निदेशक, पारिस्थितिकी एवं पर्यावरण, पटना की अध्यक्षता में गठित समिति द्वारा दिनांक 25.07.2023 को कैमूर जिलान्तर्गत कैमूर वन्यप्राणी आश्रयणी अन्तर्गत स्थित मुंडश्वरी पर्वत हेतु रोपवे (रज्जू पथ) कार्य हेतु वृक्षों के पातन/ पुनर्स्थापन में प्रभावित होने वाले/ Transplant किये जाने वाले/ पातित किये जाने वाले वृक्षों का गणना पत्रक (Tree Protection) के करने में बाधक वृक्षों के विस्थापन/ पुनर्स्थापन/ पातन के संबंध में Online हुई बैठक का कार्यवाही:—

कंमूर जिलान्तर्गत केंमूर वन्धप्राणी आश्रयणी अन्तर्गत स्थित मुंडश्वरी पर्वत हेतु रोपवे (रज्जू पथ) कार्य हेतु वृक्षों के पातन / पुर्नस्थापन में प्रभावित होने वाले वृक्षों के स्थानान्तरण का प्रस्ताव प्रयोक्ता एजेन्सी द्वारा प्राप्त हुआ है। समर्पित प्रस्ताव के आलोंक में वन प्रमंडल पदाधिकारी, कैंमूर वन प्रमंडल, भभुआ द्वारा प्रधान मुख्य वन संस्क्षक (विकास), बिहार, पटना के कार्यालय आदेश संख्या 03 सह पठित ज्ञापांक 673 दिनांक 01.09,2019 द्वारा गठित समिति से निर्णय कराने का अनुरोध किया गया है।

सलग्न प्रस्ताव में कैमूर जिलान्तर्गत कैमूर वन्यप्राणी आश्रयणी अन्तर्गत स्थित मुडण्वरी पर्वत हेतु रोपवे (रज्जू पथ) कार्य हेतु वृक्षों के पातन / पुनर्स्थापन में प्रभावित होने वाले कुल 183 वृक्षों की गणना की गई है, जिसमें 183 वृक्षों का पुनर्स्थापन का प्रस्ताव है, जिसकी विवरणी निम्नवत है:—

St. No.	Location	Tree marked to be translocated	Trees marked to be felled	Trees marked left as it is	Total Trees
1	मुडरवरी देवी मन्दिर (पौरा पहाडी)	183	0	0	183
14	Total:-	183	0	0	183

वन प्रमंडल पदाधिकारी, केंमूर वन प्रमंडल, भमुआ द्वारा समर्पित प्रस्ताव पर समिति द्वारा विचार करते हुए सर्व सम्मति से निर्णय लिया गया कि :--

- प्रयोक्ता एजेन्सी द्वारा 183 जीवित वृक्षों का पुनर्स्थापन स्वयं के व्यय पर चिन्हित स्थल पर किया जायेगा एवं अगले तीन वर्षों तक इसका रख-रखाव कार्य किया जायेगा।
- यन संरक्षण के इस प्रस्ताव में प्रयोक्ता एजेन्सी द्वारा नियमानुसार NPV, क्षतिपूरक वृक्षारोपण, वृक्षों के पुनर्स्थापन पर व्यय एवं काष्ठ हथालन

प्रमंडल पदाधिकारी, कैमूर वन प्रमंडल, भभुआ द्वारा प्राक्कलन प्रयोक्ता एजेन्सी को उपलब्ध कराया जायेगा।

उक्त निर्णय के साथ बैटक की कार्यवाही सधन्यवाद समाप्त की गई।

(चंचल प्रकाशम) वन प्रमंडल पदाधिकारी, कैमूर वन प्रमंडल, भभुआ (संजय प्रकाश) वन संरक्षक, वन्यप्राणी अंचल, पटना

(सुरेन्द्र सिह) निदेशक, पारि. एवं पर्या.

