



CONTENTS

INTRODUCTION

1. PRINCIPLES

1.1. PURPOSE OF THE STANDARD

The purpose of this standard is to define the consumer that textile products are dyed with natural dyes and natural dye requirements.

1.2. SCOPE

This standard includes dyed textile products (clothes, textile toys, home textiles, etc.) using 100 % natural dyestuff sources.

Unless explicitly stated, the standard focuses on mandatory criteria. The criteria are the Natural Organic Dye Standard (NODS), and at the same time, GOTS criteria had to include. This Standard is called NODS.

1.3. CERTIFICATE OF SCOPE

The Natural Organic Dye Certificate (NODS) is an approved certification by the criteria.

1.4. ETHICS CLASSES AND LABELING

- a) NODS standard natural organic dyestuff, natural mordant, and binders evaluated together.
- b) *Coloring substances (dyes) are included in natural organic dye sources of plant and animal origin, or coloring substances (dyes) including without animal origin.*
- c) *Coloring compounds (dyes) contained in natural organic dye sources of plant and animal origin, or coloring compounds (dyestuffs) include without animal origin.*
- d) *The product has been dyed with natural mordant substances or binders (natural clays) used in natural dyeing.*

The product may be sold, labeled or declared with the NODS logo or with directly (Natural Organic Dye Standard).

The Labeling by the certification company that approves NODS products will refer to it. (for example, the name and/or logo of the certification body will be defined)

In all cases, NODS labeling is only applicable to the product by the Certified Company, and the product must be approved by the certified company before.

1.5. REFERENCE DOCUMENTS

NODS reference documents refer to documents containing binding and requirements for users.

Table: List of Natural Organic Dye Standard.

1. Dyeing		
Parameter	Criteria	Test Methods
Selection of dye and mordant substance	<i>Just;</i> <i>-Natural dyestuff sources are shown in 2,3,4,5,6</i>	HPLC-DAD, LC/MS
	<i>-Dyestuffs are shown in 7,</i>	HPLC-DAD, LC/MS

	<p><i>-The natural mordant substances are shown in 8,</i></p> <p><i>-Under the maximum limits of elements shown in 9,</i></p> <p><i>-NODS criteria are suitable,</i></p> <p><i>It is suitable for the NODS criteria.</i></p>	<p>SEM-EDX; ICP/ MS</p> <p>SEM-EDX; ICP/ MS</p>
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2. Plant Resources Used in Natural Dyeing	
Name of Dye Plant	Scientific Name
2.1.1. Three-leafed sage	<i>Salvia sp.</i>
2.1.2. Abatia	<i>Abatia rugosa</i>
2.1.3. Berberry	<i>Berberis vulgaris</i> L.
2.1.4. Alder	<i>Alnus glutinosa</i> L.
2.1.5. African birch	<i>Anogeissus leiocarpa</i>
2.1.6. African grape	<i>Lannea microcarpa</i> Engl.
2.1.6. African padauk	<i>Pterocarpus soyauxii</i> Taubert
2.1.7. Laurel	<i>Laurus nobilis</i> L.
2.1.8. Alder buchthorn and spps	<i>Frangula alnus</i> Miller ve sp.
2.1.9. Annatto	<i>Bixe orellana</i> L.
2.1.10. Arfaj	<i>Rhanterium epapposum</i> Olvi.
2.1.11. Wine	<i>Vitis vinifera</i> L.
2.1.12. Safflower	<i>Carthamus tinctorius</i> L.
2.1.13. Assam	<i>Baphicacanthus cusia</i> NEES
2.1.14. Assam indigo	<i>Strobilanthes cusia</i>
2.1.15. True Brazilwood	<i>Caesalpinia sapan</i> L.
2.1.16. Brazilwood	<i>Caesalpinia echinata</i> Lam
2.1.17. Bastard teak	<i>Butea monosperma</i> Taubert
2.1.18. Belleric myrobalan abd spps	<i>Terminalia bellirica</i> and spps.
2.1.19. Bengal kino	<i>Butea monosperma</i> Taubert
2.1.20. Betel	<i>Areca catechy</i> L.
2.1.21. Andoz otu	<i>Inula viscosa</i> L.
2.1.22. Black quercitron oak	<i>Quercus velutina</i> L.
2.1.23. Blaeberry and sp.	<i>Vaccinium myrtillus</i> L. and ssp.
2.1.24. Bloodroot	<i>Sanguinaria canadensis</i> L.
2.1.25. Bongo	<i>Danais fragrans</i>
2.1.26. Bongontany	<i>Pentania veronicoides</i>
2.1.27. Dyer's greenwood	<i>Genista tinctoria</i> L.
2.1.28. Dyer's sumac	<i>Cotinus coggygria</i> SCOP
2.1.29. Tru Brazilwood	<i>Caesalpinia brasiliensis</i> L.
2.1.30. California pepper tree	<i>Schinus molle</i> L.
2.1.31. Gambier bush	<i>Uncaria gambir</i>
2.1.32. Camwood	<i>Baphia nitida</i> Afzel.
2.1.33. Canadian golden rod	<i>Solidago canadensis</i> L.

2.1.34. Cangara	<i>Combretum glutinosum</i> Perrottet
2.1.35. Carden sorrel ve türleri	<i>Rumex acetose L. ve sp</i>
2.1.36. Carolina puccoon	<i>Lithospermum caroliniense</i>
2.1.37. Anatolian buckthorn	<i>Rhamnus petiolaris</i> Boiss
2.1.38. Walnut-tree	<i>Juglans regia</i> L.
2.1.39. Walnut and spp	<i>Juglans spp.</i>
2.1.40. Chanque	<i>Concholepas concholepas</i>
2.1.41. Chay root	<i>Oldenlanddia umbellata</i> L.
2.1.42. Chica	<i>Arrabidaea chica</i>
2.1.43. Ch'illka	<i>Baccharis salicifolia</i>
2.1.44. Chinese or Japanese barberry and spp	<i>Berberis thunbergii</i> and <i>Spps</i>
2.1.45. Chinese grass	<i>Miscanthus tinctorius</i>
2.1.46. Chinese rhubarb	<i>Rheum officinale</i> and <i>spps</i>
2.1.47. Chinese sumac	<i>Rhus javanica</i> L.
2.1.48. Chinese wood	<i>Isatis indigotica</i>
2.1.49. Yarrow	<i>Achillea millefolium</i>
	<i>Achillea myriophylli</i>
	<i>Achillea setacea</i>
Barren myrtle	<i>Acrtostaphylos officinalis</i>
2.1.50. Baneberry	<i>Actea spicate</i>
2.1.51. African baobab,	<i>Adansonia digitate</i>
2.1.52. Red Lucky Seed	<i>Adenanthera pavonina</i>
2.1.53. Malabar-nut leaf	<i>Adhatoda vasica</i>
2.1.54. Adenostemma species	<i>Adenostemma lavenia</i>
	<i>Adenostemma tinctoria</i>
	<i>Adenostemma viscosum</i>
2.1.55. Bael	<i>Aegle marmelos</i>
2.1.56. Aeluropus	<i>Aerulopus littoralis</i>
2.1.57. Agatbosma betulina	<i>Agatbosma betulina</i>
2.1.58. Common agrimont	<i>Agrimonia eupatoria</i>
2.1.59. Airelle	<i>Airelle myrtille</i>
2.1.60. Alba	<i>Alba creta</i>
2.1.61. Albizia	<i>Albizia lebbek</i>
2.1.62. common hollyhock	<i>Alcea rosea</i>
2.1.63. Common lady's mantle	<i>Alchemilla vulgaris</i>
2.1.64. Aleurites	<i>Aleurites laccifera</i>
2.1.65. Alkanna	<i>Alkanna cappadocia</i>
2.1.66. Alkanna	<i>Alkanna spuria</i>
2.1.67. Garlic	<i>Allium porrum</i>
2.1.68. Alder	<i>Alnus acumniate</i>
	<i>Alnus cremastogyne</i>
	<i>Alnus filma</i>
	<i>Alnus incana</i>
	<i>Alnus japonica</i>
	<i>Alnus jorrulensis</i>
	<i>Alnus nigra</i>
2.1.69. Aloe	<i>Aloe barbadensis</i>
	<i>Aloe ferox</i>
	<i>Aleo perryi</i>
2.1.70. lesser galangal	<i>Alpinia officinarum</i>

2.1.71. quinine bush	<i>Alstonia constricta</i>
2.1.72. Alcea	<i>Althea rosea</i>
2.1.73. Love-lies-bleeding	<i>Amaranthus caudatus</i>
2.1.74. Amaranthus	<i>Amaranthus paniculatus</i>
2.1.75. Amarillo indigo	<i>Amarillo indigo</i>
2.1.76. Ambrosia peruviana	<i>Ambrosia peruviana</i>
2.1.77. Zedoary	<i>Amomum zedoaria</i>
2.1.78. Porcelain Berry	<i>Ampelopsis brevi-pedunculata</i>
2.1.79. Ampelopsis species	<i>Ampelopsis meliaefolia</i>
	<i>Ampelopsis quinquefolia</i>
2.1.80. Janggus	<i>Anacardium occidentale</i>
2.1.81. Ananas	<i>Ananas comosus</i>
2.1.82. Achusa	<i>Anchusa tinctoria</i>
2.1.83. Cabbage tree species	<i>Andira araroba</i>
	<i>Andira inermis</i>
2.1.84. Beard grass	<i>Andropogon sorghum</i>
2.1.85. Aniba species	<i>Aniba coto</i>
	<i>Aniba pseudocoto</i>
2.1.86. African birch	<i>Anogeissus leiocarpus</i>
2.1.87. Camomila species	<i>Anthemis arvensis</i>
	<i>Anthemis chia</i>
	<i>Anthemis cotula</i>
	<i>Anthemis nobilis</i>
	<i>Anthemis odorata</i>
	<i>Anthemis tinctoria</i>
2.1.88. Cow parsley	<i>Anthriscus sylestris</i>
2.1.89. Celery	<i>Apium graveolens</i>
2.1.90. Crajiru	<i>Arabidaea chica</i>
2.1.91. Rubra	<i>Arariba rubra</i>
2.1.92. Monkey puzzle tree species	<i>Araucaria araucana</i>
	<i>Araucaria rulei</i>
2.1.93. Arbutus	<i>Arbutus uva ursi</i>
2.1.94. Sandberry	<i>Arcostaphylos uva-ursi</i>
2.1.95. Pointleaf manzanita	<i>Arctostaphilos purgens</i>
2.1.96. Ardisia solanacea	<i>Ardisia solanacea</i>
2.1.97. Areca catechu	<i>Areca catechu</i>
2.1.98. Argemone mexicana	<i>Argemone mexicana</i>
	<i>Argemone mexikana</i>
2.1.99. Maqui species	<i>Aristotelia fruticosa</i>
	<i>Aristotelia maqui</i>
2.1.100. Arnebia	<i>Arnebia nobilis</i>
2.1.101. Arnica montana	<i>Arnica montana</i>
2.1.102. Arraclan	<i>Arraclan frangula</i>
2.1.103. Artemisia species	<i>Artemisia rubra</i>
	<i>Artemisia tridentata</i>
2.1.104. Jackfruit	<i>Artocarpus heterophylla</i>
	<i>Artocarpus integra</i>
	<i>Artocarpus integrifolius</i>
	<i>Artocarpus jaca</i>
	<i>Artocarpus pubescens</i>

2.1.105. Asclepias species	<i>Asclepias tingens and spp.</i>
2.1.106. Asclepias	<i>Asclepias tinctoria</i>
2.1.107. Aspergillus	<i>Aspergillus versicolor</i>
2.1.108. Asperula	<i>Asperula ciliata</i>
	<i>Asperula odorata</i>
	<i>Asperula tinctoria</i>
2.1.109. Asterocephalus	<i>Asterocephalus succisa</i>
2.1.110. Astronium	<i>Astronium fraxinifolium</i>
2.1.111. Atriplex	<i>Atriplex hortensis</i>
2.1.112. Avicennia	<i>Avicennia marina</i>
2.1.113. Chayroot	<i>Oldenlandia umbellata</i> L.
2.1.114. Cola nitida	<i>Cola nitida</i>
2.1.115. Colombian chilca	<i>Baccharis latifolia</i>
2.1.116. Coronillo	<i>Schinopsis quebracho-colorado</i>
2.1.117. Cutch species	<i>Acacia catechu</i> WILLD
	<i>Acacia crabica</i>
	<i>Acacia catechu</i>
	<i>Acacia decurrens</i>
	<i>Acacia farnesiana</i>
	<i>Acacia gregii</i>
	<i>Acacia harpophylla</i>
	<i>Acacia mearnsii</i>
	<i>Acacia mollissima</i>
	<i>Acacia subcoerulea</i>
	<i>Acacia suma</i>
<i>Acacia vera</i>	
2.1.118. Linnaeus' felt scale	<i>Acanthococcus uvaeursi</i>
2.1.119. Acer species	<i>Acer campestre</i>
	<i>Acer palmatum</i>
	<i>Acer rubrum</i>
	<i>Acer tataricum</i>
2.1.120. Baccaurea species	<i>Baccaurea griffithii</i>
	<i>Baccaurea sapida</i>
2.1.121. Baccharis species	<i>Baccharis genistellodes</i>
	<i>Baccharis lanceolata</i>
	<i>Baccharis polyantha</i>
2.1.122. Baloghia	<i>Baloghia lucida</i>
2.1.123. Baptisia	<i>Baptisia tinctoria</i>
2.1.124. Barosma	<i>Barosma betulina</i>
2.1.125. Bauhinia	<i>Bauhinia variegata</i>
2.1.126. Beggarticks	<i>Bedens pilosa</i>
2.1.127. Berberis species	<i>Berberis aquifolium</i>
	<i>Berberis aristata</i>
	<i>Berberis asiatica</i>
	<i>Berberis boliviaana</i>
	<i>Berberis commutate</i>
	<i>Berberis congestiflora</i>
	<i>Berberis crataegina</i>
	<i>Berberis crategina</i>
	<i>Berberis cretica</i>
<i>Berberis Darwini</i>	

