

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
225.	<i>Ipomoea heteri- folia</i> L. (Convo- lulaceae)	Panialu	Tanla	Malyagiri (Dhen- kanal)	Tuber	a) Raw tuber eaten. b) Boiled tuber eaten	Improve digestion Clear urination	Brahmam et al., 1996
226.	<i>Ipomoea mauriti- ana</i> Jacq. (Con- volvulaceae)	Bilai- kand	Bhumij, Kol, Munda, Santal	Kolho (Bhadrak)	Root	Powder mixed with cattle feed given to milching cattle.	Increase lactation	Girach et al., 1998
227.	<i>Ipomoea</i> sp. (Convolvulaceae)	Tuitui- srida	Lanjia	(Koraput)	Bark	Applied locally	Boils	Malik, 1998
228.	<i>Ipomoea sepiaria</i> Roxb. (Convol- vulaceae)	Katha- kalame	Santal, Kol, Bhumij, Munda, Bathudi	Palia bindha (Bhadrak)	Whole Plant	Paste applied locally especially among infants	Boils	Girach et al., 1996
229.	<i>Jasminum sambac</i> (L.)Ait. (Oleaceae)	Malli	Oraon	Orampara (Sundar- garh)	Leaf	Leaf coated ventrally with butter kept on eye overnight	Conjuncti- vitis & Stye	Satapathy & Brahmam, 1996
230.	<i>Jatropha curcas</i> L. (Euphor- biaceae)	Lonka- jada	Kondh	Phulbani (Phulbani)	Sap	Water sap oozing out from young cutting twigs and petioles applied locally.	Scabies	Girach, 1992
		Baigaba	-	Kabisur- yanagar (Ganjam)	Latex	Latex from stem and leaf taken orally along with ripe banana once or twice a day by adults	Dysentery	Mohanty et al., 1996
		Baigab	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Leaf, Bark & Roots	Unspecified	Piles, Leprosy & Diarrhoea	Nayak et al., 1998
231.	<i>Jatropha gossypi- folia</i> L. (Eupho- rbiaceae)	Nali Baligaba, Lanka Kala Nali Bondri	-	G.Uda- yagiri (Phulbani)	Stem, Bark	Aqueous extract taken orally twice a day	Blood dysentery	Mohanty et al., 1996
		Bondri	Santal, Kol, Munda, Bhumij & Bathudi	Basantia (Bhadrak)	Plant	Fresh plant applied locally.	Scabies	Girach et al., 1996
		-	Kondh	Rajika- khola,Ne- diguda, Badruguda (Phulbani)	Leaf	Unspecified	Purgative	Dash & Mishra, 1999
232.	<i>Adhatoda vasica</i> Nees (New Name) [= <i>Justicia</i> <i>adhatoda</i> L.] (Acanthaceae)	Basango	Kondh	Kalinga (Phulbani)	Root	Dried root powder (10gm) with 7 black pepper berries given once orally.	Delivery expedition	Girach, 1992
		Basango	Santal, Munda, Bhumij, Kol, Bathudi	Singuda (Bhadrak)	Leaf	Juice used as nasal drops	Bleeding nose in summer	Girach et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
233.	<i>Kalanchoe pinnata</i> (Lamk.) Pers. (Crassulaceae)	Patra- gaja	Kondh	Khajuri- pada (Phulbani)	Leaf	7 nos. boiled in one glass of water till it becomes half. One cup leaf decoction with 3-5 ml honey per dose given twice a day.	Blood dysentery	Girach, 1992
		Ama- ropoi, Hema- kedar	-	Aska, Khalikote (Ganjam)	Leaf	Paste along with 3 black pepper berries taken orally twice a day.	Diarrhoea	Mohanty et al., 1996
234.	<i>Kirganellia reticulata</i> (Poir) Baill. (Euphorbiaceae)	Jhoja- ngi	Kondh	Korda (Phulbani)	Leaf	Paste applied on forehead.	Headache	Girach, 1992
235.	<i>Kydia calycina</i> Roxb.(Malvaceae)	Evak	Bondo	Mululipada (Koraput)	Stem bark	Used as detergent to wash hair.	Haircare	Aminuddin & Girach, 1991
		Kapa	Munda	Sundar- garh (Sundar- garh)	Seed	Ground with 'Kanji' applied locally	Leucode- rma	Satapathy & Brahmam, 1996
236.	<i>Lagenaria siceraria</i> (Mol.) standl. [= <i>Lageneria vul- garis</i> Ser.] (Cucurbitaceae)	Lauki	Santal, Kolha, Bunda, & Bhuian	(Keonjhar), Similipal (Mayur- Bhanj)	Leaf, Pulp	Unspecified	Jaundice & Burning sole	Nayak et al., 1998
237.	<i>Lagerstroemia parviflora</i> Roxb. (Lythraceae)	Senha	Bhunja	Sonabera plateau (Kalahandi)	Leaf	Lukewarm leaves placed on eyelids	Redness o f eye	Aminuddin & Girach, 1993
			Kondh	Rajika- khola Nediguda, Badruguda (Phulbani)	Bark	Unspecified	Wounds	Dash & Mishra, 1999
238.	<i>Lannea coromandelica</i> (Houtt.) Merr. (Anacardiaceae)	Mai, Khond, Gond	Oraon, Munda, Gond, Bhuiyan & Routia	Jamdihi Karmadihi (Sundar- garh)	Bark	Used as astringent	Astringent	Mukherjee & Namhata, 1990
		-	Kondh	Rajika- khola Ne- diguda, Badruguda (Phulbani)	Bark	Unspecified	Dysentery	Dash & Mishra, 1999