ज्ञापांक:— पारि. एवं पर्या. 05 वि. (बन भूमि अपयोजन, Act. 1980) 10/22— दिनांक:— 9.7/67/96.83

प्रतिलिपि— प्रयोक्ता एजेन्सी की अतिरिक्त प्रति के साथ वन प्रमंडल पदाधिकारी, कैमूर वन प्रमंडल, भभुआ को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। अनुरोध है कि पत्र की प्रति अपने स्तर से प्रयोक्ता एजेंसी को उपलब्ध करा देगें तथा प्रस्ताव की सभी कंडिकाओं पर अनुपालन उच्चस्तरों को उपलब्ध करायेंगे।

निवेशक, पारि. एवं पर्या.

ज्ञापांक:— पारि. एवं पर्या. 05 वि. (वन भूमि अपयोजन, Act, 1980) 10/22— त दिनांक:— 27/67/2023

प्रतिलिपि— वन संरक्षक, वन्यप्राणी अचल, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

निदेशक, पारि. एवं पर्या.

ज्ञापांक:— पारि. एवं पर्या. 05 वि. (वन भूमि अपयोजन, Act, 1980) 10/22— दिनांक:— 27/07/2023

प्रतिलिपि— अपर प्रधान मुख्य वन संरक्षक (कैम्पा)—सह—नोडल पदाधिकारी (वन संरक्षण), बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

निवेशक, पारि एवं पर्या.

Morall



दिनांक 03.09.2021 को कैमूर वन्यप्राणी आश्रयणी अन्तर्गत स्थित मुण्डेश्वरी पर्वत पर "रोपवे" (रज्जू पथ) के निर्माण हेतु पुर्नस्थापित किये जाने वाले वृक्षों की संयुक्त निरिक्षण प्रतिवेदन :-

वरीय परियोजना अभियंता. वि०रा०पु०नि०नि०लि०, आरा द्वारा पूर्व में समर्पित प्रस्ताव का Upper Terminal Point (UTP) पुरातत्व विभाग द्वारा संरक्षित क्षेत्र के बिल्कुल निकट था, जिसे अन्यत्र Shift कर प्रस्ताव पुरातत्व विभाग को भेजा गया है तथा तदनुसार रोपवे का एलाईन्मेट वटा हुक्ल दिया गया है।

2. प्रभावित होने वाले वृक्षों की गणना की गई वृक्षों संख्या 183 पायी गयी है।

ते कि प्रयोक्ता एजेन्सी के अभियंता द्वारा बताया गया कि प्रभावित होने वाले वृक्षों को काटा न्मही जायेगा बल्कि पुर्नस्थापित किया जायेगा।

- 4 प्रयोक्ता एजेन्सी के अभियंता द्वारा बताया गया कि पुर्नस्थापित किये जाने वाले कुल 183 वृक्षों को आश्रयणी के निकट के बिहार सरकार के भूमि पर प्रत्यारोपण किया जायेगा।
- वृक्षों के प्रत्यारोपण पर आने वाले सभी खर्ची का व्यय बिहार राज्य पूल निमार्ण निगम लिमिटेड द्वारा किया जायेगा।
- 6. वरीय परियोजना अभियंता, वि०रा०पु०नि०नि०लि०, आरा द्वारा समर्पित Tree Protection Plan का स्थलीय जाँच किया गया और सही पाया गया।

्टीजमा प्रासाद चौरसिया संजय प्रसाद चौरसिया प्रमण्डलीय अमीन कैमूर वन प्रमण्डल, भभुआ।

संजय कुमार कनिय अभियंता बि०रा०पु०नि०नि०लि०, आरा

215000 actions

अरूण प्रसाद वनों के क्षेत्र पदाधिकारी, भभुआ वन प्रक्षेत्र, भभुआ।

ज्ञापांक:—  $\frac{854}{}$  दिनांक:—  $\frac{14}{}$  / $\frac{5}{}$  /2021 प्रतिलिप :— वन प्रमण्डल पदाधिकारी, कैमूर/वन प्रमण्डल, भमुआ को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

वनों के क्षेत्र पदाधिकारी, मभुआ वन प्रक्षेत्र, भभुआ।



### METHODOLOGY

## METHODOLOGY OF TREE TRANSPLANTATION

Tree transplantation is the latest technology to suite the need to conserve trees. The trees are an important part of our ecosystem, and play a vital role in maintaining the biodiversity of the area. In order to facilitate construction of large scale projects without cutting of trees, this technology has been developed. Since trees have been established for many years, it is not possible to lift a tree overnight.