	<i>Berberis femontiizum</i>
	<i>Berberis fremontii</i>
	<i>Berberis heterophylla</i>
	<i>Berberis japonica</i>
	<i>Berberis laurina</i>
	<i>Berberis lutea</i>
	<i>Berberis lycium</i>
	<i>Berberis oxyacantho</i>
2.1.128. Btula species	<i>Betula alba</i>
	<i>Betula alnus</i>
	<i>Betula nana</i>
	<i>Betula papyrifera</i>
	<i>Betula pendula</i>
	<i>Betula pubescens</i>
	<i>Betula verrucosa</i>
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	<i>Bidens cannabina</i>
	<i>Bidens tripartita</i>
	<i>Bidens venata</i>
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	<i>Camellia assamica</i>
	<i>Camellia thea</i>
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	<i>Cassia angustifolia</i>
	<i>Cassia auriculata</i>
	<i>Cassia fistula</i>
	<i>Cassia obtusifolia</i>
	<i>Cassia senna</i>
<i>Cassia siamea</i>	

	<i>Cassia tora</i>
2.1.161. Castalia species	<i>Castalia alba</i>
2.1.162. Chestnut species	<i>Castanea crenata</i>
	<i>Castanea sativa</i>
	<i>Castanea silvestris</i>
	<i>Castanea vesca</i>
	<i>Castanea vulgaris</i>
2.1.163. Casuarina species	<i>Casuarina equisetifolia</i>
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	<i>Cetaurea scabiosa</i>
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	<i>Chamaemelum sylvestre</i>
	<i>Chamomilla nobilis</i>
	<i>Chamomilla officinalis</i>
	<i>Chamomilla recutita</i>
	<i>Chamomilla vulgaris</i>
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	<i>Chlorophora tinctoria</i>
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2.1.188. Citrus species	<i>Citrus hystrix</i>
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	<i>Citrus paradisi</i>
	<i>Citrus sinensis</i>
2.1.189. Rocky Mountain beeplant	<i>Cleome serratula</i>
2.1.190. Barossa	<i>Clorophora tinctoria</i>
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2.1.192. Coccolus species	<i>Coccolus fibraurea</i>
	<i>Coccolus palmatus</i>
2.1.193. Cochlospermum species	<i>Cochlospermum tinctorium</i>
2.1.194. Boorom	<i>Coelosperman pani-culatum</i>
	<i>Coelosperman reticulatum</i>
2.1.195. Cola species	<i>Cola nitida</i>
	<i>Cola nuts</i>
	<i>Cola vera</i>
2.1.196. Colchicum species	<i>Colchicum autumnale</i>
2.1.197. Colpoon	<i>Colpoon compressum</i>
2.1.198. Columbia	<i>Columbia serratifolia</i>
2.1.199. Asiatic dayflower	<i>Commelina communis</i>
2.1.200. Asiatic dayflower	<i>Commelina communis var. hortensis</i>
2.1.201. Comocladia	<i>Comocladia integrifolia</i>
2.1.202. White mangrove	<i>Conocarpus racemosa</i>
2.1.203. Smoke tree	<i>Continus coggygia</i>
2.1.204. Scammony	<i>Convulvus scamonia</i>
2.1.205. Coprosma species	<i>Coprosma acerosa</i>
	<i>Coprosma areolata</i>
	<i>Coprosma australis</i>
	<i>Coprosma grandiflora</i>
	<i>Coprosma linariifolia</i>
	<i>Coprosma lucida</i>
	<i>Coprosma parviflora</i>
<i>Coprosma rhamnoides</i>	
2.1.206. Goldthread species	<i>Coptis chinensis</i>
	<i>Coptis japonica</i>
	<i>Coptis orientalis</i>
	<i>Coptis teeta</i>
	<i>Coptis trifolia</i>
2.1.207. Palm Lily	<i>Cordyline australis</i>
	<i>Cordyline rubra</i>
2.1.208. Coreopsis species	<i>Coreopsis gigantied</i>
	<i>Coreopsis tinctoria</i>
2.1.209. Coriaria species	<i>Coriaria myrtifolia</i>
	<i>Coriaria ruscifolia</i>
2.1.210. Cornelian cherry species	<i>Cornus florida</i>

	<i>Cornus mas</i>
	<i>Cornus sanguinea</i>
2.1.211. Cortex species	<i>Cortex Araribae rubrae</i>
	<i>Cortex coto verus</i>
	<i>Cortex Quebracho Colorado</i>
2.1.212. Cortinus coggygria	<i>Cortinus coggygria</i>
2.1.213. Corydalis species	<i>Corydalis cava</i>
	<i>Corydalis sempervirens</i>
2.1.214. Corylus species	<i>Corylus avellana</i>
	<i>Corylus silvestris</i>
2.1.215. Coscinium species	<i>Coscinium fenestratum</i>
2.1.216. Cosmos species	<i>Cosmos sulphureus</i>
2.1.217. Cotinus species	<i>Cotinus coggygria</i>
2.1.218. Couepia	<i>Couepia chrysocalix</i>
2.1.219. Coulteria	<i>Coulteria tinctoria</i>
2.1.220. Crataegus species	<i>Crataegus monogyna</i>
	<i>Crataegus oxyacantha</i>
2.1.221. Saffron species	<i>Crocus cartwrightianus</i>
	<i>Crocus sativus</i>
	<i>Crocus tourneforti</i>
2.1.222. Croton species	<i>Croton aromaticus</i>
	<i>Croton bibiscifolius</i>
	<i>Croton draco</i>
	<i>Croton gossypifolium</i>
	<i>Croton insularis</i>
	<i>Croton lacciferus</i>
	<i>Croton occidentalis</i>
	<i>Croton palanostigma</i>
	<i>Croton paulinianus</i>
	<i>Croton philippinensis</i>
	<i>Croton salutaris</i>
	<i>Croton tinctorium</i>
2.1.223. Crucianella species	<i>Crucianella maritima</i>
2.1.224. Cudrania species	<i>Cudrania javanensis</i>
2.1.225. Curcuma species	<i>Curcuma aromatica</i>
	<i>Curcuma domestica</i>
	<i>Curcuma longa</i>
	<i>Curcuma xanthorrhiza</i>
	<i>Curcuma zedoaria</i>
	<i>Curcuma zerumbet</i>
2.1.226. Cuscuta species	<i>Cuscuta americana</i>
	<i>Cuscuta europaea</i>
2.1.227. Cyanus	<i>Cyanus jacea</i>
2.1.228. Cybistax species	<i>Cybistax antisiphilitica</i>
2.1.229. Cynometra species	<i>Cynometra ramiflora</i>
2.1.230. Cytisus species	<i>Cytisus scoparius</i>
2.1.231. Daemonorops	<i>Daemonorops draco</i>
	<i>Daemonorops accendens</i>
	<i>Daemonorops didymophyllus</i>

2.1.232. Daemonorops species	<i>Daemonorops draco</i>
	<i>Daemonorops mattanensis</i>
	<i>Daemonorops micracanthus</i>
	<i>Daemonorops motleyi</i>
	<i>Daemonorops niger</i>
	<i>Daemonorops propinquus</i>
	<i>Daemonorops rotang</i>
	<i>Daemonorops scipionum</i>
2.1.233. Dahlia species	<i>Dahlia coccinea</i>
	<i>Dahlia pinnata</i>
	<i>Dahlia rosea</i>
	<i>Dahlia variabilis</i>
2.1.234. Damnacanthus	<i>Damnacanthus indicus</i> <i>var. microphyllus</i>
2.1.235. Damnacanthus species	<i>Damnacanthus major</i>
	<i>Damnacanthus major</i> <i>var. parvifolius</i>
2.1.236. Daphne species	<i>Daphne gnidium</i>
	<i>Daphne mezerum</i>
2.1.237. Datisca species	<i>Datisca cannabina</i>
2.1.238. Wild carrot	<i>Daucus carota</i>
2.1.239. Delphinium species	<i>Delphinium consolida</i>
	<i>Delphinium semibarbatum</i>
	<i>Delphinium sulphureum</i>
	<i>Delphinium zalil</i>
2.1.240. Clove pink	<i>Dianthus cariophyllus</i>
2.1.241. Dicliptera species	<i>Dicliptera hookeriana</i>
	<i>Dicliptera peruvianna</i>
2.1.242. Digitalis I species	<i>Digitalis lanata</i>
	<i>Digitalis lutea</i>
	<i>Digitalis purpurea</i>
	<i>Digitalis viridiflora</i>
2.1.243. Diopyros species	<i>Diopyros lotus</i>
2.1.244. Diospyros species	<i>Diospyros buxifolia</i>
	<i>Diospyros ehretioides</i>
	<i>Diospyros elliptifolia</i>
	<i>Diospyros embryoptersis</i>
	<i>Diospyros kaki</i>
	<i>Diospyros lotus</i>
	<i>Diospyros mollis</i>
	<i>Diospyros siamang</i>
2.1.245. Alpine clubmoss	<i>Diphasiastrum alpinum</i>
2.1.246. Diphyssa	<i>Diphyssa robinioides</i>
2.1.247. True goldenrod	<i>Doria virgaurea</i>
2.1.248. Arnica species	<i>Doronicum arnica</i>
	<i>Doronicum montanum</i>
2.1.249. Deana species	<i>Draceana australis</i>
	<i>Draceana boerhavii</i>
	<i>Draceana cinnabari</i>

	<i>Draceana draco</i>
	<i>Draceana fragans</i>
	<i>Draceana ombet</i>
	<i>Draceana rubra</i>
	<i>Draceana schizantha</i>
	<i>Draceana steudtneri</i>
2.1.250. Shield sundew species	<i>Drosera peltata</i>
	<i>Drosera rotundifolia</i>
	<i>Drosera whittakeri</i>
2.1.251. Winter's bark	<i>Drymis winteris</i>
2.1.252. Red-pea gall	<i>Dryophanta divisa</i>
2.1.253. Ebony species	<i>Dyospyros spp.</i>
2.1.254. Viper's bugloss	<i>Echium vulgare</i>
2.1.255. Elaeocarpus species	<i>Elaeocarpus dendatus</i>
	<i>Elaeocarpus hookerianus</i>
2.1.256. East Indian glory bower	<i>Eleaodendrum glaucum</i>
2.1.257. Hinau	<i>Eleocarpus dendatus</i>
2.1.258. Wood horsetail species	<i>Equisetum arvense</i>
	<i>Equisetum sylvaticum</i>
	<i>Equisetum vulgare</i>
2.1.259. Erica species	<i>Erica minöre</i>
	<i>Erica vulgaris</i>
2.1.260. <i>Erigeron</i>	<i>Erigeron viscosa</i>
2.1.261. Eriodictyon species	<i>Eriodictyon californicum</i>
	<i>Eriodictyon glutinosum</i>
2.1.262. Erythrina species	<i>Erythrina americana</i>
	<i>Erythrina coratodendron</i>
	<i>Erythrina crista galli</i>
	<i>Erythrina indica</i>
	<i>Erythrina suberosa</i>
	<i>Erythrina variegata</i>
2.1.263. Erythrophleum species	<i>Erythrophleum africanum</i>
2.1.264. Erythroxyllum species	<i>Erythroxyllum macrantha</i>
	<i>Erythroxyllum suberosum</i>
	<i>Erythroxyllum australe</i>
2.1.265. Escallonia	<i>Escallonia resinosa</i>
2.1.266. Escobedia species	<i>Escobedia curialis</i>
	<i>Escobedia laevis</i>
	<i>Escobedia linearis</i>
	<i>Escobedia scrabifolia</i>
2.1.267. Eucalyptus species	<i>Eucalyptus calophylla</i>
	<i>Eucalyptus citriodora</i>
	<i>Eucalyptus corymbosa</i>
	<i>Eucalyptus gummifera</i>
	<i>Eucalyptus hemiphloia</i>
	<i>Eucalyptus maculata</i>
2.1.268. Heart-leaved silver gum	<i>Eucalyptus cordata</i>
2.1.269. Blue gum	<i>Eucalyptus globulus</i>
2.1.270. Red stringybark	<i>Eucalyptus macrorhyncha</i>

2.1.271. Flat-topped yate	<i>Eucalyptus occidentalis</i>
2.1.272. Eucryphia	<i>Eucryphia cordifolia</i>
2.1.273. Eugenia species	<i>Eugenia aromatica</i>
	<i>Eugenia jambolana</i>
	<i>Eugenia multiflora</i>
2.1.274. Eukalyptus	<i>Eukalyptus-Arten</i>
2.1.275. Common spindle	<i>Euonymus europaeus</i>
2.1.276. Hemp-agrimony	<i>Eupatorium cannabinum</i>
2.1.277. Vesikanep	<i>Eupatorium indigoferum</i>
	<i>Eupatorium laeve</i>
	<i>Eupatorium lamiifolium</i>
	<i>Eupatorium tinctorum</i>
2.1.278. Euphorbia species	<i>Euphorbia biglandulosa</i>
	<i>Euphorbia cyparissias</i>
	<i>Euphorbia helioscopia</i>
	<i>Euphorbia pulcherrima</i>
	<i>Euphorbia rigida</i>
2.1.279. Oakmoss species	<i>Evernia prunasti</i>
	<i>Evernia vulpina</i>
2.1.280. Fabiana species	<i>Fabiana imbricata</i>
2.1.281. Buckwheat	<i>Fagopyrum cereale</i>
	<i>Fagopyrum esculentum</i>
	<i>Fagopyrum sagittatum</i>
	<i>Fagopyrum sarracenum</i>
	<i>Fagopyrum vulgare</i>
2.1.282. Fibraurea species	<i>Fibraurea chloroleuca</i>
	<i>Fibraurea tinctoria</i>
2.1.283. Ficus species	<i>Ficus altissima</i>
	<i>Ficus bengalis</i>
	<i>Ficus benghalensis</i>
	<i>Ficus benjamina</i>
	<i>Ficus indica</i>
	<i>Ficus mysorensis</i>
	<i>Ficus religiosa</i>
2.1.284. Meadowsweet	<i>Filipendula ulmaria</i>
2.1.285. Flaveria	<i>Flaveria contrayerba</i>
2.1.286. Flemingia species	<i>Flemingia congesta</i>
	<i>Flemingia macrophylla</i>
	<i>Flemingia rhodocarpa</i>
2.1.287. Yellowwood	<i>Flindersia xanthoxyla</i>
2.1.288. Foenum-graecum	<i>Foenum-graecum sativum</i>
2.1.289. Folia species	<i>Folia bucca longa</i>
	<i>Folia Sennae</i>
2.1.290. Folium	<i>Folium purpureum</i>
	<i>Folium rubeum</i>
	<i>Folium saphireum</i>
2.1.291. Fragaria	<i>Fragaria vesca</i>
2.1.292. Frangula species	<i>Frangula alnus</i>
	<i>Frangula frangula</i>

