

VEGETABLE SUBSTANCES

MATERIALS OF MANUFACTURES.

~~~~~  
WITH ILLUSTRATIONS.  
~~~~~



LONDON:
NATTALI AND BOND, 23, BEDFORD STRFET,
COVENT GARDEN.

CONTENTS.

CHAPTER I.

	Page
SUBSTANCES more peculiarly applied to weaving	
Flax	1

CHAPTER II.

The same subject continued.	
Cotton	22

CHAPTER III.

Filaments applicable to spinning and weaving.	
Spartum	50
Asclepias	52
Hop-bine	54
Nettle	56
Bean-stalk	58
Mallow	58
Bark and shoots of mulberry	58
Otaheitan cloth	59

CHAPTER IV.

Fibres applicable to cordage.	
Hemp	63

CHAPTER V.

The same subject continued.	
Sunn	87
Paat	92
Chinese hemp	94
New Zealand flax and grass	95

CHAPTER VI.

The same subject continued.	
Agave Americana	100
Other species of agave	102

	Page
Bromelia	104
Bowstring creeper	107
Calocee	107
Maho-tree	108
Ejoo	109
Coir	109
Barks of various trees	112
Esparto	113
Other fibres	114

CHAPTER VII.

Materials used for matting and basket-making, &c.	
Rushes	116
Bark of the linden-tree	121
Osiers	123
Canes	124
Bamboo	126

CHAPTER VIII.

Materials used for paper.	
Papyrus	129
Cotton, linen, &c.	139
Mulberry-tree	141
Bamboo	142
Talipot-tree	144
Materials used in various countries	146
Bark of various trees	149
Stalks of various plants	149
Various substances	150
Straw	152
Liquorice root	153
Husks of Indian corn	153
Moss	154

CHAPTER IX.

Materials used in straw plat.	
Spelt corn	157
Rye grass	159
Tickle-moth grass	162
English grasses	163
Other grasses	164
Chips of wood	166

CONTENTS.

vii

CHAPTER X.

	Page
Cork-wood	170
Teazles	175
Ulva marina	177

CHAPTER XI.

Substances used in tanning.

Oak bark	178
Catechu	183
Mangrove	186
Mimosa	191

CHAPTER XII.

Vegetable oils and similar products.

Fixed oils	194
Olive	194
Rape	204
Linseed	207
Hemp	208
Cotton	213
Sesamum	214
Arachis	216
Poppy	218
Nut	221
Beech	222
Palm	222
Cocoa-nut	224
Ben	229
Camellia oleifera	229
Alrasin	230

CHAPTER XIII.

Essential oils.

Huile antique	232
Lavender	233

Empyreumatic oils.

Birch	233
Tar	235
Pitch	240

CHAPTER XIV.

Other inflammable vegetable products.

Virginia myrtle	242
---------------------------	-----

	Page
Brazilian palm wax	249
Andes palm wax	251
Croton tallow	252
Piney tree	254

CHAPTER XV.

Alkalis.	
Alkali	257
Soda	258
Barilla.	261
Kelp	265

CHAPTER XVI.

Alkalis, continued.	
Potash and pearlash	270
American potash	273
Other alkaline plants	277

CHAPTER XVII.

Acids.	
Tartar	283
Cream of tartar	284
Tartaric acid	285
Oxalic.	287
Pyroligneous and Acetic	290
Citric	292
Gallic	300

CHAPTER XVIII.

Vegetable dyeing substances used in the arts.	
Dyeing substances	302
Indigo	308
Indigofera cœrulea	329
Nerium indigo	330
Woad	332

CHAPTER XIX.

Substances which afford a violet dye.	
Logwood	338
Other plants	347