### The main procedure:

During the process of transplantation we see that the tree responds to a two tier root system and a new system is then gradually encapsulated in a root ball. The entire method is divided into the following steps:

### Initial Preparation

- Preliminary root investigation,
- Health diagnosis of the tree,
- Treating the infected trees

### Soil Sampling, Testing & Site Selection

The condition of the soil where the tree has to be transplanted is thoroughly checked & necessary treatments are applied to the soil after digging a pit. The pit size has to be in accordance with the root ball of the tree. There are great differences in the environmental requirement for each tree. The light conditions, moisture, soil pH, wind exposure & improved drainage should be taken into consideration. All plants require space for root and crown development therefore adequate distance between other plants is necessary.

# Root pruning and initiating fresh root growth

We systematically prune the roots in phases and initiate fresh growth of roots and make the plant adapt itself gradually into a new routine whereby after cutting the roots we treat the cut parts and feed it with alternative methods. It is a gradual process and it takes about 3-4 months to actually pack a tree into a new system of living. Not a single root is left without cutting and initiating fresh growth of roots in a packed system. Since roots are cut in a phased manner labour is required all through this period. Also before initiating root cutting process, we make sure that the tree is not infected and if it is we treat accordingly.

# Tree packing, feeding and monitoring for adaptation

This involves packing of trees, timely feeding of the plant with soluble fertilizers and watering. There has to be regular monitoring regarding fertilizer schedules and the chemicals like insecticides, pesticides during the course for general treatment. Simultaneously we need expert staff to sew packing material properly and tightly according to the root requirement. Now since we have packed the plant in the same environment it needs external support to remain in the same



position without falling down because of wind pressure. Scaffolding is required for about one and a half to three months depending upon the condition of the tree for each transplanted tree to give it external support.

#### Transplantation of trees.

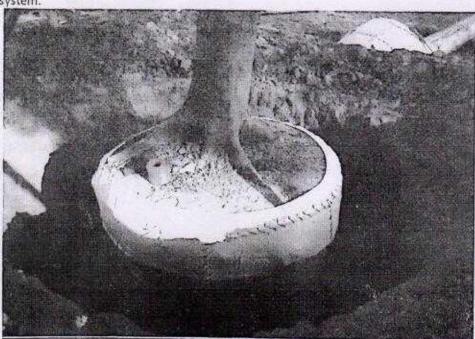
Crane is required to lift the packed tree and usually a trolley or truck is used to transport the tree depending upon its size from its original location to the place where it is to be transplanted. JCB is used for digging pits. Pruning may be required depending upon the size of the root ball, the plant canopy, health of the plant, species transplanted or because of overhead wires and spread of the road while transplantation of the tree. After about 3 months we lift the tree with the help of crane.

#### Mechanical Support & Proning

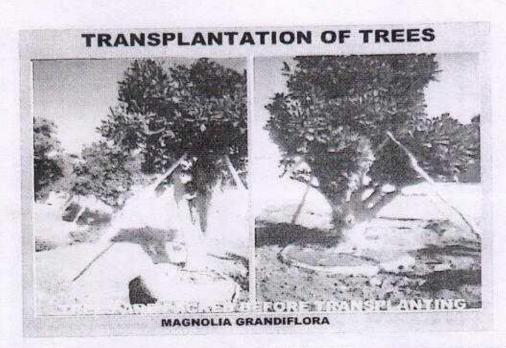
Mechanical support for trees is necessary when the tree is tall, slow to recover & heavily foliaged. Scaffolding is required for about one and a half month for each transplanted tree to give it external support. The support provided to a tree should be removed as soon as the tree can stand alone. It takes about 30 to 45 days in the growing period for the transplanted tree to grow new branches & foliage. The sooner the support will be removed, the faster the tree will become stronger.