	<i>Frangula pentaphylla</i>
	<i>Frangula purshiana</i>
	<i>Frangula vulgaris</i>
2.1.293. European ash	<i>Fraxinus excelsior</i>
2.1.294. Manna ash	<i>Fraxinus ornus</i>
2.1.295. Fuchsia species	<i>Fuchsia excorticata</i>
	<i>Fuchsia integrifolia</i>
	<i>Fuchsia macrostema</i>
	<i>Fuchsia montana</i>
	<i>Fuchsia parviflora</i>
2.1.296. Fumaria species	<i>Fumaria media</i>
	<i>Fumaria officinalis</i>
	<i>Fumaria sturmii</i>
	<i>Fumaria vulgaris</i>
2.1.297. Gale species	<i>Gale belgica</i>
	<i>Gale gale</i>
	<i>Gale palustris</i>
2.1.298. Galega species	<i>Galega officinalis</i>
	<i>Galega tinctoria</i>
2.1.299. Bedstraw species	<i>Galium album</i>
	<i>Galium aparine</i>
	<i>Galium atherodes</i>
	<i>Galium boreale</i>
	<i>Galium dasypodium</i>
	<i>Galium matrisilva</i>
	<i>Galium mollugo</i>
	<i>Galium odoratum</i>
	<i>Galium pratense</i>
	<i>Galium pumilum</i>
	<i>Galium saxatile</i>
	<i>Galium verum</i>
2.1.300. Gallae	<i>Gallae Pistaciae</i>
2.1.301. Gallae von Quercus	<i>Gallae von Quercus infectoria</i>
2.1.302. Garance	<i>Garance sauvage</i>
2.1.303. Garcinia species	<i>Garcinia dulcis</i>
	<i>Garcinia mangostana</i>
	<i>Garcinia morella</i>
	<i>Garcinia spicata</i>
2.1.304. Gardenia species	<i>Gardenia gummifera</i>
	<i>Gardenia jasminoides</i>
	<i>Gardenia lucida</i>
	<i>Gardenia resinifera</i>
	<i>Gascardia madagascariensis</i>
2.1.305. Genipa species	<i>Genipa americana</i>
2.1.306. Genista species	<i>Genista lydia</i>
	<i>Genista ovata</i>
	<i>Genista scoparia</i>
	<i>Genista scorpius</i>
	<i>Genista tinctoria</i>

2.1.307. Gentiana species	<i>Gentiana lutea</i>
	<i>Gentiana verna</i>
2.1.308. Genziana	<i>Genziana maggiore</i>
2.1.309. Geranium species	<i>Geranium pratense</i>
2.1.310.	<i>Giallo indiano</i>
2.1.311. Gingko species	<i>Gingko biloba</i>
2.1.312. Tree cotton species	<i>Gossypium arboreum</i>
	<i>Gossypium barbadense</i>
	<i>Gossypium herbaceum</i>
2.1.313. Guaiacum species	<i>Guaiacum coulteri</i>
2.1.314. Guarea species	<i>Guarea glabra</i>
2.1.315. Guettardella	<i>Guettardella putaminosa</i>
2.1.316. Haematoxylon species	<i>Haematoxylon braziletto</i>
	<i>Haematoxylon campechianum</i>
	<i>Haematoxylon braziletto</i>
	<i>Haematoxylon campechianum</i>
2.1.317. Hamamelis species	<i>Hamamelis virginiana</i>
2.1.318. Hapalopilus species	<i>Hapalopilus nidulans</i>
2.1.319. Haronga species	<i>Haronga madagascariensis</i>
	<i>Haronga paniculata</i>
2.1.320. Harrisonia	<i>Harrisonia perforata</i>
2.1.321. Harungana	<i>Harungana madagas-cariensis</i>
2.1.322. Hedyotis species	<i>Hedyotis auricularia</i>
	<i>Hedyotis indica</i>
2.1.323. Common sunflower	<i>Heliantbus annuus</i>
2.1.324. Heliotropium species	<i>Heliotropium caeruleum</i>
	<i>Heliotropium Lividum (ostrum), helleres</i>
	<i>Herba lutea</i>
	<i>Herba Scutellariae</i>
2.1.325. Hibiscus	<i>Hibiscus sabdariffa</i>
2.1.326. Mouse-ear hawkweed	<i>Hieracum pilosella</i>
2.1.327. Huperzia species	<i>Huperzia selago</i>
2.1.328. Hydrastis species	<i>Hydrastis canadensis</i>
2.1.329. Hymenodictyon species	<i>Hymenodictyon excelsum</i>
	<i>Hymenodictyon dendatum</i>
2.1.330. St. John's wort species	<i>Hypericum barbarum</i>
	<i>Hypericum empetrifolium</i>
	<i>Hypericum inodorum</i>
	<i>Hypericum laricifolium</i>
	<i>Hypericum lobocartum</i>
	<i>Hypericum montanum</i>
	<i>Hypericum officinarum</i>
	<i>Hypericum perforatum</i>
	<i>Hypericum quadrangulare</i>
	<i>Hypericum vulgare</i>
2.1.331. Hypogymnia	<i>Hypogymnia physodes</i>
2.1.332. Hyssop	<i>Hyssopus officinalis</i>

2.1.333. Ilex species	<i>Ilex coccifera</i>
	<i>Ilex pedunculosa</i>
2.1.334. Impatiens species	<i>Impatiens balsamina</i>
	<i>Impatiens sivestris</i>
2.1.335. Indigofera species	<i>Indigofera anil</i>
	<i>Indigofera argentea</i>
	<i>Indigofera arrecta</i>
	<i>Indigofera articulata</i>
	<i>Indigofera Guatemalensis</i>
	<i>Indigofera Indica</i>
	<i>Indigofera Suffruticosa</i>
	<i>Indigofera Suffruticosa ssp. guate-malensis</i>
	<i>Indigofera Suffruticosa ssp. suffruticosa</i>
	<i>Indigofera sumatrana</i>
	<i>Indigofera tinctoria</i>
	<i>Indigofera tinctoria</i>
	<i>Indigofera Tinctoria var. Brachycarpa</i>
2.1.336. Inula species	<i>Inula viscosa</i>
2.1.337. Iris species	<i>Iris cretensis</i>
	<i>Iris deflexa</i>
	<i>Iris florentina</i>
	<i>Iris germanica</i>
	<i>Iris nepalensis</i>
	<i>Iris pseudacorus</i>
	<i>Iris tectorum</i>
	<i>Iris violaceae</i>
<i>Iris vulgaris</i>	
2.1.338. Isatis species	<i>Isatis aleppica</i>
	<i>Isatis alpina</i>
	<i>Isatis glauca</i>
	<i>Isatis indigotica</i>
	<i>Isatis lusitanica</i>
	<i>Isatis tinctoria</i>
2.1.339. Jacea	<i>Jacea pratensis</i>
2.1.340. Jacobaea	<i>Jacobaea vulgaris</i>
2.1.341. Jateorhiza	<i>Jateorhiza palmata</i>
2.1.342. Jatropha	<i>Jatropha curcas</i>
2.1.343. Walnut species	<i>Juglans ailantifolia</i>
	<i>Juglans ailantifolia var. ailantifolia</i>
	<i>Juglans cathartica</i>
	<i>Juglans cinerea</i>
	<i>Juglans mandshurica</i>
	<i>Juglans neotropica</i>
	<i>Juglans nigra</i>
<i>Juglans oblonga</i>	

	<i>Juglans regia</i>
	<i>Juglans sieboldiana</i>
2.1.344. Juniperus	<i>Juniperus communis</i>
2.1.345. Justicia	<i>Justicia adhatoda</i>
2.1.346. Kageneckia	<i>Kageneckia lanceolata</i>
2.1.347. Sheep-laurel	<i>Kalmia angustifolia</i>
2.1.348. Sumach species	<i>Kernholz von Adenantha pavonina</i>
	<i>Kernholz von Artocarpus heterophyllus</i>
	<i>Kernholz von Cotinus coggygia</i>
	<i>Kernholz von Rhus succedanea</i>
	<i>Kernholz von Robinia pseudacacia</i>
2.1.349. Krameria	<i>Krameria triandra</i>
2.1.350. Lachnanthes	<i>Lachnanthes tinctoria</i>
2.1.351. Lactarius species	<i>Lactarius sanguifluus</i>
2.1.352. Lafoensia species	<i>Lafoensia acuminata</i>
	<i>Lafoensia puniceifolia</i>
2.1.353. Lagerstroemia species	<i>Lagerstroemia parviflora</i>
2.1.354. Laguncularia species	<i>Laguncularia racemosa</i>
2.1.355. Lac species	<i>Lakshadia chinensis</i>
	<i>Lakshadia communis</i>
	<i>Lakshadia indica</i>
	<i>Lakshadia nagoliensis</i>
	<i>Lakshadia sindica</i>
2.1.356. Lapathum species	<i>Lapathum acetosa</i>
	<i>Lapathum crispum</i>
	<i>Lapathum obtusatum</i>
	<i>Lapathum obtusifolium</i>
	<i>Lapathum pratense</i>
2.1.357. Lappa	<i>Lappa minor</i>
2.1.358. Lardizabala species	<i>Lardizabala biternata</i>
2.1.359. Larix species	<i>Larix decidua</i>
2.1.360. Chaparral	<i>Larrea mexicana</i>
2.1.361. Lasiantbus	<i>Lasiantbus chinensis</i>
2.1.362. Laurelia	<i>Laurelia aromatica</i>
2.1.363. Laurus species	<i>Laurus nobilis</i>
2.1.364. Hina species	<i>Lawsonia alba</i>
	<i>Lawsonia inermis</i>
	<i>Lawsonia spinosa</i>
2.1.365. Leucanthemum species	<i>Leucanthemum chamaemelum</i>
	<i>Leucanthemum odoratum</i>
2.1.366. Ligusticum species	<i>Ligusticum acutilobum</i>
	<i>Ligustrum vulgare</i>
2.1.367. Linaria species	<i>Linaria vulgaris</i>
2.1.368. Linociera species	<i>Linociera ramiflora</i>
2.1.369. Lithospermum species	<i>Lithospermum arvense</i>

	<i>Lithospermum erythrorhizon</i>
	<i>Lithospermum euchromum</i>
	<i>Lithospermum officinale</i>
	<i>Lithospermum officinale</i> var. <i>erythrorhizon</i>
	<i>Lithospermum pulmonaria</i> var. <i>hypomela</i>
	<i>Lithospermum retigera</i>
2.1.370. Lobium	<i>Lobium japonicum</i>
2.1.371. Lomatia species	<i>Lomatia ilicifolia</i>
	<i>Lomatia longifolia</i>
	<i>Lomatia obliqua</i>
	<i>Lomatia silaifolia</i>
2.1.372. Lonchocarpus species	<i>Lonchocarpus cyanescens</i>
2.1.373. Loranthus species	<i>Loranthus heterophyllus</i>
	<i>Loranthus sternbergianus</i>
2.1.374. Lycopodium	<i>Lycopodium alpinum</i>
2.1.375. Gypsywort species	<i>Lycopus albus</i>
	<i>Lycopus aquaticus</i>
	<i>Lycopus europaeus</i>
	<i>Lycopus palustris</i>
	<i>Lycopus vulgaris</i>
2.1.376. Lysimachia species	<i>Lysimachia vulgaris</i>
2.1.377. Lythrum	<i>Lythrum fruticosum</i>
2.1.378. Maclura species	<i>Maclura aurantiaca</i>
	<i>Maclura pomifera</i>
	<i>Maclura tinctoria</i>
2.1.379. Kawakawa	<i>Macropiper excelsium</i>
2.1.380. Southern magnolia	<i>Magnolia grandiflora</i>
2.1.381. Mahonia species	<i>Mahonia a feuilles de houx</i>
	<i>Mahonia aquifolium</i>
	<i>Mahonia japonica</i>
	<i>Mahonia nepalensis</i>
	<i>Mahonia nepaulensis</i>
2.1.382. Mayten	<i>Maitenus boaria</i>
2.1.383. Kamala species	<i>Mallotus discolor</i>
	<i>Mallotus japonicus</i>
	<i>Mallotus philippinensis</i>
2.1.384. Malus species	<i>Malus domestica</i>
	<i>Malus Sieboldii</i>
	<i>Malus sylvestris</i>
2.1.385. Malva	<i>Malva sylvestris</i>
2.1.386. Marsdenia	<i>Marsdenia tinctoria</i>
2.1.387. Materia	<i>Materia medica</i>
2.1.388. Matricaria species	<i>Matricaria chamomilla</i>
	<i>Matricaria suaveolens</i>
2.1.389. Melastoma species	<i>Melastoma malabathricum</i>
2.1.390. Memecylon species	<i>Memecylon capitellatum</i>
	<i>Memecylon edule</i>