239.	<i>Lasia spinosa</i> (L) Thw. (Araceae)	Kanta, Kanda	Kondh	Badojharan (Sambalpur)	Rhi- zome	Cooked and eaten as tonic	Tonic	Brahmam & Saxena, 1990
240.	<i>Launaea acaulis</i> (Roxb.) Babcock ex Craib (Asteraceae)	Balraj Konda	Bhunja	Sonabera plateau (Kalahandi)	Root	Powder (5gm) with honey given thrice a day.	Diabetes	Aminuddin & Girach, 1993
241.	<i>Lawsonia inermis</i> L. (Lythraceae)	Manjuati-		Patrapur (Ganjam)	Root	Root pounded with neem leaf, coconut oil and dried ginger made	Diarrhoea	Mohanty et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
						to paste, dried & made to pills. Administered to babies by grinding with water		
		Chitra- kuta, Manjuati	Gond, Oriya	Hemgiri (Sundar- garh)	Leaf	Fresh leaves (1gm) and 3 black pepper berries made into paste in 50ml cow's milk taken daily for one month	Anaemia, Oedema & Jaundice	Satapathy & Brahmam, 1996
		Manju- ati	Bhumij, Kol, Munda, Santal	Erda (Bhadrak)	Twig	Used as toothbrush	Dental care	Girach et al., 1997
		Mehendi	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Leaf & Bark	Unspecified	Sore throat & Burning sole	Nayak & Girach et al., 1998
242.	<i>Leea compacti- flora</i> Kurz. (Leeaceae)	Hansia- dabar, Chee- lathu	Kondh, Oriya	Junadihi forest (Sam- balpur)	Whole Plant	With root paste applied hot on rheumatic joints. Massage oil also prepared using the whole plant	Rheuma- tism	Brahmam & Saxena, 1990
243.	<i>Leea macrophylla</i> Roxb. ex Horn. (Leeaceae)	Jayandi	Bondo	Khemaguru (Koraput)	Leaf	Used as cattle feed	Food supplement	Aminuddin & Girach, 1991
		Hatikan	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Leaf	Unspecified	Antife- rility	Nayak et al., 1998
244.	<i>Leucas aspera</i> Spreng.(Lamia- ceae)	-	Kondh	Rajika- khola Ne- diguda, Badruguda (Phulbani)	Leaf	Unspecified	Sinusitis	Dash & Mishra, 1999
245.	<i>Leucas indica</i> (L) R.Br. ex Vatke (Lamiaceae)	Gaise	Bhumij, Kol, Munda, Santal	Bhadrak (Bhadrak)	Leaf	Decoction with honey drunk (d.n.s.)	Jaundice	Girach et al., 1997
		Gaichha	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Leaf & Stem	Unspecified	Old sore wounds, nervous disorder	Nayak et al., 1998
246.	<i>Leucas mollissima</i> Wall. ex Benth. Var. <i>scaberula</i> Hook. f. (Lamiaceae)	Punji- sago	Kondh	Harisha- nkar Patther (Bolangir)	Leaf & Twig	Eaten raw	Cough	Brahmam & Saxena, 1990
247.	<i>Leucas plukenetii</i> (Roth.) Spr. (Lamiaceae)	Gaiso	Santal, Bhumij, Kol, Munda & Bathudi	Bhadrak (Bhadrak)	Leaf	a. Juice mixed with honey drunk at bed time b. A handful leaves pounded to- gether with 3 black pepper berries & eaten twice daily.	Anthelmi- ntic Malaria fever	Girach et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
		Gaiso	Bhumij, Kol, Munda, Santal	Jutangad (Bhadrak)	Leaf	Paste applied on effected part.	Antidote to Scor- pion sting	Girach et al., 1997
					Seed	Powder mixed with edible oil applied locally	Ecze- ma	
248.	<i>Leucaena glauca</i> L. (Mimosaceae)	Tentola	Bhumij, Kol, Munda, Santal	Mandari (Bhadrak)	Leaf	Mixed with cattle feed given to cattle	Diarrhoea	Girach et al., 1998
249.	<i>Licuala peltata</i> Roxb.(Arecaceae)	Banotali	Tanla	Malyagiri (Dhen- kanal)	Stem	Pith of basal stem prescribed.	Sexual potency	Brahmam et al., 1996
250.	<i>Limnoria crenulata</i> Roxb. (Rutaceae)	Kum- balli, Biyut	Saora, Kondh	Ladrimi (Ganjam)	Root	Pounded and made into pills, taken orally (d.n.s.)	Bodypain	Jain et al., 1973
251.	<i>Limnophila hete- rophylla</i> (Roxb.) Benth. (Scrophu- lariaceae)	Sugandhi	Munda	Banki (Sundar- garh)	Whole Plant	Poultice (5ml) with cow's urine (1ml) given once a day for 3 days.	Jaundice	Satapathy & Brahmam, 1996
252.	<i>Limnophila rugosa</i> (Roth.) Merr. (Scrophulariaceae)	Bhrin- garaj	Oriya	Budasa- mara pahad (Sambalpur)	Whole Plant	Used in preparation of hair oil. Constant use of this oil consi- dered good for brain and hair growth.	Hair care	Brahmam & Saxena, 1990
253.	<i>Lippia javanica</i> (Burm. f.) Spr. (Verbenaceae)	Nagairi	Bhumij, Kol, Kol, Munda, Santal	Mandarin (Bhadrak)	Whole Plant Leaf	Paste mixed with cow dug applied locally on cattle Juice mixed with butter milk given to domestic animals	Wound Diarrhoea & dysentery	Girach et al., 1998 Girach et al., 1998