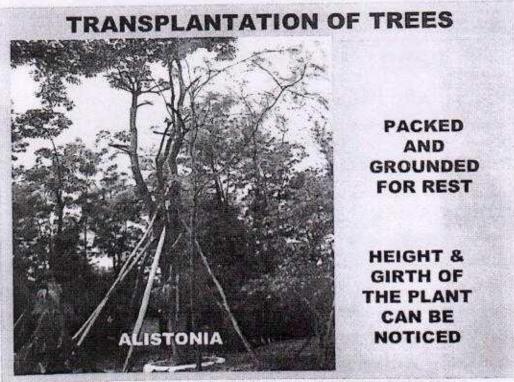
### Post Bradsplantation Treatments

Insect infested stems or those infected with disease should be removed doing transplanting and treatment given. Any broken stems during transplant should be removed cautiously. Sometimes additional pruning may be required to balance the leaf area with the reduced size of root system.



Tree Packing, feeding and monitoring - Packed Gulmohar Tree



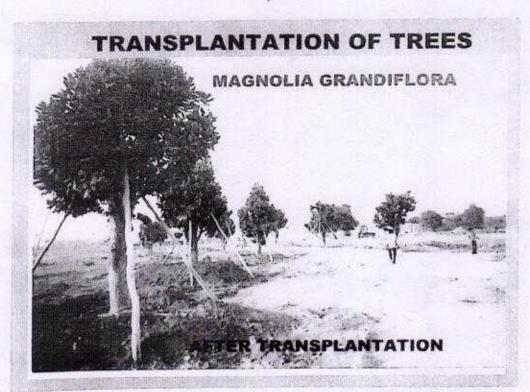


Mechanical support required for alistonia during & after packing





Tree transplantation





We shall take soil samples of the new place where these trees are to be transplanted, other than that we shall look on the levels where these trees are to be placed. These levels should not be low lying as water would clog and make the fresh roots rot during rains. Only if we find near similar conditions we shall transplant them to your designated position or other wise you shall suggest us alternative landmarks. We suggest that transplanted trees should be relocated to nearest positions so that there is no damage to the root system on undulated tracks or it should have a plain track for a longer length for transplantation. It is also requested it should be away from the construction site or should be barricaded properly so that unwanted disturbances do not occur.

After transplantation and even if with good transplantation there are chances of external infections to the tree because of which it needs maintenance for at least 2-3 months. We have to adopt a certain Fertilizing Schedule depending upon the visual condition of a tree.

We have although not checked the water which would be available to us because of which we might have to undertake alkaline/acidic management of root zone conditions.



# कैम्र जिलान्तर्गत मुण्डेजश्वरी पर्वत पर आकाशीय रज्जू पथ के मार्गरेखन में प्रभावित होने वाले वृक्षों की विररणी :-

S.NO	Girth(cm)	Height(cm)	Species	Remarks
1	33.02	609.6	खैर	Proposed for Transplantation*
2	30.48	609.6	खेर	Proposed for Transplantation*
3	30.48	457.2	खैर	Proposed for Transplantation*
4	38.1	609.6	खैर	Proposed for Transplantation*
5	30.48	426.72	खैर	Proposed for Transplantation*
6	33.02	457,2	खैर	Proposed for Transplantation
7	30.48	457.2	खैर	Proposed for Transplantation
8	35.56	426.72	खैर	Proposed for Transplantation*
9	45.72	457.2	नीव	Proposed for Transplantation
10	30.48	509.6	खैर	Proposed for Transplantation
11	35.56	487.68	खैर	Proposed for Transplantation
12	30.48	396.24	कोयी	Proposed for Transplantation
13	35.56	304.8	प्रास	Proposed for Transplantation
14	38.1	609.6	खैर	Proposed for Transplantation
15	35.56	304.8	ब्रजडही	Proposed for Transplantation
16	50.8	605.6	सिध	Proposed for Transplantation
17	53.34	548.64	सिध	Proposed for Transplantation
18	43.18	304.8	कायी	Proposed for Transplantation
19	55.88	426.72	सिध	Proposed for Transplantation
20	35.56	548.64	सिध	Proposed for Transplantation
21	30:48	396.24	कोयी	Proposed for Transplantation
22	33.02	518.16	कोयी	Proposed for Transplantation
23	35.56	457.2	खैर	Proposed for Transplantation
24	38.1	609.5	खैर	Proposed for Transplantation
25	35.56	701.04	खैर	Proposed for Transplantation