	<i>Memecylon tinctorium</i>
2.1.391.Menispermum	<i>Menispermum fenestratum</i>
2.1.392.Mentha	<i>Mentha longifolia</i>
2.1.393.Menyanthes	<i>Menyanthes trifoliata</i>
2.1.394.Mercurialis	<i>Mercurialis leiocarpa</i>
2.1.395.Mesua species	<i>Mesua ferrea</i>
	<i>Mesua speciosa</i>
2.1.396.Michelia species	<i>Michelia champaca</i>
	<i>Michelia rufinservis</i>
2.1.397.Miconia	<i>Miconia chrysophylla</i>
2.1.398. Babul species	<i>Mimosa arabica</i>
	<i>Mimosa catechu</i>
	<i>Mimosa catechuoides</i>
	<i>Mimosa sundra</i>
2.1.399.Mirabilis	<i>Mirabilis Jalapa</i>
2.1.400.Miscanthus species	<i>Miscanthus chinensis</i>
	<i>Miscanthus sinensis</i>
	<i>Miscanthus tinctorius</i>
2.1.401. Moghania	<i>Moghania macrophylla</i>
2.1.402.Monnina species	<i>Monnina salicifolia</i>
2.1.403.Morinda species	<i>Morinda angustifolia</i>
	<i>Morinda bracteata</i>
	<i>Morinda citrifolia</i>
	<i>Morinda corea</i>
	<i>Morinda geminata</i>
	<i>Morinda jasminoides</i>
	<i>Morinda longiflora</i>
	<i>Morinda lucida</i>
	<i>Morinda macrophylla</i>
	<i>Morinda persicaefolia</i>
	<i>Morinda tinctoria</i>
	<i>Morinda umbellata</i>
2.1.404.Moringa species	<i>Moringa oleifera</i>
	<i>Moringa pterygosperma</i>
2.1.405.Moronobea species	<i>Moronobea coccinea</i>
	<i>Moronobea globulifera</i>
2.1.406.Morus species	<i>Morus alba</i>
	<i>Morus alba-Benzophenon</i>
	<i>Morus tinctoria</i>
2.1.407.Muehlenbeckia	<i>Muehlenbeckia tamnifolia</i>
2.1.408. Myrcougения	<i>Myrcougения apiculata</i>
2.1.409.Myrica species	<i>Myrica esculenta</i>
	<i>Myrica farquhariana</i>
	<i>Myrica gale</i>
	<i>Myrica nagi auct. div. non.</i>
	<i>Myrica palustris</i>
	<i>Myrica peusylvanica</i>
	<i>Myrica rubra</i>
2.1.410. Myricaceae species	<i>Myricaceae chebula</i>

	<i>Myricaceae chebula citrina</i>
2.1.411. Cicely	<i>Myrrhis odorata</i>
2.1.412. Myrsine species	<i>Myrsine semiserrata</i>
2.1.413. Myrtus species	<i>Myrtus communis</i>
2.1.414. Nandina	<i>Nandina domestica</i>
2.1.415. Nectandra species	<i>Nectandra coto</i>
	<i>Nectandra rhodiaei</i>
2.1.416. Rambutan	<i>Nephelium lappaceum</i>
2.1.417. Rhamnus alaternus	<i>Nerprun alaterne</i>
	<i>Nerprun purgatif</i>
2.1.418. Nopalea cochenillifera	<i>Nopalea cochenillifera</i>
2.1.419. Silver beech species	<i>Nothofagus dombeyi</i>
	<i>Nothofagus fusca</i>
	<i>Nothofagus menziesii</i>
	<i>Nothofagus obliqua</i>
	<i>Nothofagus pumilia</i>
2.1.420. Nuphar lutea	<i>Nuphar lutea</i>
2.1.421. Parijat	<i>Nyctanthes arbor-tristis</i>
2.1.422. European white water lily	<i>Nymphaea alba</i>
	<i>Nymphaea offininalis</i>
2.1.423. Ochrisia	<i>Ochrisia maculata</i>
2.1.424. Ochrolechia species	<i>Ochrolechia parella</i>
	<i>Ochrolechia tartarea</i>
2.1.425. Ochrosia	<i>Ochrosia elliptica</i>
2.1.426. Ocotea	<i>Ocotea pseudocoto</i>
	<i>Ocotea rodiaei</i>
2.1.427. Oldenlandia species	<i>Oldenlandia hispida</i>
	<i>Oldenlandia umbellata</i>
2.1.428. Ononis species	<i>Ononis anil</i>
	<i>Ononis spinosa</i>
2.1.429. Onosma	<i>Onosma arenarium</i>
2.1.430. Onosma	<i>Onosma echioides</i>
2.1.431. Opuntia species	<i>Opuntia exaltata</i>
	<i>Opuntia ficus-indica</i>
	<i>Opuntia monacantha</i>
	<i>Opuntia soehrensii</i>
	<i>Opuntia vulgaris</i>
2.1.432. Orcanetta	<i>Orcanetta amarilla</i>
2.1.433. Origanum	<i>Origanum vulgare</i>
2.1.434. Indian trumpet tree	<i>Oraxylum indicum</i>
2.1.435. Osyris	<i>Osyris compressa</i>
2.1.436. Ourouparia	<i>Ourouparia gambir</i>
2.1.437. Hackberry species	<i>Padus racemosa</i>
	<i>Padus vium</i>
	<i>Padus vulgaris</i>
2.1.438. Papaver	<i>Papaver rhoeas</i>
2.1.439. Paratecoma	<i>Paratecoma peroba</i>
2.1.440. Parmelia species	<i>Parmelia acetabulum</i>

	<i>Parmelia caperata</i>
	<i>Parmelia centrifuga</i>
	<i>Parmelia ceratophylla</i>
	<i>Parmelia cirrhata</i>
	<i>Parmelia conspersa</i>
	<i>Parmelia florida</i>
	<i>Parmelia furfuracea</i>
	<i>Parmelia manshurica</i>
	<i>Parmelia olivacea</i>
	<i>Parmelia omphalodes</i>
	<i>Parmelia physodes</i>
	<i>Parmelia saxatilis</i>
	<i>Parmelia slygia</i>
	<i>Parmelia tinctorium</i>
2.1.441. Virginia creeper	<i>Parthenocissus quinquefolia</i>
2.1.442. Passiflora species	<i>Passiflora incarnata</i>
2.1.443. Paullinia	<i>Paullinia asiatica</i>
2.1.444. Paxillus species	<i>Paxillus atrotomentosus</i>
	<i>Paxillus involutus</i>
2.1.445. Peganum s	<i>Peganum harmala</i>
2.1.446. Pelargonium	<i>Pelargonium zonale</i>
2.1.447. Peltophorum species	<i>Peltophorum dasyrachis</i>
	<i>Peltophorum ferrugineum</i>
	<i>Peltophorum pterocarpum</i>
	<i>Peltophorum pterocarpun</i>
	<i>Peltophorum vogelianum</i>
2.1.448. Pergularia	<i>Pergularia tinctoria</i>
2.1.449. Persea species	<i>Persea lingue</i>
	<i>Persea lingue</i>
	<i>Persea meyeriana</i>
2.1.450. Petalostigma	<i>Petalostigma quadriloculare</i>
2.1.451. Petroselinum	<i>Petroselinum crispum</i>
2.1.452. Petunia	<i>Petunia hybrida</i>
2.1.453. Peumus	<i>Peumus boldus</i>
2.1.454. Peumus	<i>Peumus fragrans</i>
2.1.455. Amur cork tree	<i>Phellodendron amurense</i>
2.1.456. Phormium	<i>Phormium tenax</i>
2.1.457. Phyllanthus	<i>Phyllanthus emblica</i>
2.1.458. Celery pine	<i>Phylloclades trichomanoides</i>
2.1.459. Phytolacca	<i>Phytolacca americana</i>
2.1.460. Lodgepole pine	<i>Pinus contorta</i>
2.1.461. Betel species	<i>Piper betle</i>
	<i>Piper crocatum</i>
	<i>Piptadenia cebil</i>
	<i>Piper macrocarpa</i>
	<i>Piper peregrina</i>
	<i>Piper rigida</i>
2.1.462. Pipturus	<i>Pipturus argenteus</i>
2.1.463. Pistacia species	<i>Pistacia atlantica</i>

	<i>Pistacia interregima</i>
	<i>Pistacia khinjuk</i>
	<i>Pistacia lentiscus</i>
	<i>Pistacia palaestina</i>
	<i>Pistacia terebinthus</i>
2.1.464.Pithecellobium species	<i>Pithecellobium dulce</i>
	<i>Pithecellobium pachypus</i>
2.1.465.Plastimatia	<i>Plastimatia glauca</i>
2.1.466.Platonia	<i>Platonia insignis</i>
2.1.467. Podocarpus	<i>Podocarpus hallii</i>
2.1.468.Polygonum species	<i>Polygonum cuspidatum</i>
	<i>Polygonum fagopyrum</i>
	<i>Polygonum hydropiper</i>
	<i>Polygonum multiflorum</i>
	<i>Polygonum tinctorium</i>
2.1.469.Black poplar	<i>Populus nigra</i>
2.1.470.Potentilla species	<i>Potentilla erecta</i>
	<i>Potentilla recta</i>
	<i>Potentilla silvestris</i>
	<i>Potentilla tetrapetala</i>
	<i>Potentilla tormentilla</i>
2.1.471.Primula species	<i>Primula vulgaris</i>
2.1.472.Prosopis species	<i>Prosopis juliflora</i>
	<i>Prosopis-Kino</i>
2.1.473.Prunus species	<i>Prunus avium</i>
2.1.474.Prunus species	<i>Prunus capuli</i>
	<i>Prunus cerasus</i>
	<i>Prunus domestica</i>
	<i>Prunus mahaleb</i>
	<i>Prunus mume</i>
	<i>Prunus padus</i>
	<i>Prunus persica</i>
	<i>Prunus racemosa</i>
	<i>Prunus serotina</i>
	<i>Prunus serratula</i> LINDL. var. <i>Albida</i>
	<i>Prunus spinosa</i>
	<i>Prunus yedoensis</i>
2.1.475. Five finger	<i>Psedopanax arboreum</i>
2.1.476. Tree moss species	<i>Pseudevernia furfuracea</i>
	<i>Pseudevernia guajava</i>
2.1.477. Psychotria	<i>Psychotria tinctoria</i>
2.1.478.Pteridium species	<i>Pteridium aquilinum</i>
	<i>Pteridium aquilinum ssp.</i> <i>typicon</i>
2.1.479.Pteris species	<i>Pteris aquilina</i>
	<i>Pteris lanuginosa</i>
2.1.480.Pterocarpus species	<i>Pterocarpus angolensis</i>
	<i>Pterocarpus bussei</i>

	<i>Pterocarpus dalbergioides</i>
	<i>Pterocarpus dekinatianus</i>
	<i>Pterocarpus draco</i>
	<i>Pterocarpus erinaceus</i>
	<i>Pterocarpus indicus</i>
	<i>Pterocarpus marsupium</i>
	<i>Pterocarpus santalinus</i>
	<i>Pterocarpus soyauxii</i>
	<i>Pterocarpus wallichii</i>
	<i>Pterocarpus zollingeri</i>
	<i>Pterocarya stenoptera</i>
	<i>Pterospermum acerifolium</i>
	<i>Pterospermum mireum</i>
2.1.481. Pulmonaria	<i>Pulmonaria arborea</i>
2.1.482. Punica	<i>Punica granatum</i>
2.1.483. Pyrethrum	<i>Pyrethrum tanacetum</i>
	<i>Pyrethrum vulgare</i>
2.1.484. Pyrus species	<i>Pyrus communis</i>
	<i>Pyrus toringo</i>
2.1.485. Quebracho species	<i>Quebrachio lontzii</i>
	<i>Quebrachiocolorado</i>
	<i>Quebrachiofemea</i>
2.1.486. Oak species	<i>Quercus acutissima</i>
	<i>Quercus aegilops</i>
	<i>Quercus alba</i>
	<i>Quercus cerris</i>
	<i>Quercus coccifera</i>
	<i>Quercus conferta</i>
	<i>Quercus dentata</i>
	<i>Quercus discolor</i>
	<i>Quercus frainetto</i>
	<i>Quercus fructipendula</i>
	<i>Quercus germanica</i>
	<i>Quercus ilex</i>
	<i>Quercus intercedens</i>
	<i>Quercus lusitanica</i>
	<i>Quercus macrolepsis</i>
	<i>Quercus malacophylla</i>
	<i>Quercus palustris</i>
	<i>Quercus pedunculata</i>
	<i>Quercus petraea</i>
	<i>Quercus prinus</i>
	<i>Quercus pupescens</i>
	<i>Quercus racemosa</i>
	<i>Quercus robur</i>
	<i>Quercus serrata</i>
	<i>Quercus sessiflora</i>
	<i>Quercus sessiliflora</i>
	<i>Quercus sessilis</i>

	<i>Quercus suber</i>
	<i>Quercus tauricola</i>
	<i>Quercus tinctoria</i>
	<i>Quercus velutina</i>
	<i>Quercus xalapensis</i>
	<i>Querus velutina</i>
2.1.487. Radix	<i>Radix lapathi (acuti)</i>
	<i>Radix Rubiae</i>
	<i>Radix Scutellariae</i>
2.1.488.Randia species	<i>Randia aculeata</i>
	<i>Randia scandens</i>
2.1.489.Ranunculus	<i>Ranunculus acris</i>
2.1.490.Rauwenhoffia	<i>Rauwenhoffia siamensis</i>
2.1.491. Devil-pepper	<i>Rauwolfia canescens</i>
2.1.492. Relbunium species	<i>Relbunium ciliatum</i>
	<i>Relbunium hirsutum</i>
	<i>Relbunium hypocarpium</i>
2.1.493.Weld species	<i>Reseda crispata</i>
	<i>Reseda lutea</i>
	<i>Reseda luteola</i>
	<i>Reseda orthostyla</i>
	<i>Reseda pseudovirens</i>
2.1.494.Buckthorn species	<i>Rhamnus aleternus</i>
	<i>Rhamnus alnifolia</i>
	<i>Rhamnus amygdalinus</i>
	<i>Rhamnus caroliniana</i>
	<i>Rhamnus cathartica</i>
	<i>Rhamnus catharticus</i>
	<i>Rhamnus chlorophorus</i>
	<i>Rhamnus dahurica</i>
	<i>Rhamnus davuricus</i>
	<i>Rhamnus frangula</i>
	<i>Rhamnus graecus</i>
	<i>Rhamnus infectoria</i>
	<i>Rhamnus infectorius</i>
	<i>Rhamnus japonica</i>
	<i>Rhamnus lycioides ssp. oleoides</i>
	<i>Rhamnus oleoides</i>
	<i>Rhamnus petiolaris</i>
	<i>Rhamnus purshianus</i>
	<i>Rhamnus saxatilis</i>
	<i>Rhamnus saxatilis ssp. tinctorius</i>
	<i>Rhamnus spino</i>
	<i>Rhamnus tinctorius</i>
	<i>Rhamnus utilis</i>
	<i>Rhamnus utilis + R. chlorophorus</i>