254.	<i>Litsea glutinosa</i> (Lour.) Robinson (Lauraceae)	Gobinda	Bhumij, Kol, Munda, Santal	Samanta- pur (Bhadrak)	Leaf	Crushed leaves given with cattle feed	Indigestion	Girach et al., 1998
255.	<i>Ludwigia perennis</i> L. (Onagraceae)	Jalajali, Jalate- ndula	Oriya	Dutipada, Tumudi- bandha (Phulabani)	Leaf	With pomegranate, black berry [<i>Syzgium cumini</i> (L.) Keels] and 'Beal' (<i>Aegle marmelos</i> L.) boiled together and aqueous extract taken twice a day.	Chronic dysentery	Mohanty et al., 1996
256.	<i>Luffa acutangula</i> (L.) Roxb. (Cucurbitaceae)	Pitta- torai	Bhumij, Kol, Munda, Santal	Bindha (Bhadrak)	Seed	Seed oil applied locally.	Skin infection	Girach et al., 1997
257.	<i>Luffa cylindrical</i> (L.) Roem. (Cucurbitaceae)	Tarada	Kisan	Sundargarh (Sunda- rgarh)	Seed	Crushed and paste applied locally	Scabies	Satapathy & Brahmam, 1996
258.	<i>Logodium flexuosum</i> (L.) Sw. (Lygodiaceae)	Indrajali, Dokeri	Oriya, Kondh	Kalinga (Phulbani)	Root	Root (15 gm) with 7 black peppers made into paste and given twice a day for 4 days	Dysmeno- rrhoea	Sahoo & Mudgal, 1995
		Maha- jalo	Tanla	Rohila (Dhen- kanal)	Root	Ground in Mohua (<i>Madhuca indica</i>) or Tilo oil (<i>Guizotia abysinica</i>) applied all over the body of children.	'Kalo Batho' black patches disease	Brahmam et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
259.	<i>Lygodium flex- vorus</i> ? (Lygo- diaceae)	Araibo- ijira	Lanjia	(Koraput)	Root	Crushed & applied	Tooth cavities	Malik, 1998
260.	<i>Madhuca indica</i> Gmel.(Sapotaceae)	Mahula	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Flower, Unspecified Seed		Headache, Constipa- tion, Piles	Nayak et al., 1998
261.	<i>Madhuca longifolia</i> (Koen) Macbride var. <i>latifolia</i> (Roxb.) Chev.(Sapotaceae)	Mohula	Oraon, Munda, Bhuiyan, Gond, Dhanuar Routia Kondh	Bonai, Chandi- posh, Hemagir (Sundar- garh) Rajika- khola Nediguda, Badruguda (Phulbani)	Flower Bark Whole Plant	Decoction for internal use. Decoction for internal use Unspecified	Cough & Bronchitis Pyorrhoea Dysentery	Mukherjee & Namhata, 1990 Dash & Mishra, 1999
262.	<i>Mallotus philipe- nsis</i> (Lamk.) Muell arg. (Euphorbiaceae)	Kamal- gundi	Oraon, Munda, Bhuiyan, Gond, Dhanuar Routia	Dalakudar, Raxi, Champha- gond, jharan, Salikuta (Sundar- garh)	Flower	Decoction used	Anthel- mintic	Mukherjee & Namhata, 1990
263.	<i>Mangifera indica</i> L.(Anacardiaceae)	Uli Amba	Bondo -	Khemu- guru (Koraput) Chikiti (Ganjam) Kondh	Stem, Bark Bark Leaf Bark	Powder given with jaggery once a day Paste with water taken twice a day by both children and adults. Aqueous cold extract of tender leaf taken internally. Unspecified	Abdominal pain Diarrhoea Dysentery Rheum- atism	Aminuddin & Girach, 1991 Mohanty et al., 1996 Dash & Mishra, 1999
264.	<i>Manilkara Zapata</i> (L.) Royen (Sapotaceae)	Sapata	-	Hinjilicut (Ganjam)	Fruit	Unripe fruit paste taken orally thrice a day for 3 days.	Diarrhoea	Mohanty et al., 1996
265.	<i>Marsilea minuta</i> L.(Marsileaceae)	Chhunu chhu- niasaga	Oraon	Orampara (Sundar- garh)	Leaf	a. Fried in cow's butter and eaten b. Juice (5ml) mixed with 20-25 gm of jaggery taken	Slumber induction Dyspepsia & Aneroxia	Satapathy & Brahmam, 1996
266.	<i>Martynia annua</i> L.(Martyniaceae)	Baghn- akha	Santal, Kol, Munda, Bhumij & Bathudi	Agarpada (Bhadrak)	Flower	Paste applied locally.	Skin infection	Girach et al., 1996
267.	<i>Melia azadirachta</i> L. (Meliaceae)	Maha- neem	Santal, Kolha,	(Keonjhar) Similipal	Flower & Fruit	Unspecified	Lice killer, Skin	Nayak et al., 1998

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
			Bunda, & Bhuian	(Mayur- Bathuri bhanj)			disease & Disinfe- ctant	
268.	<i>Mesua ferrea</i> L. (Clusiaceae)	Nages- war	Oriya	Deulatota Gadapur (Phulbani)	Stem	Crushed in water and extract taken twice a day for one week	Leuco- rrhoea	Sahoo & Mudgal, 1995