S.NO	Girth(cm)	Height(cm)	Species	Remarks	
26	45.72	609.6	खैर	Proposed for Transplantation	
27	50.8	731.52	खैर	Proposed for Transplantation	
28	30.48	365.76	खैर	Proposed for Transplantation	
29	33.02	426.72	कोयी	Proposed for Transplantation	
30	45.72	609.6	कोयी	Proposed for Transplantation	
31	35.56	609.6	खैर	Proposed for Transplantation	
32	33.02	609.6	खैर	Proposed for Transplantation	
33	38.1	609.6	खैर	Proposed for Transplantation	
34	30.48	548.64	खैर	Proposed for Transplantation	
35	30.48	609.6	खैर	Proposed for Transplantation	
36	35.56	609.6	खैर	Proposed for Transplantation	
37	45.72	457.2	खैर	Proposed for Transplantation	
38	30.48	487.68	खैर	Proposed for Transplantation	
39	40.64	548.64	खैर	Proposed for Transplantation	
40	43.18	609.6	खैर	Proposed for Transplantation	
41	50.8	457.2	खैर	Proposed for Transplantation	
42	35.56	609.6	खैर	Proposed for Transplantation	
43	45.72	914.4	अवला	Proposed for Transplantation	
44	35.56	609.6	खैर	Proposed for Transplantation	
45	50.8	426.72	ककुर	Proposed for Transplantation	
46	58.42	365.76	. प्रास	Proposed for Transplantation*	
47	60.96	609.6	सिसम	Proposed for Transplantation	
48	35,56	426.72	सिसम	100000000000000000000000000000000000000	
49	33.02	304.8	खैर	Proposed for Transplantation*  Proposed for Transplantation*	
50	30.48	426.72	खैर	Proposed for Transplantation*	
51	38.1	487.68	सिध	Proposed for Transplantation*	
52	35.56	365.76	सिध	Proposed for Transplantation*	
53	50.8	457.2	सिध	Proposed for Transplantation*	



S.NO	Girth(cm)	Height(cm)	Species	Remarks
54	30.48	304.8	निम	Proposed for Transplantation*
55	45.72	609.6	सिध	Proposed for Transplantation*
56	50.8	762	सिरिस	Proposed for Transplantation*
57	33.02	457.2	रिगध	Proposed for Transplantation*
58	38.1	609.6	सिध	Proposed for Transplantation*
59	40.64	426.72	निम	Proposed for Transplantation*
60	30.48	304.8	सिध	Proposed for Transplantation*
61	60.96	304.8	निम	Proposed for Transplantation*
62	33.02	304.8	खैर	Proposed for Transplantation*
63	45.72	304.8	सिध	Proposed for Transplantation*
64	45.72	365.76	सिध	Proposed for Transplantation*
65	45.72	365.76	निम	Proposed for Transplantation*
66	30.48	152.4	सिंध	Proposed for Transplantation*
67	40.64	426.72	सिध	Proposed for Transplantation*
68	45.72	426.72	मोहलाई	Proposed for Transplantation*
69	35.56	243.84	चिलविल	Proposed for Transplantation*
70	43.18	243.84	मोहलाई	Proposed for Transplantation*
71	50.8	457.2	वामो	Proposed for Transplantation*
72	35.56	457.2	निम	Proposed for Transplantation*
73	35.56	304.8	चिलविल	Proposed for Transplantation*
74	30.48	426.72	चिलविल	Proposed for Transplantation*
75	25.4	457.2	चिलविल	Proposed for Transplantation*
76	35.56	457,2	चिलविल	Proposed for Transplantation*
77	35.56	457.2	चिलविल	Proposed for Transplantation*
78	25.4	457.2	चिलविल	Proposed for Transplantation*
79	33.02	274.32	चिलविल	Proposed for Transplantation*
80	35.56	365.76	चिलविल	Proposed for Transplantation*
81	38.1	304.8	चिलविल	Proposed for Transplantation*