2.1.495. Rhubarb species	<i>Rheum frangula</i>
	<i>Rheum franzerbachii</i>
	<i>Rheum nobile</i>
	<i>Rheum officinale</i>
	<i>Rheum palmatum</i>
	<i>Rheum palmatum</i> var. <i>palmatum</i>
	<i>Rheum palmatum</i> var. <i>tangut.</i>
	<i>Rheum rhabarbarum</i>
	<i>Rheum rhaponticum</i>
	<i>Rheum rhapontikum</i>
	<i>Rheum sibiricum</i>
	<i>Rheum undulatum</i>
2.1.496. Rhizoma species	<i>Rhizoma curcumae javanicae</i>
	<i>Rhizoma Galangae</i>
	<i>Rhizoma hydrastis canadensis</i>
	<i>Rhizoma zedoariae</i>
	<i>Rhizoma gymnorrhiza</i>
	<i>Rhizoma mangle</i>
	<i>Rhizoma mucronata</i>
	<i>Rhizoma racemosa</i>
2.1.497. Rhododendron species	<i>Rhododendron japonicum</i>
	<i>Rhododendron maximum</i>
2.1.498. <i>Rhubarbe</i>	<i>Rhubarbe officinale</i>
2.1.499. Sumac species	<i>Rhus acuminata</i>
	<i>Rhus canadensis</i>
	<i>Rhus chinensis</i>
	<i>Rhus continus</i>
	<i>Rhus copallina</i>
	<i>Rhus coriaria</i>
	<i>Rhus elegans</i>
	<i>Rhus glabra</i>
	<i>Rhus hista</i>
	<i>Rhus kakrasingee</i>
	<i>Rhus myrtifolia</i>
	<i>Rhus pentaphylla</i>
	<i>Rhus semialata</i>
	<i>Rhus semiatala</i> var. <i>osbeckii</i>
	<i>Rhus succedanea</i>
	<i>Rhus toxidendron</i>
	<i>Rhus trichocarpa</i>
	<i>Rhus trilobata</i>
<i>Rhus typhina</i>	
<i>Rhus vernicifera</i>	
<i>Rhus viridiflora</i>	
2.1.500. Ribes species	<i>Ribes nigrum</i>
	<i>Ribes olidum</i>
	<i>Ribes vero</i>
2.1.501. Robinia	<i>Robinia comum</i>

2.1.502.Black locust	<i>Robinia pseudoacacia</i>
2.1.503. Masterwort	<i>Rubea major</i>
2.1.504.Madder species	<i>Rubia akane</i>
	<i>Rubia anglia</i>
	<i>Rubia chinensis</i> var. <i>glabrescens</i>
	<i>Rubia cordata</i>
	<i>Rubia cordifolia</i>
	<i>Rubia cordifolia</i> var. <i>Munjista</i>
	<i>Rubia iberica</i>
	<i>Rubia khasiana</i>
	<i>Rubia lucida</i>
	<i>Rubia munjista</i>
	<i>Rubia peregrina</i>
	<i>Rubia sikkimensis</i>
	<i>Rubia tetragona</i>
	<i>Rubia tinctoria</i>
<i>Rubia tinctorum</i>	
2.1.505.Blackberry	<i>Rubus fruticosus</i>
2.1.506. Ruellia species	<i>Ruellia indigofera</i>
	<i>Ruellia indigotica</i>
2.1.507.Rumex species	<i>Rumex acetosa</i>
	<i>Rumex acetosella</i>
	<i>Rumex acutus</i>
	<i>Rumex crispus</i>
	<i>Rumex hymenosepalus</i>
	<i>Rumex nepalensis</i>
	<i>Rumex obtusifolius</i>
	<i>Rumex romassa</i>
	<i>Rumex root</i>
	<i>Rumex silvestris</i>
2.1.508.Common rue	<i>Ruta graveolens</i>
2.1.509.Salix species	<i>Salix alba</i>
	<i>Salix aurita</i>
	<i>Salix caerulea</i>
	<i>Salix caprea</i>
	<i>Salix cinerea</i>
	<i>Salix daphnoides</i>
	<i>Salix fragilis</i>
	<i>Salix humboldtiana</i>
	<i>Salix nigricans</i>
	<i>Salix pentandra</i>
	<i>Salix phylicifolia</i>
	<i>Salix purpurea</i>
	<i>Salix repens</i>
	<i>Salix triandra</i>
<i>Salix viminalis</i>	
2.1.510.Salvia species	<i>Salvia auriculata</i>
	<i>Salvia officinalis</i>

	<i>Salvia patens</i>
	<i>Salvia triloba</i>
2.1.511. Elder species	<i>Sambuco nero</i>
	<i>Sambucus ebulus</i>
	<i>Sambucus humilis</i>
	<i>Sambucus medullina</i>
	<i>Sambucus nigra</i>
2.1.512. Canada puccoon species	<i>Sanguinaria acaulis</i>
	<i>Sanguinaria canadensis</i>
2.1.513. <i>Sanguis</i> species	<i>Sanguis draconis</i>
	<i>Sanguis dragonis canariensis</i>
2.1.514. Sapium species	<i>Sapium indicum</i>
	<i>Sapium sebiferum</i>
2.1.515. Sarcoscypha species	<i>Sarcocephalus esculentes</i>
	<i>Sarcoscypha coccinea</i>
2.1.516. Scotch broom species	<i>Sarothamnus glabrum</i>
	<i>Sarothamnus scoparius</i>
	<i>Sarothamnus vulgaris</i>
2.1.517. Sassafras	<i>Sassafras albidum</i>
2.1.518. Devil's-bit species	<i>Scabiosa praemorsa</i>
	<i>Scabiosa succisa</i>
2.1.519. Perennial knawel	<i>Sceranthus perennis</i>
2.1.520. Pate, seven finger	<i>Schefflera digitata</i>
2.1.521. Schinopsis species	<i>Schinopsis balansae</i>
	<i>Schinopsis lorentzii</i>
	<i>Schinopsis quebracho colorado</i>
2.1.522. False pepper	<i>Schinus molle</i>
2.1.523. <i>Schleichera</i>	<i>Schleichera trijuga</i>
2.1.524. <i>Scopolia</i>	<i>Scopolia aceuleata</i>
2.1.525. Scutellaria species	<i>Scutellaria baicalensis</i>
	<i>Scutellaria baicalensis GEORGI</i>
	<i>Scutellaria lanceolaria</i>
	<i>Scutellaria macrantha</i>
2.1.526. <i>Semecarpus</i> species	<i>Semecarpus anacardium</i>
	<i>Semecarpus australasicus</i>
2.1.527. Senecio species	<i>Senecio jacobaea</i>
	<i>Senecio jacobaea</i> L. var. <i>gypicus</i>
	<i>Senecio praecox</i>
2.1.528. Sepia species	<i>Sepia officinalis</i>
	<i>Sepia succus</i>
2.1.529. Serratula species	<i>Serratula tinctoria</i>
	<i>Sherardia arvensis</i>
2.1.530. <i>Shorea</i>	<i>Shorea talura</i>
2.1.531. <i>Sickingia</i>	<i>Sickingia rubra</i>
2.1.532. Simira	<i>Simira tinctoria</i>
2.1.533. <i>Soghum</i>	<i>Soghum vulgare</i>
2.1.534. Solanum species	<i>Solanum aviculare</i>
	<i>Solanum dulcamara</i>

	<i>Solanum nigrum</i>
	<i>Solanum anum stentomum</i>
2.1.535.Solidago species	<i>Solidago canadensis</i>
	<i>Solidago microglosa</i>
	<i>Solidago virgaurea</i>
	<i>Solidago viscosa</i>
	<i>Solidago vurgaurea</i>
2.1.536.Sophora species	<i>Sophora du Japon</i>
	<i>Sophora japonica</i>
	<i>Sophora microphylla</i>
	<i>Sophora tetraptera</i>
	<i>Sophora tinctoria</i>
2.1.537.Sorbus	<i>Sorbus aucuparia</i>
2.1.538. Sorghum species	<i>Sorghum caudatum var. colorans</i>
	<i>Sorghum saccharatum</i>
	<i>Sorghum vulgare var. durra</i>
	<i>Sorghum vulgare var. nervosum</i>
2.1.539.Soymida	<i>Soymida febrifuga</i>
2.1.540. Rush broom	<i>Spartium tinctorium</i>
2.1.541. <i>Spilanthus</i>	<i>Spilanthus tinctorius</i>
2.1.542. <i>Spina</i>	<i>Spina cervina</i>
2.1.543. <i>Spiraea</i>	<i>Spiraea ulmarina</i>
2.1.544. <i>Stigmanthus</i>	<i>Stigmanthus cymosus</i>
2.1.545.Strobilanthes species	<i>Strobilanthes cusia</i>
	<i>Strobilanthes flaccidifolius</i>
	<i>Strobilanthes flaccidus</i>
2.1.546.Styphnolobium species	<i>Styphnolobium japonicum</i>
2.1.547.Succisa species	<i>Succisa praemorsa</i>
2.1.548.Succisa species	<i>Succisa pratensis</i>
2.1.549. <i>Swertia</i>	<i>Swertia lutea</i>
2.1.550.Symphonia species	<i>Symphonia globulifera</i>
2.1.551.Symplocos species	<i>Symplocos crataegoides</i>
	<i>Symplocos fasciculata</i>
	<i>Symplocos paniculata</i>
	<i>Symplocos racemosa</i>
	<i>Symplocos spicata</i>
	<i>Symplocos tinctoria</i>
2.1.552.Syzgium species	<i>Syzgium cumini</i>
	<i>Syzgium aromaticum</i>
2.1.553.Tabebuia species	<i>Tabebuia avellanedae</i>
	<i>Tabebuia chrysantha</i>
	<i>Tabebuia lapacho</i>
2.1.554.Marigold species	<i>Tagetes erecta</i>
	<i>Tagetes patula</i>
	<i>Tagetes patulus</i>
2.1.555. <i>Tamariscus</i> species	<i>Tamariscus gallicus</i>
	<i>Tamariscus troupii</i>

2.1.556.Tamarix species	<i>Tamarix aphylla</i>
	<i>Tamarix articulata</i>
	<i>Tamarix furas</i>
	<i>Tamarix gallica</i>
	<i>Tamarix orientalis</i>
2.1.557. Tansy	<i>Tanacetum vulgare</i>
2.1.558.Tecoma species	<i>Tecoma araliacea</i>
	<i>Tecoma flavescens</i>
2.1.559.Tecoma species	<i>Tecoma ipe</i>
	<i>Tecoma lapacho</i>
	<i>Tecoma leucoxylon</i>
	<i>Tecoma ochracea</i>
2.1.560.Teak	<i>Tectona grandis</i>
2.1.561.Tephrosia species	<i>Tephrosia tinctoria</i>
2.1.562.Terminalia species	<i>Terminalia moluccana</i>
	<i>Terminalia bellerica</i>
	<i>Terminalia catappa</i>
	<i>Terminalia chebula</i>
	<i>Terminalia citrina</i>
	<i>Terminalia bellirica</i>
	<i>Terminalia indica</i>
	<i>Terminalia procera</i>
	<i>Terminalia tomentosa</i>
2.1.563. Terra species	<i>Terra de Siena</i>
	<i>Terra di Siena</i>
	<i>Terra japonica</i>
	<i>Terra merita</i>
	<i>Terra rubica</i>
	<i>Terra simile cinabro</i>
2.1.564.Teucrium species	<i>Teucrium chamaedris</i>
	<i>Teucrium officinalis</i>
	<i>Teucrium scordium</i>
2.1.565.Thalictrum species	<i>Thalictrum anonym</i>
	<i>Thalictrum flavum</i>
	<i>Thalictrum nigricans</i>
	<i>Thalictrum omeinse</i>
2.1.566. Thapsia	<i>Thapsia garganica</i>
2.1.567. Thea species	<i>Thea bohea</i>
	<i>Thea sinensis</i>
	<i>Thea viridis</i>
2.1.568. Theka	<i>Theka grandis</i>
2.1.569.Portia tree	<i>Thespesia populnea</i>
2.1.570. Spurge	<i>Tithymalus cyparissias</i>
2.1.571. Toddalia	<i>Toddalia asiatica</i>
2.1.572.Toona species	<i>Toona australis</i>
	<i>Toona ciliata</i>
	<i>Toona ciliata</i>
2.1.573. Tormentil	<i>Tormentilla erecta</i>
2.1.574. Tormentilla	<i>Tormentilla officinalis</i>

2.1.575. Wax tree	<i>Toxidendron succedaneum</i>
2.1.576. <i>Trifolium</i> species	<i>Trifolium nigrescens</i>
	<i>Trifolium pratense</i>
	<i>Trifolium purpureum</i>
	<i>Trifolium repens</i>
2.1.577.	<i>Trigonella foenum graecum</i>
2.1.578. Tripodanthus	<i>Tripodanthus acutifolius</i>
2.1.579.	<i>Triticum dicoccon</i>
2.1.580. Trollius s	<i>Trollius europaeus</i>
2.1.581. Tropaeolum species	<i>Tropaeolum majus</i>
2.1.582.	<i>Trunculariopsis trunculus</i>
2.1.583. Hemlock species	<i>Tsuga canadensis</i>
	<i>Tsuga heterophylla</i>
2.1.584. <i>Tussilago</i>	<i>Tussilago farfara</i>
2.1.585. Common gorse species	<i>Ulex armoricanus</i>
	<i>Ulex compositus</i>
	<i>Ulex europaeus</i>
	<i>Ulex floridus</i>
	<i>Ulex grandiflorus</i>
	<i>Ulex hibernicus</i>
	<i>Ulex mitis hort.</i>
	<i>Ulex opistholepis</i>
	<i>Ulex strictus</i>
	<i>Ulex vernalis et major</i>
2.1.586. <i>Ulmaria</i> species	<i>Ulmaria palustris</i>
	<i>Ulmaria pentapetala</i>
2.1.587. <i>Uncaria</i>	<i>Uncaria gambier</i>
2.1.588. <i>Uva</i> species	<i>Uva orsini</i>
	<i>Uva ursi procumbens</i>
2.1.589. <i>Vaccinium</i> species	<i>Vaccinium angulosum</i>
	<i>Vaccinium montanum</i>
	<i>Vaccinium myrtillus</i>
	<i>Vaccinium vitis idaea</i>
2.1.590. <i>Variegata</i>	<i>Variegata orientalis</i>
2.1.591. <i>Vataireopsis</i>	<i>Vataireopsis araroba</i>
2.1.592. <i>Ventilagio</i>	<i>Ventilagio viminalis</i>
2.1.593. <i>Veratrum</i>	<i>Veratrum album</i>
2.1.594. <i>Verbascum</i>	<i>Verbascum densiflorum</i>
2.1.595. <i>Verbena</i>	<i>Verbena hybrida</i>
2.1.596. <i>Vestes</i>	<i>Vestes fucatae</i>
	<i>Vestia lycioides</i>
2.1.597. <i>Vicia</i>	<i>Vicia faba</i>
Heartsease species	<i>Viola odorata</i>
	<i>Viola serotina</i>
	<i>Viola tricolor</i>
2.1.598. <i>Viscaria vulgaris</i>	<i>Viscaria vulgaris</i>
2.1.599. <i>Vitex</i> species	<i>Vitex agnus-castus</i>
	<i>Vitex lucens</i>
	<i>Vitex verticillata</i>