		Nages- war	Oriya	Sundargarh (Sundar- garh)	Leaf	Juice (10-15ml) with honey, (d.n.s.)	Throat infection & Loss of voice	Satapathy & Brahmam, 1996
269.	<i>Mesua nagassarium</i> (Burm f.) Kost.(Clusiaceae)	Nages- wara or Naga- kedar	-	G. Udaya- giri, Dari- ngibadi (Phulbani)	Bark	Aqueous extract taken orally, (d.n.s.)	Diarrhoea	Mohanty et al., 1996
270.	<i>Milletia auriculata</i> Baker (Fabaceae)	Senag	Bondo	Mudulipada (Koraput)	Root	Powder used as piscide	Piscicide	Aminuddin & Girach, 1991
271.	<i>Mimosa pudica</i> L. (Mimosaceae)	Lajosag	Bondo	Muduli- pada (Koraput)	Stem	3cm long piece of stem tied as amulet on Sunday morning after reciting oracles in the neck of child	Fever	Aminuddin & Girach, 1991
		Lajakuli		Belaguntha (Ganjam)	Root	Pounded with water and liquid paste taken twice a day.	Diarrhoea	Mohanty et al., 1996
		Lajkoli	Santal, Bhumij, Kol, Munda & Bathudi	Gopalma- dhav (Bhadrak)	Leaf	Juice drunk after meals	Burning micturation	Girach et al., 1996
		Lajakuli	Santal, Kolha, Bunda, & Bhuian	(Keonjhar), Similipal (Mayur- Bathuri bhanj)	Root	Unspecified	Dysentery	Nayak et al., 1998
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Root / Under ground parts	Unspecified	Urinary disease	Dash & Mishra, 1999
272.	<i>Mimusops elengi</i> L. (Sapotaceae)	Bakula	Oraon, Munda, Bhuiyan, gond, Dhanuar, Routia	Rajamunda, Biramita- rapur, Jamdihi (Sundar- garh)	Seed, Leachate Bark leachate	Internal use, (d.n.s.) Internal use (d.n.s.)	Consti- pation Diarrhoea	Mukherjee & Namhata, 1990
		Bakula	Khariya	Rajgangpur (Sundar- garh)	Seed	2-3 seeds crushed and given twice a day for 7 days	Urinoge- nital troubles	Satapathy & Brahmam, 1996
273.	<i>Mitracarpus verticillatus</i> (Schum) Vatheke (Rubiaceae)	Gathia- gobi	Kondh	Harish- ankar Patther (Bolangir)	Whole Plant	Paste (10gm) taken orally (d.n.s.) joining of bones believed to take place within 3 days.	Bone fracture	Brahmam & Saxena, 1990

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
274.	<i>Momordica charantia</i> L. (Cucurbitaceae)	Kalara	Santal, Kolha, Bunda, & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Leaf & Fruit	Unspecified	Consti- pation, piles, Burning sole, Jau- ndice, Diabetes	Nayak et al., 1998
275.	<i>Monocharia vaginalis</i> (Burm. f.) Prest.ex Kunth.	-	Santal, Kol, Munda, Bhumij & Bathudi	Garden pur (Bhadrak)	Root	Juice drunk 3 times daily.	Diarrhoea	Girach et al., 1996
276.	<i>Morinda tomentosa</i> Heyne ex Roth. [= <i>Morinda pubescens</i> Sm.] (Rubiaceae)	Achhu	Santal, Bhumij, Kol, Munda & Bathudi	Bhadrak (Bhadrak)	Stem Bark	Powder eaten with honey 2 times daily	Menstrual complaints	Girach et al., 1996
		Achhu	Bhumij, Kol, Munda, Santal	Bhadrak (Bhadrak)	Leaf	Warm juice used as eardrop	Earache	Girach et al., 1997
		Achhu	Bhumij, Kol, Munda, Santal	Chunida (Bhadrak)	Stem bark	Decoction given to domestic animals	Intestinal disease	Girach et al., 1998
277.	<i>Morinda tomentosa</i> Hayne ex Roth (Rubiaceae)	Achhu	Munda	Banaigarh (Sundar- garh)	Leaf	Paste applied externally on neck of cattle	Foot cracks	Satapathy & Brahmam, 1996
278.	<i>Moringa oleifera</i> Lamk. (Moringa- ceae)	Chhuin	Oraon, Munda, Bhuiyan, gond, Routia	Bonai, Karmadihi, (Sundar- Dhanuar,garh)	Bark	Crushed and boiled in mustard oil for use as a balm	Acute traumatic pain	Mukherjee & Namhata, 1990
		Sajana	Santal, Kolha, Bunda, & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Leaf & Fruit	Unspecified	Lowering BP & Diuretic	Nayak et al., 1998
279.	<i>Mucuna nigricans</i> (Lour.) Steudel (Fabaceae)	Bado baidanko	Gond	Harish- ankar Patther (Bolangir)	Seed	Paste used as a local applicant.	Ulcers of genital organs of both sexes	Brahmam & Saxena, 1990
280.	<i>Mucuna prurita</i> Hook. f. (Fabaceae)	Kundung	Bondo	Muduli- pada (Koraput)	Root	Powder (5gm) given once daily with water	Constip- ation	Aminuddin & Girach, 1991
			Kondh	Rajika- khola Nediguda, Badruguda (Phulbani)	Whole Plant	Unspecified	Wormicide	Dash & Mishra, 1999

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
