, of Christchurch in this country, by desire of the Hon. the Colonial Secretary, I venture to ask your assistance in carrying out the recommendation which is contained in section 7 of the enclosed Report of a Committee of the Legislature on Colonial Industries.

At page 9 of the evidence attached to the report, you will find further reference to the subject, and from which you will learn that the object desired by Government is not so much the introduction of a great variety of forest trees, as to be able to supply the seeds of those kinds that are most likely to be raised successfully in large quantities. Arrangements have been made to have the seeds raised in local nurseries, in the districts where the young trees are to be distributed, and Government has authorized an expenditure not exceeding £200 in the first instance, for the purpose of procuring the seed. Feeling persuaded that you are much better able than we can here be to select the trees that will be most advantageous, I enclose a list, only with the idea of suggesting the species that we find to be most suitable to the climate, but do not in any way, wish to limit you to the list, or to require that all those mentioned should be sent.

I am led to understand from Mr Gray, that you organize parties for the collection of the Pine seeds every season, and all that I venture on behalf of the Government to request is, that you will arrange that the expense of one or more of any expedition you send out this autumn may be defrayed in part out of the above sum of £200, so far as it is available, and in return an equivalent share of the proceeds of the expedition be forwarded to New Zealand.

I think, in the absence of more accurate information on the subject, it is better to leave all the details to you; but the Government Agent who accompanies the mail this trip has instructions to wait on you with this, and to afford any further particulars you may require. He is also empowered to make any payment on account that you suggest as necessary.

It is hardly necessary to remind you that, owing to the circumstances that the seeds will have to journey through the tropics, and owing to the change of hemisphere, unless they are forwarded early enough to catch our spring, namely November, they may require to be held over for twelve months.

On this subject, and also on the not less important subject of the manner of packing the seeds, Mr. Richardson informs me that he has written to you fully, giving his experience; and as few in this Colony are better able to form an opinion, I may safely recommend you to adopt his suggestions.

Professor Kellog.

I have, &c.,
J. HECTOR.

	<i>Californian Firs.</i>	
Abies Douglassi		Abies Hookeriana
„ Mertensiana		„ Menziesii
	<i>Silver Firs.</i>	
„ Picea Bracteata		„ Picea Amabilis
„ „ Nobilis		„ „ Grandis
„ „ Balsama		„ „ Fraseri
	<i>Pines.</i>	
Pinus Muricata		Pinus Radiata
„ Benthamiana		„ Contorta
„ Fremontiana		„ Sabiniana
„ Insignis		„ Tubercalata
„ Jeffreyi		„ Lambertiana
„ Coulteri		„ Monticola
„ Ponderosa		
	<i>American Firs.</i>	
Abies Alba		Abies Rubra
„ Nigra		„ Canadensis
	<i>Pines.</i>	
Pinus Inops		Pinus Australis
„ Mitis		„ Rigida
„ Resinosa		„ Tæda
	<i>Mexican Firs (Silver).</i>	
„ Llaveana		Pinus Patula
	<i>Californian.</i>	
Cupressus Macrocarpa		Sequoia Sempervirens
„ Lawsoniana		Redwood of California
Wellingtonia Gigantea		Juniperus Californica
Thuja Gigantea		Thuja Lobbi

APPENDIX IV.—SILK INDUSTRY.

No. 8.

Mr. BATCHELOR to the Hon. W. GISBORNE.

SIR,—

Nelson, 27th September, 1870.

Having received a copy of Mr. Baldwin's report on Sericulture, induced me at once to plan