2.1.600. <i>Vitis vinifera</i>	<i>Vitis vinifera</i>
2.1.601. <i>Waltheria americana</i>	<i>Waltheria americana</i>
2.1.602. Kamahi species	<i>Weinmannia racemosa</i>
	<i>Weinmannia sylvicola</i>
2.1.603. <i>Woodfordia</i>	<i>Woodfordia floribunda</i>
2.1.604. <i>Wrightia tinctoria</i>	<i>Wrightia tinctoria</i>
2.1.605. <i>Xanthium strumarium</i>	<i>Xanthium strumarium</i>
2.1.606. Xerocomus species	<i>Xerocomus badius</i>
	<i>Xerocomus chrysenteron</i>
	<i>Xerocomus parasiticus</i>
	<i>Xerocomus subtomentorus</i>
2.1.607. Zanthoxylum species	<i>Zanthoxylum brachycanthum</i>
	<i>Zanthoxylum caribaeum</i>
	<i>Zanthoxylum fraxineum</i>
	<i>Zanthoxylum amiflorum</i>
2.1.608. Jujube species	<i>Ziziphus jujuba</i>
	<i>Ziziphus mauritania</i>
2.1.609. Cyprus sumac	<i>Pistacia terebinthus</i> L.
2.1.610. Woad	<i>Isatis tinctoria</i> L.
2.1.611. Chysanthemo	<i>Chrysanthemum</i> sp.
2.1.612. Garland flower	<i>Daphne oleoides</i> Schreber
2.1.613. Div-divi	<i>Caesalpinia coriaria</i>
2.1.614. Durmast and spps	<i>Quercus petraea</i> and spps
2.1.615. Dyer's Knotweed	<i>Polygonum tinctorum</i> AIT
2.1.616. Dyer's knotweed	<i>Persicaria tinctoria</i>
2.1.617. Dyer's mulberry	<i>Maclura tinctoria</i> L.
2.1.618. Dye-yam	<i>Dioscorea cirrhosa</i> Lour
2.1.619. Eastern	<i>Tsuga canadensis</i> L.
2.1.620. Comman mallow	<i>Malva sylvestris</i>
2.1.621. Ebony	<i>Diospyros mollis</i> GRIFF
2.1.328. Sorrels and spps	<i>Rumex</i> spps.
2.1.622. Egyptian mimosa	<i>Acacia nilotica</i> L.
2.1.623. Fragrant sumac	<i>Rush aromatica</i> Ation
2.1.624. Gambian indigo	<i>Philenoptera laxiflora</i>
2.1.625. Gangamau	<i>Cryptolepis sanguinolenta</i>
2.1.626. Gardenia	<i>Gardenia augusta</i> L.
2.1.627. Hemp	<i>Datisca cannabina</i> L.
2.1.628. Goldthread	<i>Coptis trifolia</i> L.
2.1.629. Grey alder	<i>Alnus incana</i> L.
2.1.630. Lime tree	<i>Tilia argentea</i>
2.1.631. South American madder	<i>Relbunium</i> sp.
2.1.632. Hairy onosma	<i>Onosma echioides</i> L.
2.1.633. Dyer's Alkanet	<i>Alkanna tinctoria</i> Tausch
2.1.634. Dyer's Alkanet	<i>Arbenia densiflora</i>
2.1.635. Monk's pepper	<i>Vitex agnus castus</i> L.
2.1.636. Indigo plant	<i>Indigofera tinctoria</i> L.
2.1.637. Indian Mulberry	<i>Morinda citrifolia</i> L.
2.1.638. Hollyhock	<i>Alcea rose</i> L.
2.1.639. Huangteng	<i>Fibraurea tinctorum</i>
2.1.640. Ibonishi	<i>Thais clavigera</i>

2.1.641.Greeter nettle	<i>Urtica diocica</i> L.
2.1.642.Berberry	<i>Berberis crataegina</i> DC
2.1.643.Indian mahogany	<i>Toona ciliate</i>
2.1.644.Indian sumac	<i>Anogeissus latifolia</i> Wall
2.1.645.Indigo plant	<i>Indigofera</i> sp.
2.1.646.Indigo plant	<i>Marsdenia tinctoria</i> R.BR.
2.1.647.Indigo plant	<i>Indigofera coerulea</i> Roxb
2.1.648.Indigo vine	<i>Philenoptera cyanescens</i>
2.1.649.Insoluble Redwoods	<i>Pterocarpus</i> sp.
2.1.650.Jackfurit	<i>Artocarpus heterophyllus</i> LAM
2.1.651.Jambal	<i>Peltophorum ferruginium</i> BENTH
2.1.652.Japanese pagoda tree	<i>Sophora japonica</i> L.
2.1.653.Japon kökboya	<i>Rubia akane</i> NAKEL
2.1.654.Javanese Wood	<i>Cudrania javanensis</i> TREC
2.1.655.Jiquilite	<i>Indigofera micheliana</i> Rose
2.1.656.African marigold	<i>Tagetes erecta</i> L.
2.1.657.Kamala	<i>Muclura cochinchinrnsis</i>
2.1.658.St.Jhon's wort	<i>Hypericum empetrifolium</i> Willd.
2.1.659.Brom	<i>Spartium junceum</i> L.
2.1.660.Thyme	<i>Thymus</i> sp.
2.1.661.Henna	<i>Lawsonia inermis</i> L.
2.1.662.Kiko	<i>Bidens triplinervia</i> Kunth
2.1.663.Kobunagus	<i>Arthraxon hispidus</i>
2.1.664.Logwood tree	<i>Haematoxylum campechianum</i> L.
2.1.665.Madder	<i>Rubia tinctorum</i> L.
2.1.666.Indian madder	<i>Rubia cardofolia</i> L.
2.1.667.Kuntunkuni and spps	<i>Lannea barteri</i> ve spps.
2.1.668.Lanshu and spps	<i>Wrightia laevis</i> and spps.
2.1.669.Light crottle and spps	<i>Parmelia saxatilis</i> L. and spps.
2.1.670.Larch bolete	<i>Suillus grevillei</i>
2.1.671.Magic gwarri	<i>Euclea divinorum</i> Hiern
2.1.672.Logwood	<i>Haematoyxlon campechianum</i> L.
2.1.673.Mastic tree and spps	<i>Pistacia lentiscus</i> L. and spps
2.1.674.Gall oak	<i>Quercus infectoria</i> Olivier
2.1.675.Mediterranean mezereon	<i>Dapne gnidium</i> L.
2.1.676.Balm	<i>Melissa officinalis</i> L.
2.1.677.Turpentine tree	<i>Pistacia terebinthus</i> L.
2.1.678.Mohuitli	<i>Justicia spicigera</i> Schdl
2.1.679.Moroccan sumac	<i>Rhus pentaphylla</i>
2.1.680.Weld	<i>Reseda luteola</i> L.
2.1.681.Elder and spps	<i>Sambucus nigra</i> L. and spps.
2.1.682.Myrobalan	<i>Terminalia chebula</i>
2.1.683.Naga madder	<i>Rubia sikkinmensis</i> KURZ
2.1.684.Mint	<i>Mentha</i> sp.
2.1.685.Pomegranate	<i>Punica granatum</i> L.
2.1.686.Narrawood	<i>Pterocarpus indicus</i> Willd
2.1.687.Natal indigo	<i>Indigofera arrecta</i>

2.1.688.Night Jasmine	<i>Nycanthes arbor-tristis</i> L.
2.1.689.Old Fustic	<i>Chloophora tinctoria</i> L.
2.1.690.Orange alder and spps	<i>Alnus rubra</i> and <i>spps.</i>
2.1.691.Orange grape and spps	<i>Mahonia aquifolium</i> and <i>spps.</i>
2.1.692.Osage Orange	<i>Maclura pomifera</i> RAF
2.1.693.Ounda and spps	<i>Morinda geminata</i> DC and <i>spps.</i>
2.1.694.Immortelen	<i>Helichrysum sp.</i>
2.1.695.Quito chilca	<i>Baccharis quitensis</i>
2.1.696.Pala indigo	<i>Wrightia tinctoria</i>
2.1.697.Valonia oak	<i>Quercus ithaburensis</i> Decaisne
2.1.698.Cretan rockrose	<i>Cistus creticus</i> L.
2.1.699.Golden marguerite	<i>Anthemis sp.</i>
2.1.700.Paraguay indigo and spps	<i>Koanophyllon tinctoria</i> and <i>spps</i>
2.1.701.Peachwood	<i>Haematoxylum brasiletto</i>
2.1.702.Pedunculate oak	<i>Quercus robur</i> L.
2.1.703.Peopered moon lichen	<i>Melanelia fuliginosa</i>
2.1.704.Pernambuco	<i>Caesalpinia echinata</i>
2.1.705.Pernambuco Wood	<i>Caesalpinia cristo</i> L.
2.1.706.Persian Larkspur	<i>Delphinium sp.</i>
2.1.707.Platanillo	<i>Indigofera suffruticose</i> Miller
2.1.708.Raic de tenir and spps	<i>Relbunium hypocarpium</i> L. and <i>spps</i>
2.1.709. Raurekau	<i>Coprosma australis</i>
2.1.710.Red cracking bolete	<i>Xerocomus chrysenteron</i>
2.1.711.Red mangrove and spps	<i>Rhizophora mangle</i> L. and <i>spps.</i>
2.1.712.Red sorghum	<i>Sorghum bicolor</i>
2.1.713.Red sandalwood	<i>Pterocarpus santalinus</i> L.
2.1.714.Rock buckthorn and spps	<i>Rhamnus saxatilis</i> Jacq and <i>spps</i>
2.1.715.Rock tripe	<i>Lasallia pustulata</i>
2.1.716.Rubber rabbitbrush	<i>Chrysothamnus nauseosus</i>
2.1.717.Rubia davisiana Ehrend.	<i>Rubia davisiana</i> Ehrend.
2.1.718.Saffron	<i>Crocus sativus</i> L.
2.1.719.Sappanwood	<i>Caesalpinia sappan</i> L.
2.1.720.Saw-wort	<i>Serratula tinctoria</i> L.
2.1.721.Mullein	<i>Verbascum sp.</i>
2.1.722.Smooth sumac	<i>Rush glabra</i> L.
2.1.723.Soluble Rewoods	<i>Haematoxylum braziletto</i> KARST
2.1.724.Soghagul	<i>Arnebia euchroma</i>
2.1.725.Common onion	<i>Allium cepa</i> L.
2.1.726.Spiny holdback and spps	<i>Caesalpinia spinosa</i> and <i>spps</i>
2.1.727.Staghorn sumac	<i>Rush typhina</i> L.
2.1.728.Sticky alder	<i>Alnus glutinosa</i> L.
2.1.729.Stiff marsh bedstraw	<i>Galium tinctoria</i> L.
2.1.730.Sumac	<i>Rush coriaria</i> L.
2.1.731.Pear routet spurge	<i>Euphorbia sp.</i>
2.1.732.Sweet chestnut	<i>Castanea sativa</i> Miller
2.1.733.Tickseed	<i>Coreopsis sp.</i>
2.1.734.Tinta montes	<i>Justicia colorifera</i>

2.1.735. Tingi	<i>Ceriops candolleana</i>
2.1.736. Tiriba	<i>Cochlospermum tinctorium</i>
2.1.737. Trinidad rockshll	<i>Thais coronata</i>
2.1.738. True Brazilwood	<i>Caesalpinia brasiliensis</i> L.
2.1.739. Tukula	<i>Pterocarpus tinctorius</i> Welw
2.1.740. Turmeric	<i>Curcuma domestica</i> VAL
2.1.741. Turmeric	<i>Curcuma long</i> L.
2.1.742. Water jasmine and spps	<i>Wrightia religiosa</i> and spps
2.1.743. Western hemlock	<i>Tsuga heterophylla</i>
2.1.744. Woodruff and spps	<i>Galium odoratum</i> L. and spps
2.1.745. Wide-mouthed rockshell And spps	<i>Plicopurpura patula</i> and spps
2.1.746. Wild madder	<i>Rubia peragirina</i> L.
2.1.747. Yangua	<i>Cybistax antisiphilitica</i> Martius
2.1.748. Yellow larkspur	<i>Delphinium semibarbatum</i> Bien
2.1.749. Yellow mangrove	<i>Ceriops tagal</i>
2.1.750. Yellow bedstraw	<i>Galium verum</i> L
2.1.751. Yoruba indigo	<i>Lonchocarpus cyanescens</i> BENT
2.1.752. Rusty Foxglove	<i>Digitalis ferruginea</i> L.
2.1.753. Woolly foxglove	<i>Digitalis lanata</i> L.
2.1.754. Tumeric	<i>Curcuma domestica</i> Val