281.	<i>Mucuna pruriens</i> (L.) D.C. (Fabaceae)	Baid- hanka	Gond	Jareikela (Sundar- garh)	Seed	a. Immature seed (4-5) pounded and applied on affected part against honey bee & scorpion bites	Antidote	Satapathy & Brahmam, 1996
				Nuagaon (Sundargarh)	Seed	b. 2-3 seed powder given with honey for 7 days.	Leuco- rrhoea	
		Bidonka	Bhumij, Kol, Munda, Santal	Tagira (Bhadrak)	Root	Powder boiled with water in earthen pot patient advised to cover the body in a bed sheet and inhale vapour.	Bodyache due to cough & cold	Girach et al., 1997
282.	<i>Mucuna utilis</i> (Wall. ex Wt.) Baker (Fabaceae)	Khursar	Bhunja	Sonabera plateau (Kalahandi)	Seed	Consumed as vegetable after cooking	Vitaminous food	Aminuddin & Girach, 1993
283.	<i>Mucurus nivea</i> ? (Fabaceae)	Krush	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Leaf	Unspecified	Snake bite	Nayak et al., 1998
284.	<i>Mukia made- raspatana</i> (L.) Roem. (Cucur- bitaceae)	Kochi- lakhai	Tanla	Malyagiri (Dhen- kanal)	Leaf, Whole Plant	Crushed and applied locally. Powder sprinkled locally.	Wounds	Brahmam et al., 1996
285.	<i>Muraya koenigii</i> (L.) Spreng (Rutaceae)	Mersinga -		Patrapur (Ganjam)	Leaf	Decoction taken orally.	Dysentery	Mohanty et al., 1996
286.	<i>Muraya paniculata</i> (L.) Jack. (Rutaceae)	Kathna- rangi	Oriya	Harish- ankar (Bolangir)	Leaf & Twig	Children given bath with water, boiled earlier with the plant parts.	Stomach ache	Brahmam & Saxena, 1990
		Katna- rang		Jalma- hadev (Sambal- pur)	Twig	Used for hot water bath.	Rheumatism	
		Dhada mahulia	Paudi, Bhuinya	Bonai Hills (Sundargarh)	Leaf	Warm paste applied to knit broken bones treatment repeated every week till result achieved.	Bone fracture	Aminuddin & Girach, 1996
		Konta- kopali	Tanla	Rohila (Dhen- kanal)	Leaf	Decoction of leaves and tender branches (50gm) taken (body pain due to carrying heavy loads).	Body pain	Brahmam et al., 1996
287.	<i>Myrtus communis</i> L. (Myrtaceae)	Bilati mehendi	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Leaf	Unspecified	Cough, Cold & Fever	Nayak et al., 1998
288.	<i>Nelsonia canes- cens</i> (Lamk.) Spreng (Scrophu- lariaceae)	Bador- asana	Oriya	Junadihi (Sambal- pur)	Whole Plant	Paste applied locally	Burning foot soles	Brahmam & Saxena, 1990
		Rasna		Budasam- aro pahad (Sambal- pur)	Root	With equal quantities of Jaiphal (<i>Myristica fragrans</i> Houtt.) and Ashwagandha [<i>Withania somnifera</i> (L.) Dunal.] ground heated in coconut oil and applied around anus.	Expel worms	

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
289.	<i>Nerium indicum</i> Mill. (Apocynaceae)	Dhoba karbir	Santal, Bhumij, Kol, Munda & Bathudi	Paliabindha (Bhadrak)	Floral bud	Vapours from water boiled with the buds along with buds of China rose (<i>Hibiscus rosasinensis</i> L.) exposed to effected parts for 15-10 min every week.	Leprosy	Girach et al., 1996
290.	<i>Nicotiana tabacum</i> L. (Solana- ceae)	Dhingia	Bhunja	Sonabera plateau (Kala- handi)	Leaf	Ash applied locally.	Bleeding of fresh cuts	Aminuddin & Girach, 1993
291.	<i>Nyctanthes arbo- rtristis</i> L. (Oleaceae)	Gotkh- udika Harsi- ngar Ganga- siuli	Bondo Kondh Santal, Kolha, Bunda, Bathuri & Bhuian	Mudulipada (koraput) Gariapara ghat (Phulbani) (Keonjhar) Similipal (Mayur- bhanj)	Leaf Leaf Leaf	Decoction (one teaspoonful) with honey given twice a day for 3 days. 7 leaves boiled in 2 cups of water till it becomes half. 50ml leaf decoction per dose given twice a day for 3 days. Unspecified	Intrmittent fever Malaria Cough, Cold Fever, Malaria	Aminuddin & Girach, 1991 Girach, 1992 Nayak et al., 1998
292.	<i>Ochna obtusata</i> DC. (Ochnaceae)	Bhuich- ampa	Oriya	Kumari- gaon (Phulbani)	Root	Crushed extract given twice a day for 2 days.	Dysmeno- rrhoea	Sahoo & Mudgal, 1995
293.	<i>Ocimum ameri- canum</i> L. (Lamiaceae)	Bantulsi Bantulsi	Santal, Bhumij, Kol, Munda & Bathudi Santal, Kolha, Bunda, Bathuri & Bhuian	Elkhar (Bhadrak) (Keonjhar), Similipal (Mayur- bhanj)	Seed Leaf	Decoction drunk twice daily. Unspecified	Dysentery Parasitical skin diseases	Girach et al., 1996 Nayak et al., 1998