5.NO	Girth(cm)	Height(cm)	Species	Remarks
82	30.48	304.8	चिलविल	Proposed for Transplantation
83	30.48	182.88	निम	Proposed for Transplantation
84	50.8	609.6	चिलविल	Proposed for Transplantation
85	33.02	457.2	चिलविल	Proposed for Transplantation
86	33.02	457.2	चिलविल	Proposed for Transplantation
87	27.94 -	457.2	कोया	Proposed for Transplantation
88	- 60.96	670.56	निम	Proposed for Transplantation
89	35.56	365.76	सिलचरिया	Proposed for Transplantation
90	- 63.5	914.4	सिध	Proposed for Transplantation
91	- 63.5	762	सिध	Proposed for Transplantation*
92	50.8	762	सिध	Proposed for Transplantation*
93	30.48	396.24	सिध	Proposed for Transplantation*
94	43.18	762	सिध	Proposed for Transplantation*
95	40.64	762	सिध	Proposed for Transplantation*
96	30.48	365.76	वजरादा	Proposed for Transplantation*
97	38.1	762	सिध	Proposed for Transplantation*
98	38.1	365.76	सिध	Proposed for Transplantation*
99	45.72	609.6	वोरआ	Proposed for Transplantation*
100	35.56	762	सिध	Proposed for Transplantation*
101	40.64	762	सिंघ	Proposed for Transplantation*
102	43.18	914.4	कोसआ	Proposed for Transplantation*
103	40.64	914.4	सिध	Proposed for Transplantation*
104	40.64	914.4	सिध	Proposed for Transplantation*
105	<b>25.72</b>	640.08	कोटया	Proposed for Transplantation*
106	40.64	609.6	कोटया	Proposed for Transplantation*
107	743.18	609.6	कोटया	Proposed for Transplantation*
108	33.02	487.68	कोटया	Proposed for Transplantation*
109	35.56	609.6	मकारतेन	Proposed for Transplantation*



5.NO	Girth(cm)	Height(cm)	Species	Remarks
110	50.8	762	मकारतेन	Proposed for Transplantation
111	o 132.08	609.6	सलाई	Proposed for Transplantation
112	30.48	243.84	इन्द्रजाव	Proposed for Transplantation*
113	50.8	762	सिंघ	Proposed for Transplantation*
114	38.1	457.2	धव	Proposed for Transplantation*
115	63.5	609.6	धव	Proposed for Transplantation*
116	71.12	762	जिगना	Proposed for Transplantation*
117	35,56	396,24	धव	Proposed for Transplantation*
118	55.88	609.6	धव	Proposed for Transplantation*
119	27.94 -	395.24	धरा	Proposed for Transplantation*
120	27.94	213.36	इन्द्रजव	Proposed for Transplantation*
121	43.18	365.76	किकोर	Proposed for Transplantation*
122	43.18	457.2	धरा	Proposed for Transplantation*
123	30.48	457.2	धरा	Proposed for Transplantation*
124	43.18	457.2	कोया	Proposed for Transplantation*
125	35.56	609.6	घौरा	Proposed for Transplantation*
126	48.26	762	घौरा	Proposed for Transplantation*
127	48.26	609.6	घौरा	Proposed for Transplantation*
128	<b>81.28</b>	762	घौरा	Proposed for Transplantation*
129	30.48	762	जिगना	Proposed for Transplantation*
130 0	96.52	609.6	घौरा	Proposed for Transplantation*
131	43.18	609.6	जिगना	Proposed for Transplantation*
132	40.64	518.16	तेन्दु	Proposed for Transplantation*
133	53.34	609.6	घारा	Proposed for Transplantation*
134	43.18	457.2	धारा	Proposed for Transplantation*
135	40.64	670.56	धारा	Proposed for Transplantation*
136	<b>88.9</b>	762	धारा	Proposed for Transplantation*
137	50.8	609.6	इन्द्रजव	Proposed for Transplantation*