3. Insect Resources Used in Natural Dyeing

3.1. Name of Dye Insect	Scientific Name
3.1.1. Ararat kermes	<i>Porphyrophora hameli</i> Brand
3.1.2. Wild South American cochineal	<i>Dactylopius ceylonicus</i>
3.1.3. Sylvester cochineal	<i>Dactylopius confusus</i>
3.1.7. Dactylopius species	<i>Dactylopius ceylonicus</i>
	<i>Dactylopius coccus</i>
	<i>Dactylopius confusus</i>
	<i>Dactylopius indicus</i>
	<i>Dactylopius tomentosus</i>
3.1.4. Sophora carmine scale	<i>Porphyrophora sophorae</i>
3.1.5. Polish carmine	<i>Porphyrophora crithmi</i>
3.1.6. Polish kermes	<i>Porphyrophora polonica</i> L.
3.1.7. Lac	<i>Kerria lacca</i> Kerr
3.1.8. Lacca species	<i>Lacca coerulea</i>
	<i>Lacca mucusi</i>
	<i>Lacca musica</i>
3.1.8. Cochineal	<i>Dactylopius coccus</i> Costa
3.1.9. Mediterranean Kermes	<i>Kermes vermilio</i> Planchon
3.1.10. Grain kermes	<i>Porphyrophora tritici</i> Bod.
3.1.11. Egyptian carmine scale	<i>Porphyrophora hirsutissima</i>
3.1.12. Chinese lac insect	<i>Kerria chinensis</i>
3.1.13. Chermes	<i>Chermes ilicis</i>
3.1.9. Kerria species	<i>Kerria chinensis</i>
	<i>Kerria lacca</i>
3.1.14. Coccus species	<i>Coccus ilicis</i>
	<i>Coccus lacca</i>

	<i>Coccus polonicus</i>
3.1.15. Cochenille species	<i>Cochenille ammoniacale</i>
	<i>Cochenille de la laca</i>
	<i>Cochenille de Pologne</i>
	<i>Cochenille nigra</i>

4. Molucs Resources Used in Natural Dyeing

4.1. Name of Dye Mollusc	Scientific Name
4.1.1. Akanishi	<i>Rapana venosa</i>
4.1.2. Sting winkle	<i>Ocenebra erinaceus</i>
4.1.3. Spiny dye-murex	<i>Bolinus brandaris</i> L.
4.1.4. Red-mouthed rockshell	<i>Stramonita biserialis</i>
4.1.5. Red-mouthed rockshell	<i>Stramonita haemastoma</i> L.
4.1.6. Kiosque rockshell	<i>Thais kiosquiformis</i>
4.1.7. Dye-murex	<i>Hexaplex trunculus</i> L.
4.1.8. Dog-whelk	<i>Nucella lapillus</i>
4.1.9. Dye-peliga	<i>Thais savignyi</i>
4.1.10. Chirimenbora	<i>Rapana bezoar</i>
4.1.11. Chocolate rockshell	<i>Stramonita chocolata</i>
4.1.12. Horned murex	<i>Bolinus cornutus</i>
4.1.13. Gigantea	<i>Buccinum haemastoma</i>
4.1.14. Color	<i>Color tyrius</i>
4.1.15. Spiny cup	<i>Cusambrium spinosum</i>
4.1.16. European sting winkle	<i>Ocenabra erinacea</i>
4.1.17. Purpura species	<i>Purpura amethystina</i>
	<i>Purpura haemastoma</i>
	<i>Purpura hyacinthina</i>
	<i>Purpura hyacinthina atrum (ostrum)</i>
	<i>Purpura lapillus</i>
	<i>Purpura patula</i>
	<i>Purpura patula ssp. pansa</i>
	<i>Purpura rosea</i>
	<i>Purpura rubra</i>
	<i>Purpura violacea (ostrum)</i>
	<i>Purpura violaceum (ostrum)</i>
4.1.18. Murex species	<i>Murex brandaris</i>
	<i>Murex cornutus</i>
	<i>Murex erinaceus</i>
	<i>Murex tronque</i>
	<i>Murex trunculus</i>
4.1.18. <i>Thais</i> species	<i>Thais haemastoma</i>
	<i>Thais patula</i>

5. Fungi Resources Used in Natural Dyeing

5.1. Name of Dye Fungi	Scientific Name
5.1.1. Velvet bolete	<i>Suillus variegatus</i>
5.1.2. Tinder bracket	<i>Fomes fomentarius</i>
5.1.3. Slimy spikecap	<i>Gomphidius glutinosus</i>
5.1.4. Mulberry polypore	<i>Polyporus mori</i>
5.1.5. Large agaric	<i>Laricifomees officinalis</i>

5.1.6. Large bolete	<i>Suillus grevillei</i>
5.1.7. Indian paint fungus	<i>Echinodontium tinctorium</i>
5.1.8. Hispidus canker	<i>Inonotus hispidus</i>
5.1.9. Dye-maker's puffball	<i>Pisolithus arhizus</i>
5.1.10. Desert shaggy mane	<i>Podaxis pistillaris</i>
5.1.11. Elegant sunburst lichen species	<i>Xanthoria elegans</i>
	<i>Xanthoria fallax</i>
	<i>Xanthoria parietina</i>
	<i>Xanthoria parietina</i> var. <i>Aureola</i>
5.1.12. <i>Ungulina</i>	<i>Ungulina fomentaria</i>
5.1.13. <i>Umbicilaria</i>	<i>Umbicilaria pustula</i>
5.1.14. <i>Trametes</i>	<i>Trametes cinnabaria</i>
5.1.15. Usnea species	<i>Usnea barbata</i>
	<i>Usnea barbata</i> var. <i>florida</i>
	<i>Usnea dasypoga</i>
	<i>Usnea florida</i>
	<i>Usnea hirta</i>
	<i>Usnea longissima</i>
	<i>Usnea pectinata</i>
<i>Usnea plicata</i>	
5.1.16. Bovine bolete species	<i>Suillus bovinus</i>
	<i>Suillus grevillei</i>
	<i>Suillus piperatus</i>
	<i>Suillus variegatus</i>
5.1.17. <i>Stereocaulon</i>	<i>Stereocaulon corticulatum</i> var. <i>procerum</i>
5.1.18. <i>Sticta</i> species	<i>Sticta coronata</i>
	<i>Sticta aurata</i>
	<i>Sticta colensii</i>
	<i>Sticta coronata</i>
	<i>Sticta fuliginosa</i>
	<i>Sticta pulmonacea</i>
<i>Sticta pulmonaria</i>	
5.1.19. Ball lichens	<i>Sphaerophorus fragilis</i>
5.1.20. <i>Ramalina</i>	<i>Ramalina crassa</i>
5.1.21. <i>Polyporu</i>	<i>Polyporus leucomelas</i>
5.1.22. <i>Polystictus</i> species	<i>Polystictus cinnabarinus</i>
	<i>Polystictus versicolor</i>
5.1.23. <i>Piptoporus</i>	<i>Piptoporus australiensis</i>
5.1.24. <i>Pertusaria</i> species	<i>Pertusaria corallina</i>
	<i>Pertusaria dealbata</i> auct
	<i>Pertusaria dealbescens</i>
	<i>Pertusaria lactea</i>
	<i>Pertusia</i> spp.
5.1.25. <i>Nephroma</i>	<i>Nephroma laevigatum</i>
5.1.26. <i>Nephromopsis</i>	<i>Nephromopsis endocrocea</i>
5.1.27. <i>Lasallia</i>	<i>Lasallia pustulata</i>
5.1.28. <i>Mycoblastus</i>	<i>Mycoblastus sanguinarius</i>

5.1.29. Orange spine species	<i>Hydnum aurantiacum</i>
	<i>Hydnum soaveolens</i>
5.1.30. Slimy spike-cap	<i>Gomphilius glutinosus</i>
	<i>Gomphilius maculatus</i>
5.1.31. Blood red webcap	<i>Cortineus sanguineus</i>
5.1.32. Coriolus	<i>Coriolus sanguineus</i>
5.1.33. Chrolechia	<i>Chrolechia pallenscens</i>
5.1.34. Chlorella	<i>Chlorella fusca</i>
5.1.35. Chlorociboria species	<i>Chlorociboria aeruginosa</i>
	<i>Chlorociboria aeruginosum</i>
5.1.36. Boletinus	<i>Boletinus cavipes</i>
5.1.37. Cinnabar bracket	<i>Pycnoporus cinnabarinus</i>
	<i>Hapalopilus rutilans</i>
5.1.38. Bovine bolete	<i>Suillus bovinus</i>
5.1.39. Bloodred webcap	<i>Cortinarius sanguineus</i>
5.1.40. Bloodred webcap	<i>Paxillus atrotomentosus and spps.</i>
5.1.41. Chlorosplenium	<i>Chlorosplenium aeruginosum</i>

6. Lichen Resources Used in Natural Dyeing

6.1. Name of Dye Lichen	Scientific Name
6.1.1. Yellow Wall lichen	<i>Xanthora parietina</i> L.
6.1.2. Wolf moss	<i>Letharia vulpina</i> L.
6.1.3. Tumbleweed shield lichen and dye lichens	<i>Xanthoparmelia chlorochroa</i> and spps
6.1.4. Orchil lichen	<i>Roccella tinctoria</i>
6.1.5. Lima weed and spps	<i>Roccella fuciformis</i>
	<i>Roccella flacida</i>
	<i>Roccella loriformis</i>
	<i>Roccella montagnei</i>
	<i>Roccella phycopsis</i>
	<i>Roccella portentosa</i>
6.1.6. Lungwort	<i>Lobaria pulmonaria</i>
6.1.7. Teloschistes species	<i>Teloschistes exilis</i>
	<i>Teloschistes flavicans</i>
6.1.8. Thallus	<i>Teloschistin flavicans</i>
6.1.9. <i>Solorina</i>	<i>Solorina crocea</i>
6.1.10. Lichen species	<i>Lichen a Nombri</i>
	<i>Lichen de Roche</i>
	<i>Lichen floridus</i>
	<i>Lichen parellus</i>
	<i>Lichen pulmonaire</i>
	<i>Lichen pulmonarius</i>
	<i>Lichen rocella</i>
	<i>Lichen tartareus de Linne</i>
6.1.11. Lichen species	<i>Lichen Quebracho Colorado</i>
6.1.12. Lecanora species	<i>Lecanora epanora</i>
	<i>Lecanora parella</i>
	<i>Lecanora rupicula</i>
	<i>Lecanora sulphurea</i>
	<i>Lecanora tartarea</i>

6.1.13. Wolf lichen	<i>Letharia vulpina</i>
6.1.14. Fulgensia	<i>Fulgensia fulgida</i>
6.1.15. Crater lichen	<i>Diploschites scruposus</i>
6.1.16. Cladonia species	<i>Cladonia pyxicata</i>
	<i>Cladonia rangiferina</i>
	<i>Cladonia silvatica</i>
6.1.17. Caloplaca species	<i>Caloplaca arenaria</i>
	<i>Caloplaca cinnabarina</i>
	<i>Caloplaca elegans</i>
	<i>Caloplaca feruginea</i>
	<i>Caloplaca percrocata</i>
6.1.18. Bryopogon	<i>Bryopogon jubatum</i>
6.1.19. Corcur	<i>Ochrolechia tartarea</i> L.
6.1.20. Common witch's-hair lichen	<i>Alectoria sarmentosa</i>
6.1.21. Crab's eye lichen ve türleri	<i>Ochrolechia parella</i> L. ve spp.
6.1.22. Canary orchil	<i>Roccella canariensis</i>
6.1.23. Beard lichens abd spp	<i>Usnea spp</i>

7. Natural dyestuffs in the product content		
7.1. Dyestuff	CAS NUMBER	Maximum limit (mg/kg)
7.1.1. Carminic acid	1260-17-9	free
7.1.2. Kermesic acid	18499-92-8	free
7.1.3. Flavokermesic acid	18499-84-8	free
7.1.4. Laccaic acid A	60687-93-6	free
7.1.5. Laccaic acid B	17249-00-2	free
7.1.6. Laccaic acid C	<u>23241-56-7</u>	free
7.1.7. Laccaic acid D	18499-84-8	free
7.1.8. Laccaic acid E	14597-16-1	free
7.1.9. 6'- bromoindirubin	667463-62-9	free
7.1.10. 6,6'- dibromoindigotin	19201-53-7	free
7.1.11. 6,6'-dibromoindirubin	<u>1147124-21-7</u>	free
7.1.12. Hydroxysafflor yellow A	78281-02-4	free
7.1.13. Anhydrosafflor yellow B	184840-84-4	free
7.1.14. acetylalkannin	34232-27-4	free
7.1.15. ruberythric acid	152-84-1	free
7.1.16. eupatorin	855-96-9	free
7.1.17. Dibromoindigo	19201-53-7	free
7.1.18. Monobromoindigo	139582-54-0	free
7.1.19. Monbromoindirubin	57-13-6	free
7.1.20. Alizarin	72-48-0	free
7.1.21. Purpurin	81-54-9	free
7.1.22. Munjistin	478-06-8	free
7.1.23. Rubiadin	117-02-2"	free
7.1.24. Pseudopurpurin	476-41-5	free
7.1.25. Juglons	281-688-1	free

7.1.26. Indigotin	482-89-3	free
7.1.27. Indirubin	479-41-4	free
7.1.28. Luteolin	491-70-3	free
7.1.29. Apigenin	520-36-5	free
7.1.30. Naringenin	480-41-1	free
7.1.31. Fisetin	528-48-3	free
7.1.32. Sulfuretin	120-05-8	free
7.1.33. Quercetin	117-39-5	free
7.1.34. Berberine	633-65-8	free
7.1.35. Genistein	446-72-0	free
7.1.36. Kaempferol	520-18-3	free
7.1.37. Delphinidin	528-53-0	free
7.1.38. Cyanidin	528-58-5	free
7.1.39. Petunidin	1429-30-7	free
7.1.40. Pelargonidin	134-04-3	free
7.1.41. Malvidin	643-84-5	free
7.1.42. Myricetin	529-44-2	free
7.1.43. Catechines	154-23-4	free
7.1.44. Epicatechin	490-46-0	free
7.1.45. Hesperitin	520-26-3	free
7.1.46. Gallic acid	149-91-7	free
7.1.47. Ellagic acid	476-66-4	free
7.1.48. Tannin	1401-55-4	free
7.1.49. Hesperidin	520-26-3	free
7.1.50. Precarthamin	102716-32-5	free
7.1.51. Carthamin	36338-96-2	free
7.1.52. Saflomin A	78281-02-4	free
7.1.53. Safflor yellow A	85532-77-0	free
7.1.54. Saflomin C	78281-02-4	free
7.1.55. Naphthazarin	475-38-7	free
7.1.56. Alkannin	517-88-4	free
7.1.57. Diospyrin	28164-57-0	free
7.1.58. Shikonin	54952-43-1	free
7.1.59. Mamegakinone	17734-93-9	free
7.1.60. Diosindigo A	31241-57-3	free
7.1.61. Lawsone	83-72-7	free
7.1.62. Maderone	84929-38-4	free
7.1.63. Ventilone	51022-70-9	free
7.1.64. Chrysophanol	83-72-7	free
7.1.65. Aleo-emodin	481-72-1	free
7.1.66. Rhein	478-43-3	free
7.1.67. Emodin	518-82-1	free
7.1.68. Physcion	521-61-9	free
7.1.69. Alaternin	641-90-7	free
7.1.70. Islandicin	476-56-2	free
7.1.71. Xanthorin and derivatives	17526-15-7	free
7.1.72. Ventinone A	73726-67	free