294.	<i>Ocimum basilicum</i> L. (Lamiaceae)	Bantulsi Basana Tulasi	Kondh Santal, Kolha, Bunda, Bathuri & Bhuian	G. Uda- yagiri (Phulbani) (Keonjhar), Similipal (Mayur- bhanj)	Seed Seed, Leaf	5 gm seeds boiled in one glass of water till it becomes half. Decoction used for wash. Unspecified	Eye infla- mmation Nasal disorder, cold cough, Malaria & Ring worm Cough	Girach, 1992 Nayak et al., 1998 Girach et al., 1998
295.	<i>Ocimum canum</i> Sims. (Lamiaceae)	Bantulsi	Bhumij, Kol, Munda, Santal	Bhadrak (Bhadrak)	Whole Plant	Crushed & mixed with fodder grass given to cattle		
296.	<i>Ocimum gratissi- mum</i> L. (Lamiaceae)	Gaya- tulsi	Santal, Bhumij, Kol, Munda & Bathudi	Paliabi- ndha (Bhadrak)	Leaf	A handful leaves together with fresh leaves of <i>Justicia</i> - <i>adhatoda</i> L. & <i>Vitex negundo</i> L. boiled water vapour inhaled	Malaria fever	Girach et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
297.	<i>Ocimum tenuiflorum</i> L.[= <i>Ocimum sanctum</i> L.] (Lamiaceae)	KrushnaTulesi	Santal, Kolha, Bunda, Bathuri &Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Root, Leaf, Flower & Stem	Unspecified	Malaria, Cold, Cough, Mosquito repellent, Scorpion and Snake bite, Ear trouble, Gastric trouble	Nayak et al., 1998
298.	<i>Olax scandens</i> Roxb.(Olacaceae)	Chehna	Paudi, Bhuinya	Bonai hills (Sundar- garh)	Leaf	Prescribed as vegetable	Constipation	Aminuddin & Girach, 1996
299.	<i>Oldenlandia corymbosa</i> L. (Rubiaceae)	Ghara- podia	Munda	Lahuni- pada (Sundar- garh)	Whole Plant	Dry powders of plant (10gm) with tuberous roots of Mutha [<i>Cyperus rotundus</i> (L.) Pers.] 10gm boiled in 100ml water, 20ml of this infusion taken orally.	Diarrhoea	Satapathy & Brahmam, 1996
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Root / Under ground parts	Unspecified	Liver disease	Dash & Mishra, 1999
300.	<i>Oroxylum indicum</i> (L.) Vent. (Bignoniaceae)	Barberi	Saora	(Phulbani)	Bark	Mashed bark applied locally	Scabies	Jain et al., 1973
		Phan- phana	Oraon, Munda, Bhuiyan, Gond, Dhanuar, Routia	Birda (Sundar- garh)	Root Bark	Decoction used (d.n.s.)	Dropsy, Eruptive fever	Mukherjee & Namhata, 1990
		Pham- phana	Oriya	Jalama- hadev (Sambalpur)	Bark	With those of 'Neem' and <i>Entada rheedii?</i> and leaves of 'Prasaruni' (<i>Paederia foetida</i> L.) mixed in equal quantities, powdered and given (20gm) twice a day for 15 days. Along with it fruit paste of 'Garud' (<i>Rademachera xylo- carpa</i> (Roxb.) K. Schum.) applied on wounds).	Leprosy	Brahmam & Saxena, 1990
		Pha- phuni	Kondh	Belghar (Phulbani)	Stem Bark	With equal quantity of mango bark dried and powdered, 6 gm of powdered drug given twice a day for 2-3 days.	Post- delviery pain	Girach, 1992
		Fana- fania		Kalinga, Gocha- pada (Phulbani)	Bark Bark	Ash prepared by burning the bark in Lotus leaf container and covering with clay, taken along with honey. Root bark powder fermented in an air tight vessel for one month, sieve filtered and liquid filtrate	Chronic diarrhoea Blood dysentery	Mohanty et al., 1996 Mohanty et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
						taken with honey or sugar candy thrice a day for 3 days.		
		Phana- phania	Munda	Jareikela (Sundar- garh)	Bark	Decoction (10ml) with little butter given once daily at night for 3 days	Polyuria	Satapathy & Brahmam, 1996
		Pheno- phena	Tanla	Rohila (Dhen- kanal)	Bark	Mixed with honey & taken regularly.	Vitality	Brahmam et al., 1996
301.	<i>Orthosiphon rubi- cundus</i> (D.Don) Benth.(Lamiaceae)	Bhui- mendar	Kondh	Junadihi (Sam- balpur)	Root	With these of 'Sweta madar' [white flowered <i>Calotropis gigantea</i> (L) R. Br.] <i>Croton roxburghii</i> Balak, <i>Zingiber montanum</i> and <i>Tectaria cicu- taria</i> (L.)Copel. taken in equal quantities, powdered and given with cow's milk to women, 10gm twice a day for 7 days after menstruation.	Conception induction	Brahmam & Saxena, 1990
				Jalma- hadev (Samba- lpur)	Root	With roots of <i>Smilax ovalifolia</i> ? <i>Cissampelos pareira</i> L. and few black pepper berries made into paste and given 10 gm twice a day for 3-4 days.	Allay Body head; Check haemorrhage in urine.	
