

Traditional plant-based artifacts of Odisha

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Supplementary Table S1 List of plant species used for traditional handicrafts

Sl. No.	Scientific name	Family	Habit	Local name	Parts used	Artifacts made	Location
1	<i>Actinoscirpus grossus</i> (L.f.) Goetgh. & D.A. Simpson	Cyperaceae	Herb	Beduan	Inflorescence stalk & leaf	Mats, bags, baskets	Malkangiri, Khordha
2	<i>Aeschynomene aspera</i> L.	Fabaceae	Herb	Sola	Stem	Vaskarmala, headgear for Odissi dancers	Balangir, Jagatsinghpur
3	<i>Aeschynomene indica</i> L.	Fabaceae	Herb	Solakarana	Stem	Vaskarmala, headgear of Lord Jagannath	Puri, Sambalpur
4	<i>Agave sisalana</i> Perrine	Asperagaceae	Shrub	Sisul	Leaf	Carpets, ropes, bags, cordage	Khordha
5	<i>Areca catechu</i> L.	Arecaceae	Tree	Gua	Seed	Idols, jewellery pieces, key chains	Khordha, Ganjam
6	<i>Arundo donax</i> L.	Poaceae	Herb	-	Stem	Pen stands, baskets, fishing rod, flutes	Cuttack, Kendrapara
7	<i>Kanta banso</i> (L.) Voss.	Poaceae	Tree	Kanta, Balia	Stem	Furniture, baskets	Cuttack, Khordha, Mayurbhanj, Balangir, Jajpur
8	<i>Phanera vahlii</i> (Wight & Arn.) Benth	Fabaceae	Climber	Siali	Leaf	Cutlery	Koraput, Mayurbhanj
9	<i>Borassus flabellifer</i> L.	Arecaceae	Tree	Tala	Leaf	Pattachitra, hand fans, jataka, boxes	Cuttack, Puri
10	<i>Cannabis sativa</i> L.	Cannabaceae	Herb	Ganja, Bhang	Bark	Carpets, ropes, bags, cordage	Khordha, Puri, Mayurbhanj
11	<i>Chrysopogon zizanioides</i> (L.) Roberty	Poaceae	Herb	Bena, Kaincha	Leaf	Flower vase, hats, tray, pot, pen stand, boxes	Jajpur, Kendrapara, Cuttack
12	<i>Cocos nucifera</i> L.	Arecaceae	Tree	Nadia	Coir fibre & shell	Coir toys, ropes, door mats, table mats	Puri, Cuttack, Khordha
13	<i>Coix aquatic</i> Roxb.	Poaceae	Herb	-	Seeds & leaf	Chains, mats, baskets	Koraput, Balasore
14	<i>Coix lacryma-jobi</i> L.	Poaceae	Herb	Gargara	Stem, leaf	Mats, baskets, trays, screens	Mayurbhanj, Bargarh, Balangir
15	<i>Corchorus capsularis</i> L.	Malvaceae	Herb	Jhutto	Stem & bark	Ropes, gunny sacs, carpets,	Cuttack, Keonjhar, Dhenkanal
16	<i>Coryphaum brachylifera</i> L.	Arecaceae	Tree	Tala	Leaf	Tala pattachitra	Cuttack, Puri
17	<i>Curcuma longa</i> L.	Zingiberaceae	Herb	Haldi	Rhizome	Natural colour for pattachitra	Kandhamal, Koraput, Nayagarh, Gajapati
18	<i>Cycas revoluta</i> Thunb.	Cycadaceae	Tree	Sago palm	Leaf	Tribal combs	Puri, Mayurbhanj, Malkangiri
19	<i>Cyperus alopecuroides</i> Rottb.	Cyperaceae	Herb	Santara, Hensuati	Leaf	Mats, baskets, rope	Bhadrak, Ganjam, Kalahandi
20	<i>Cyperus corymbosus</i> Rottb.	Cyperaceae	Herb	Sitala	Leaf	Mats	Kendrapara
21	<i>Cyperus imbricatus</i> Retz.	Cyperaceae	Herb	-	Leaf	Mats, bags, baskets	Puri & Cuttack