7.1.73. Xanthopurpurin	518-83-2	free
7.1.74. Alizarin 1-methyl ether	6170-06-5	free
7.1.75. Lucidin and derivatives	478-08-0	free
7.1.76. Damnacanthal	477-84-9	free
7.1.77. Munjistin	478-06-8	free
7.1.78. Soranjidiol	518-73-0	free
7.1.79. Antragallol	602-64-2	free
7.1.80. Morindone	478-29-5	free
7.1.81. Oruwal	36956-68-0	free
7.1.82. Crisilinol	51874-89-6	free
7.1.83. Xanthomicrol	16545-23-6	free
7.1.84. Norartocarpetin	520-30-9	free
7.1.85. Genkwanin	437-64-9	free
7.1.86. Artocarpesin	3162-09-2	free
7.1.87. Norartocarpin	62949-79-5	free
7.1.88. Arthraxin	23986-34-7	free
7.1.89. Tricin	520-32-1	free
7.1.90. Artonin A and Artonin B		free
7.1.91. Galangin	548-83-4	free
7.1.92. Fisetin	528-48-3	free
7.1.93. Kaempferol	520-18-3	free
7.1.94. Eupalitin	29536-41	free
7.1.95. Isokaempferide	1592-70-7	free
7.1.96. Morin	480-16-0	free
7.1.97. Quercetin	117-39-5	free
7.1.98. Myricetin	529-44-2	free
7.1.99. Quercetagetin	90-18-6	free
7.1.100. Formononetin	485-72-3	free
7.1.101. Osajin	482-53-1	free
7.1.102. Isoliquiritigenin	961-29-5	free
7.1.103. Butein	487-52-5	free
7.1.104. Okanin	484-76-4	free
7.1.105. Flemingin A, B, C	18296-58-7	free
7.1.106. Chalcone	614-47-1	free
7.1.107. Sulfuretin and derivatives	120-05-8	free
7.1.108. Maclurin	519-34-6	free
7.1.109. Rottlerin	82-08-6	free
7.1.110. Cyanomaclurin	18422-83-8	free
7.1.111. Pelargonidin	134-04-3	free
7.1.112. Cyanidin	528-58-5	free
7.1.113. Delphinidin	528-53-0	free
7.1.114. Peonidin	134-01-0	free
7.1.115. Petunidin	1429-30-7	free
7.1.116. Malvidin	643-84-5	free
7.1.117. Apigeninidin	1151-98-0	free
7.1.118. Luteolinidin	1154-78-5	free

7.1.119. Tricetinidin	65618-21-5	free
7.1.120. Aurantinidin	25041-66-1	free
7.1.121. 6-Hydroxycyanidin	42529-06-6	free
7.1.122. 6-Hydroxydelphinidin	28094-15-7	free
7.1.123. 5-Methylcyanidin	178436-69-6	free
7.1.124. Rosinidin	4092-64-2	free
7.1.125. Pulchellinidin	25791-96-2	free
7.1.126. Europolinidin	19077-87-3	free
7.1.127. Hirsutidin	4092-66-4	free
7.1.128. Capensinidin	19077-85-1	free
7.1.129. Brazilin	474-07-7	free
7.1.130. Brazilein	600-76-0	free
7.1.131. Sappanol	111254-19-4	free
7.1.132. Episappanol	111254-18-3	free
7.1.133. Sappanone	102067-84-5	free
7.1.134. Protosappanin	102036-28-2	free
7.1.135. Protosappanin E	102036-28-2	free
7.1.136. Caesalpin J	99217-67-1	free
7.1.137. Santalin	529-60-2	free
7.1.138. Santarubin	37381-57-0	free
7.1.139. Pterocarpin	524-97-0	free
7.1.140. Homopterocarpin	606-91-7	free
7.1.141. Claussequinone	35878-39-8	free
7.1.142. Bixin	6983-79-5	free
7.1.143. Trans-bixin	39937-23-0	free
7.1.144. Crocetin	27876-94-4	free
7.1.145. Curcumin	458-37-7	free
7.1.146. Canadine	522-97-4	free
7.1.147. Oxyacanthine	548-40-3	free
7.1.148. Berbamine	478-61-5	free
7.1.149. Sanguinarine (cation)	2447-54-3	free
7.1.150. Chelerythrine (cation)	3895-92-9	free
7.1.151. Berberine	633-65-8	free
7.1.152. Jatrorrhizine	3621-38-3	free
7.1.153. Columbamine	3621-36-1	free
7.1.154. Palmatine	10605-02-4	free
7.1.155. Canadine	522-97-4	free
7.1.156. Coptisine	3486-66-6	free
7.1.157. Worenine	38763-29-0	free
7.1.158. Phellodendrine	6873-13-8	free
7.1.159. Magnoflorine	2141-09-5	free
7.1.160. Oxyacanthine	548-40-3	free
7.1.161. Berbamine	478-61-5	free
7.1.162. Sanguinarine	5578-73-4	free
7.1.163. Chelerythrine	34316-15-9	free
7.1.164. Cryptolepine	480-26-2	free
7.1.165. Pentagalloyl-B-D-glucose	14937-32-7	free

7.1.166.Tara tannin	94855-05-7	free
7.1.167.Corilagin	23094-69-1	free
7.1.168.Chebulinic acid	18942-26-2	free
7.1.169.Tellimagrandin I	79786-08-6	free
7.1.170.Casuarictin	79786-00-8	free
7.1.171.Pedunculagin	7045-42-3	free
7.1.172.Vescalin	34112-28-2	free
7.1.173.Vescalagin	36001-47-5	free
7.1.174.Roburin A	132864-75-6	free
7.1.175.Roburin B	132864-75-6	free
7.1.176.Roburin E	132864-75-6	free
7.1.177.Alnusiin	78836-99-4	free
7.1.178.Punicalin	65995-64-4	free
7.1.179.Granatin A	161205-11-4	free
7.1.180.Granatin B and chebulagic acid	77322-54-4	free
7.1.181.Punicacortein A	103488-35-3	free
7.1.182.Punicacortein C	103488-37-5	free
7.1.183.Punigluconin	103488-38-6	free
7.1.184.Woodfruticosin	126347-63-5	free
7.1.185.Flavan	494-12-2	free
7.1.186.Gambiriin C	76236-89-0	free
7.1.187.Fisetinidol	490-49-3	free
7.1.188.Robinetinidol	528-56-3	free
7.1.189.Proanthocyanidin	20347-71-1	free
7.1.190.Acutissimin A	108906-66-7	free
7.1.191.Orsellinic acid	480-64-8	free
7.1.192.Lecanoric acid	480-56-8	free
7.1.193.Orcinol	504-15-4	free
7.1.194.Phenoxazone	135-67-1	free
7.1.195.Orceins	1400-62-0	free
7.1.196.Erythrin	480-57-9	free
7.1.197.Diploschistesic acid	537-08-6	free
7.1.198.Gyrophoric acid	548-89-0	free
7.1.199.Physodic acid	84-24-2	free
7.1.200.B-orcinol	6153-39-5	free
7.1.201.Atranorin	479-20-9	free
7.1.202.Thamnolic acid	484-55-9	free
7.1.203.Barbatic acid	67-52-7	free
7.1.204.Barbatolic acid	529-50-0	free
7.1.205.Protocetraric acid	489-51-0	free
7.1.206.Fumarprotocetraric acid	489-50-9	free
7.1.207.Physodalic acid	84-24-2	free
7.1.208.Psoromic acid	7299-11-8	free
7.1.209.Lobaric acid	522-53-2	free
7.1.210.Salazinic acid	521-39-1	free
7.1.211.Usnic acid	7562-61-0	free

7.1.212.Pulvinic acid	26548-70-9	free
7.1.213.Involutin	13677-78-6	free
7.1.214.Polyporic acid	548-59-4	free
7.1.215.Flavomentins A,B,C,D	121254-52-2	free
7.1.216.Spiromentins A,B,C,D	4829-36-1	free
7.1.217.Thelephoric acid	479-64-1	free
7.1.218.Parietinic acid	17636-18-9	free
7.1.219.Fallacinol	569-05-1	free
7.1.220.Physcion	521-61-9	free
7.1.221.Emodin	518-82-1	free
7.1.222.Norbadiione-A	90295-68-4	free
7.1.223.Bisnorbadioquinone-A	90295-70-8	free
7.1.224.Fomentariol	53948-12-2	free
7.1.225.Anhydrofomentariol	63521-58-4	free
7.1.226.Hispidin	555-55-5	free
7.1.227.Cinnabarin	146-90-7	free
7.1.228.Echinotinctone	176181-82-1	free

8. Synthetic dyestuffs and binders contained in the product

8.1. Dyestuff	Group	Maximum limit (mg/kg)
8.1.1. Azoik dyestuffs	All	0.00
8.1.2. Direct dyestuffs	All	0.00
8.1.3. Vat Dyestuffs	All	0.00
8.1.4. Sulfur dyestuffs	All	0.00
8.1.5. Reactive dyestuffs	All	0.00
8.1.6. Reducing dyestuffs	All	0.00
8.1.7. Oxidation dyestuffs	All	0.00
8.1.8. Acid dyestuffs	All	0.00
8.1.9. Alkali dyestuffs	All	0.00
8.1.10. Mordant dyestuffs	All	0.00
8.1.11. Chrome dyestuffs	All	0.00
8.1.12. Disperse dyestuffs	All	0.00
8.1.13. Pigment dyestuffs	All	0.00
8.1.14. Synthetic binders	All	0.00

9. Natural mordant substance in the product content

9.1. Mordant substance	CAS NO	Maximum limit (mg/kg)
9.1.1. Al(KAl(SO ₄) ₂ .12H ₂ O	7784-24-9	free
9.1.2. Al ₂ (SO ₄) ₃	10043-01-3	free
9.1.3. FeSO ₄	7782-63-0	free
9.1.4. Fe ₂ (SO ₄) ₃	10028-22-5	free
9.1.5. Ca compounds	all	free
9.1.6. Mg compounds	all	free
9.1.7. K compounds	all	free
9.1.8. Si compounds	all	free

10. *Inorganic Element Content Maximum Limits in the Natural Dyed Product*

10.1. Inorganic element content	CAS NO	Maximum limit (mg/kg)
10.1.1. Fe	7439-89-6	free
10.1.2. Ca	7440-70-2	free
10.1.3. Cu	7440-50-8	< 25,00
10.1.4. Cr	7440-47-3	< 1,00
10.1.5. Ni	7440-02-0	< 1,00
10.1.6. Ba	7440-39-3	< 1000,00
10.1.7. Si	7440-21-3	free
10.1.8. K	7440-09-7	free
10.1.9. Pb	7439-92-1	< 0,20
10.1.10.As	7440-38-2	< 0,20
10.1.11.Sn	7440-31-5	< 0,20
10.1.12.Cd	7440-43-9	< 0,10
10.1.13.Co	7440-44-0	< 1,00
10.1.14.Hg	7439-97-6	< 0,02
10.1.15.Se	7782-49-2	< 0,20
10.1.16.Mn	7439-96-5	< 90,00
10.1.17.Zn	7440-66-6	< 750,00
10.1.18.Sb	7440-36-0	< 0,20
10.1.19.Al	7429-90-5	free

11. *Prohibited and Restricted Substances*

11.1.Substance group	Criteria
11.1.1. Aromatic and halogenated solvents	Prohibit
11.1.2. Flame retardants	Prohibited ones - Chlorinated flame retardants - Brominated flame retardants - Phosphorus flame retardants - Flame retardants containing antimony - Disodium octaborate
11.1.3. Chlorinated benzenes and toluene	Prohibit
11.1.4. Chlorophenols (salts and esters)	Prohibit
11.1.5. Complexing agents and surfactants	Prohibited ones <ul style="list-style-type: none"> • All AP ve APEO • EDTA • DTPA • NTA • LAS • α-MES
11.1.6. Endocrine disruptors	Prohibit
11.1.7. Formaldehyde and other aldehydes	Prohibit
11.1.8. Glycol derivatives	Prohibit

12. <i>Technical Quality Parameters</i>		
12.1. Parameter	Criteria	Test Method
12.1.1. Rubbing fastness (dry)	3-4	ISO 105X12
12.1.2. Rubbing fastness(wet)	2	ISO 105X12
12.1.3. Sweat fastness (alkaline and acidic)	3-4	ISO 105 E04
12.1.4. Sweat fastness	3	ISO 105 E04
12.1.5. Light fastness	3-4	ISO 105 B02
12.1.6. Saliva fastness (baby products only)	5	BVL B82.92.3 DIN 53160-1
12.1.7. Washing fastness (40 °C)	3-4	ISO 105 C06 A1M
13. <i>Maximum Limits of Residues in Products</i>		
13.1. Parameter	Criteria	Test Method
13.1.1. Alkyl phenol	< 20 mg/kg	GC/MS, HPLC/MS
13.1.2. AOX	< 5 mg/kg	ISO9562
13.1.3. Aryl amines	< 20 mg/kg	HPLC/GCMS
13.1.4. Formaldehyde	< 16 mg/kg	ISO 14184-1
13.1.5. Glyoxalin	< 20 mg/kg	ISO 17226-1 (HPLC)