302.	<i>Oxalis corniculata</i> L. (Oxalidaceae)	Ambiliti-		Malagudari, Phulbani (Phulbani)	Leaf	Raw juice taken twice a day for 3 days.	Chronic dysentery Diarrhoea	Mohanty et al., 1996
		Ambiliti	Oraon	Sundargarh (Sundar- garh)	Leaf	Juice mixed with onion juice (1:1) applied locally	Warts	Satapathy & Brahmam, 1996
		Usapl- ang	Lanjia, Saora	(Koraput)	Leaf	Infusion as eye drops.	Itching of eyelids	Malik, 1996
303.	<i>Paederia foetida</i> L. (Rubiaceae)	Pasaruni	Kondh	Baliguda (Phulbani)	Leaf	10-15 leaves cooked in cow ghee given once at bed time	Sleep induction	Girach, 1992
304.	<i>Paederia scandens</i> (Lour) Merr. (Rubiaceae)	Pasaruni, Gandhi	Oriya, Gond	Lephripara (Sundar- garh)	Leaf, Leach- or ate	10ml taken with a little jaggery or honey	Stomach disorder, colic pain, diarrhoea, indigestion, lumbago.	Satapathy & Brahmam, 1996
		Pasaruni	Bhumij, Kol, Munda, Santal	Tillo (Bhadrak)	Root	Chopped root mixed with cattle fedd given to cow	Intestinal disease	Girach et al., 1998
305.	<i>Pandanus fasci- cularis</i> Lamk. (Pandaceae)	Kiya	Bhumij, Kol, Munda, Santal	Palia (Bhadrak)	Leaf base	Mixed with salt and eaten	Cough	Girach et al., 1997
306.	<i>Passiflora foetida</i> L.(Passifloraceae)	Koinch- ikukuda	Tanla	Malyagiri (Dhen- kanal)	Fruit	4-5 nos. ground and given in a single dose.	Stomach- ache	Brahmam et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
307.	<i>Pavetta indica</i> L. (Rubiaceae)	Kukur- chalva	Bhumij, Kol, Munda, Santal	Singuda (Bhadrak)	Leaf	Warm paste applied on boils to remove puls.	Boils	Girach et al., 1997
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Leaf	Unspecified	Skin diseases	Dash & Mishra, 1999
308.	<i>Pavonia odorata</i> Willd.(Malvaceae)	Kuru- mulu	-	Chikiti (Ganjam)	Leaf	Two teaspoonful juice with black peppers taken orally twice a day in empty stomach by babies.	Dysentery	Mohanty et al., 1996
309	<i>Pentanema indi- cum</i> (L.) Ling. (Asteraceae)	Rasna- jadi	Bhunja	Sonabera plateau (Kala- handi)	Root	a. Crushed & given with fodder to cow b. paste applied on wounds to expel worms	Indigestion Wound	Aminuddin & Girach, 1993
310.	<i>Perguleria daemia</i> (Forsk.) Chiov. (Asclepiadaceae)	Utrudi	Bumij, Kol, Munda, Santal	Jalmundua (Bhadrak)	Latex	Mixed with a pinch of salt used as eye wash for domestic cattle	Eye complaints	Girach et al., 1998
		Utrudi	Kondh	Rajika- khola Nediguda, Badruguda (Phulbani)	Leaf Whole Plant	Crushed and mixed with cattle feed given to milching cattle Unspecified	Increase milk yield Toothache	Dash & Mishra, 1999
311.	<i>Phoenix asperu- latus</i> Hutch. (Arecaceae)	Khajuri	-	Patrapur (Ganjam)	Sap	Fresh extract taken before sunrise	Diarrhoea	Mohanty et al., 1996
312.	<i>Emblica officinalis</i> Gaertn. [= <i>Phylla- nthus emblica</i> L.] (Euphorbiaceae)	Aaola	Bhunja	Sonabera plateau (Kalaha- ndi)	Leaf	Two teaspoonful juice take twice a day.	Diarrhoea & Gastric pain	Aminuddin & Girach, 1993
		Anla	Oriya, Kondh	Jhirpani (Phulbani)	Seed	Powder of dry seed taken twice a day for a week.	Leuco- rrhoea	Sahoo & Mudgal, 1995
313.	<i>Phyllanthus frate- rnus</i> Webster (Euphorbiaceae)	Bhuiaola	Kondh	Khajuri- pada (Phulbani)	Fruit	With root of 'Kurai' (<i>Holarrhena pubescens</i> wall. ex G.Don.) and leaves of 'Bhuinim' taken in equal quantities, powdered and made into pea size tablets. One tablet given every night with cow milk for 17 days.	Insomnia	Girach, 1992
		Bhui- anola	-	Dengaosta (Phulbani)	Root	Paste administrated to children (below 2 years) twice a day for 3 days.	Diarrhoea	Mohanty et al., 1996
		Bhuia- nola	Kondh	Rajikakhola Nediguda, Badruguda (Phulbani)	Whole Plant	Unspecified	Jaundice & Liver disease	Dash & Mishra, 1999

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
314.	<i>Piper longum</i> L. (Piperaceae)	Pipal	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Root, leaf, fruit	Unspecified	Piles, Cough Cold, Sound sleep, Hair deve- lopment	Nayak et al., 1998
315.	<i>Plesmonium margaritifera</i> (Roxb.) Schott (Araceae)	Dheu	Kondh	Harisha- nkar (Bolangir)	Tuber	Paste applied locally	Snake bites	Brahmam & Saxena, 1990
316.	<i>Plumbago indica</i> L. (Plumbagina- ceae)	Nali- chitrak	Santal, Bhumij, Kol, Munda & Bathudi	Singuda (Bhadrak)	Root	a. Paste applied locally b. 3-5 cm piece tied as amulet on the wrist	Hydrocele Fever & Pain	Girach et al., 1996
		Nalichi- trak	Bumij, Kol, Munda, Santal	Singuda (Bhadrak)	Root	Paste applied locally	Boils	Girach et al., 1997
