

Nonwood Plant Fiber Names - Common & Scientific

By Alfred M. Hurter, P.Eng., "Utilization of Annual Plants and Agricultural Residues for the Production of Pulp and Paper", TAPPI 1988 Pulping Conference Proceedings, pages 49 -70.

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Hurter provided the common and scientific names of some nonwood plant fiber raw materials which have and are being used to produce pulp and paper.

Group		Common Name	Scientific Name
Stalk Fibers	Cereals	Wheat straw	<i>Triticum sativum</i>
		Oat straw	<i>Avena sativa</i>
		Rye straw	<i>Secale cereal</i>
		Barley straw	<i>Hordeum vulgare</i>
			<i>Hordeum distichon</i>
		Rice straw	<i>Oryza sativa</i>
		Corn stalks	<i>Zea mays</i>
		Grain sorghum stalks	<i>Andropogon sorghum</i>
	Millet	<i>Gramineae</i>	
	Grasses	Esparto	<i>Lygnum spartum</i>
			<i>Stipa tenacissima</i>
		Sabai (dragon's beard)	<i>Eulaliopsis binata</i>
		Lemon	<i>Cymbopogon citratus</i>
			<i>Cymbopogon flexuosus</i>
		Kuneria	<i>Heteropogon contortus</i>
		Siru	<i>Imerata cylindrica</i>
		Mawai	<i>Penniselum hohenackeri</i>
		Ulla	<i>Themeda arundinacea</i>
		Munj	<i>Saccharum bengalense</i>
Elephant		<i>Themeda cymbaria</i>	
	<i>Pennisetum purpureum</i>		

Group		Common Name	Scientific Name
Stalk Fibers	Grasses	Genera	<i>Themeda quadrivalvis</i>
		Guatemala	<i>Tripsacum lusum</i>
		Ekra	<i>Frianthus ravennaf</i>
		Khagra	<i>Saccharum spontaneum</i>
		Kurukuru	
		Johnson	<i>Sorghum halpense</i>
		Switch grass	<i>Panicum virgatum</i>
	Reeds	Reed	<i>Phragmites vulgaris</i>
		Reed (Quassab, delta grass, sulina)	<i>Phragmites communis</i>
		Papyrus	<i>Cyperus papyrus</i>
		Nal	<i>Phragmites karka</i>
		Addar grass	<i>Arundo donax</i>
	Canes	Sugarcane (bagasse)	<i>Saccharum officianarum</i>
		Bamboo	see Bamboo
Bast Fibers	New Zealand Flax	<i>Phorium tenax</i>	
	Flax	<i>Linum usitatissimum</i>	
	Kenaf	<i>Hibiscus cannabinus</i>	
	Ramie	<i>Bochmeria nivea</i>	
	Jute (1)	<i>Corchorus capsularis</i>	
	Jute (2)	<i>Corchorus olitorius</i>	
	Okra	<i>Hibiscus esculentus</i>	
	Common hemp	<i>Cannabis sativa</i>	
	Sunn hemp	<i>Crotalaria juncea</i>	
Leaf Fibers	Abaca (Manila Hemp)	<i>Musa textilis</i>	
	Sisal (Sisal Hemp)	<i>Agave sisalana</i>	
	Henequen	<i>Agave froucryode</i>	
	Caroa	<i>Neoglazovia varigata</i>	
	Palm	<i>Palmae</i>	
	Hesperaloe	<i>Hesperaloe funifera</i>	
		<i>Hesperaloe nocturna</i>	
<i>Hesperaloe parviflora</i>			
Seed Hull Fibers	Cotton	<i>Gossypium</i>	
	Coir (coconut fiber)	<i>Cocos nucifera</i>	