22	<i>Cyperus pangorei</i> Rottb.	Cyperaceae	Herb	-	Leaf	Mats, baskets	Bhadrak, Ganjam, Kalahandi
23	<i>Dalbergia sissoo</i> Roxb. ex DC.	Fabaceae	Tree	Sisu	Wood	Wooden crafts	Gandhamardan hills of Baragarh
24	<i>Dendrocalamus strictus</i> (Roxb.) Nees.	Poaceae	Tree	Saliabaunsa	Stem	Mats, baskets, furniture	Throughout Odisha
25	<i>Derris trifoliata</i> Lour.	Fabaceae	Climber	Ketia, Swanlata	Leaf & stem	Mats, baskets, tray	Kendrapara, Puri Khordha, Ganjam
26	<i>Diospyros ebenum</i> J.Koenig ex Retz.	Ebenaceae	Tree	-	Wood	Tribal combs	Puri, Angul
27	<i>Diospyros melanoxylon</i> Roxb.	Ebenaceae	Tree	Kendu	Wood	Tribal combs	Sambalpur
28	<i>Elaeocarpus stipularis</i> var. <i>Siamensis</i> (Craib) Coode	Elaeocarpaceae	Tree	Rudraksha	Seed	Rosary beads	Mayurbhanj
29	<i>Eulaliopsis binata</i> (Retz.) C.E. Hubb.	Poaceae	Herb	Sabai	Leaf	Sabai crafts- bags, doormats, teapoys	Mayurbhanj, Balasore
30	<i>Ficus benghalensis</i> L.	Moraceae	Tree	Baro	Bark & ariel roots	Ropes	Throughout Odisha
31	<i>Gmelina arborea</i> Roxb. ex Sm.	Lamiaceae	Tree	Gamhari	Wood	Toys, flower vase, boxes	Bargarh
32	<i>Hibiscus tiliaceus</i> L.	Malvaceae	Shrub	Bania	Bark	Cordage, rope, bags, mats	Kendrapara
33	<i>Kydia calycina</i> Roxb.	Malvaceae	Tree	Kapasias	Bark	Ropes, carpets	Throughout Odisha
34	<i>Myriostachya wightiana</i> (Nees ex Steud.) Hook.f.	Poaceae	Herb	Nalia	Leaf	Mats	Kendrapara, Jagatsinghpur
35	<i>Nelumbo nucifera</i> Gaertn.	Nelumbonaceae	Herb	Padma	Leaf & seed	Leaf plates, rosary beads	Throughout Odisha
36	<i>Oryza sativa</i> L.	Poaceae	Herb	Dhana	Grain & straw	Straw crafts- lamps, wall hangings, paintings	Throughout Odisha
37	<i>Pandanus odorifer</i> (Forssk.) Kuntze	Pandanaceae	Shrub	Kia, Keora	Root & leaf	Mats, bags, baskets	Ganjam, Puri
38	<i>Phaseolus vulgaris</i> L.	Fabaceae	Climber	Bean	Leaf	Tala pattachitra	Puri, Subarnapur, Cuttack
39	<i>Phoenix acaulis</i> Roxb.	Arecaceae	Shrub	Khajuri	Leaf	Mats, brooms	Dhenkanal
40	<i>Phoenix sylvestris</i> (L.) Roxb.	Arecaceae	Tree	Khajuri	Leaf	Brooms, mats	Bhadrak
41	<i>Pterocarpus marsupium</i> Roxb.	Fabaceae	Tree	Piasal	Wood	Toys, boxes, figurines, vase	Balangir
42	<i>Sesamum indicum</i> L.	Pedaliaceae	Herb	Rasi, Tila	Seed	Tala pattachitra	Khordha
43	<i>Shorea robusta</i> C.F. Gaertn.	Dipterocarpaceae	Tree	Sal	Leaf & wood	Wooden toys, leaf cutlery	Mayurbhanj, Balasore
44	<i>Tamarindus indica</i> L.	Fabaceae	Tree	Tentuli	Seed	Pattachitra	Puri, Subarnapur, Cuttack, Khordha
45	<i>Tectona grandis</i> L.f.	Lamiaceae	Tree	Saguan	Wood	Toys, vase	Balangir, Malkangiri, Kalahandi
46	<i>Typha domingensis</i> Pers.	Typhaceae	Herb	Hangla, Paulula	Leaf	Mats, chairs, hats	Throughout Odisha