S.NO	Girth(cm)	Height(cm)	Specie	es Remarks
138	48.26	609.6	घौरा	Proposed for Transplantation
139	45.72	548.64	घौरा	Proposed for Transplantation
140	- 81.28	762	घौरा	Proposed for Transplantation
141	40.64	762	घौरा	Proposed for Transplantation*
142	83.82	792.48	करमहार	
143	- 73.66	762	घौरा	Proposed for Transplantation*
144	68.58	762	केकर	Proposed for Transplantation*
145	139.7	914.4	केकर	Proposed for Transplantation*
146	45.72	762	केंकर	Proposed for Transplantation*
147	- 86.36	1066.8	केकर	Proposed for Transplantation*
148	- 66.04	457.2	करमहारा	Proposed for Transplantation*
149	43.18	457.2	केकर	Proposed for Transplantation*
150	- 66.04	509.6	केकर	Proposed for Transplantation*
151	<b>—</b> 76.2	762	घौरा	Proposed for Transplantation*
152	- 66.04	762	धौरा	Proposed for Transplantation*
153	- 66.04	762	घौरा	Proposed for Transplantation*
154	45.72	457.2	घौरा	
155	45.72	609.6	घौरा	Proposed for Transplantation*
156	58.42	914.4	घौरा	Proposed for Transplantation*
157	76.2	1066.8	इन्द्रजव	Proposed for Transplantation*  Proposed for Transplantation*
158	279.4	609.6	सलाई	Proposed for Transplantation*
159	<b>— 71.12</b>	1219.2	विडंमार	Proposed for Transplantation*
160	45.72	914.4	घौरा	Proposed for Transplantation*
161	83.82	1219.2	सलाई	Proposed for Transplantation*
162	<b>86.36</b>	1219.2	करमहारा	Proposed for Transplantation*
163	88.9	1828.8	जिगना	Proposed for Transplantation*
164	40.64	762	धौरा	Proposed for Transplantation*
165	38.1	762	धौरा	Proposed for Transplantation*
166	35.56	762	धौरा	Proposed for Transplantation*
167	45.72	762	धौरा	Proposed for Transplantation*
168	50.8	762	इन्द्रजव	Proposed for Transplantation*
169	35.56	304.8	जिगना	Proposed for Transplantation*
170	40.64	457.2	कोरेया	Proposed for Transplantation*



7s.NO	Girth(cm)	Height(cm)	Species	Remarks	
171	= 66.04	1219.2	घव	Proposed for Transplantation*	
172	43.18	914.4	घव	Proposed for Transplantation*	
173	55.88	1066,8	घव	Proposed for Transplantation*	
174	55.88	1219.2	घव	Proposed for Transplantation*	
175	60.96	1066.8	घव	Proposed for Transplantation*	
176	68.58	1219.2	घव	Proposed for Transplantation*	
177	68.58	1219,2	घच	Proposed for Transplantation*	
178	50.8	1066.8	सिसलि	Proposed for Transplantation*	
179	- 71.12	1219.2	सिसस्य	Proposed for Transplantation*	
180	50.8	1066.8	सिसलि	Proposed for Transplantation*	
181	53.34	1066.8	घव	Proposed for Transplantation*	
182	55.88	762	घव	Proposed for Transplantation	
183	- 60.96	914.4	घव	Proposed for Transplantation*	