317.	<i>Plumbago rosea</i> L. (Plumbagina- ceae)	Rakta- chita	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Root	Unspecified	Hair growth, Antifer- tility	Nayak et al., 1998
318.	<i>Plumbago zeyla- nica</i> L. (Plumba- ginaceae)	Chita- pari, Sitapari Chin- tamula	Soara, Kondh Oriya	Panigunda (Ganjam)	Root	a) Decoction used internally. b) Used as abortifaciant Paste (10gm) in cow's milk given for 7 days.	Appetite promotion Abortion Conception prevention	Jain et al., 1973 Brahmam & Saxena, 1990
		Chitrak	Santal, Bhumij, Kol, Munda & Bathudi	Baljitpada (Bhadrak)	Root	Powder given once daily to pregnant women for 7 days.	Delayed Labour	Girach et al., 1996
		Bana- ganji, Dhola- chita	Tanla	Rohila (Dhen- kanal) Malyagiri (Dhen- kanal)	Whole Plant	50gm boiled in 200ml of water and be taken twice daily.blindness	Night	Brahmam et al., 1996
					Root	Paste applied locally	Bear bites	
		Rakta- chita	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Root	Unspecified	Hair growth, Antife- rtility	Nayak et al., 1998
		-	Kondh	Rajika- khola,Ne- diguda, Badruguda (Phulbani)	Leaf	Unspecified	Snakebite	Dash & Mishra, 1999

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
319.	<i>Pogostemon benghalensis</i> (Burm. f.) Kuntz. (Lamiaceae)	Pukas-unga	Oriya	Harishan- kar (Bolangir)	Plant	Paste (10gm) given orally	Body pain	Brahmam & Saxena, 1990
		Badaga- ndhuri	Paudi, Bhuinya	Bonai Hills (Sundar- garh)	Root	Paste applied on body of children	Fever	Aminuddin & Girach, 1996
320.	<i>Polycarpea aurea</i> Wight. & Arn. (Caryophyllaceae)	Pakhu- nokhuro	Kondh	Harishan- kar, Patthar (Bolangir)	Plant	With Cassia fistula L. flowers and leaves smoke as cigarettes for 21 days by dub people.	Brahmam & Saxena, 1990	stammering
321.	<i>Polycarpaea corymbosa</i> (L.) Lamk. (Caryo- phyllaceae)	-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Leaf	Unspecified	Boils, Inflam- matory swellings	Dash & Mishra, 1999
322.	<i>Polygala arvensis?</i> (Polygalaceae)	-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Root / Under ground parts	Unspecified	Fever	Dash & Mishra, 1999
323.	<i>Millettia pinnata</i> (L.) Pierre. [=Pongamia pinnata (L.) Pierre.](Fabaceae)	Karanja	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Bark, Seed	Unspecified	Bronchitis, Whooping cough, Painful and Rheumatic joints	Nayak et al., 1998
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Whole Plant	Unspecified	Tooth ache	Dash & Mishra, 1999
					Seed	Unspecified	Rheuma- tism	-
324.	<i>Protium serratum</i> (Wall. ex Colebr.) Engl. (Burseraceae)	Murmur	Lanjia	(Koraput)	Bark	Unspecified	Chest pain	Malik, 1998
325.	<i>Psidium guava</i> L. (Myrtaceae)	Paheda	Bhumij, Kol, Munda, Santal	Singuda (Bhadrak)	Leaf	Tender leaves pounded together with <i>Zingiber officinale</i> Rose. & made into pea size pills. One pill with honey taken every morning with a glass of water (kept over night)	Bleeding pile	Girach et al., 1997
		Pijuli	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similipal (Mayur- bhanj)	Root, Leaf	Unspecified	Abdominal pain, Diarrhoea & Vomiting	Nayak et al., 1998
326.	<i>Psychotria adeno- phylla</i> Wall. (Rubiaceae)	Guruba	-	Rohila (Dhen- kanal)	Fruit	Ripen fruits 10-15 nos. given twice a day for 3 days	Healing of wounds due to bear bite.	Brahmam et al., 1996
327.	<i>Pterocarpus mar- supium</i> Roxb. (Fabaceae)	Bija, Piasal	Oraon, Munda, Bhuian,	Fuldhuri, Koira (Sundar-	Leaf, Bark	Crushed and applied Decoction prescribed (d.n.s.)	Diabetes	Mukherjee & Namhata,

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
				gond, garh) Dhanuar, Routia				1990
328.	<i>Pterospermum acerifolium</i> Willd. (Sterculiaceae)	Kanaka champa	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar, Similipal, (Mayur-bhanj))	Flower	Unspecified	Ulcers, Tumours, Leprosy	Nayak et al., 1998
329.	<i>Pterospermum xylocarpum</i> (Gaertn.) Sant & Wagh (Sterculiaceae)	Mach-kund	Oriya	Harishankar patthar (Bolangir)	Bark & Leaf	Decoction of bark (10mg), leaves (5mg) and a few black pepper berries given	Asthma	Brahmam & Saxena, 1990
				Kapildhara Jalmahadev (Sambalpur)	Flower	With Cinnamon bark paste applied on forehead	Headache	
					Flower & Root	Paste (10mg) daily for 3 days	Menstrual disorder	
		Much-kund	Santal, Bhumi, Kol, Munda & Bathudi	Paliabindha (Bhadrak)	Flower Stem bark	Powder eaten (specially in children). Decoction drunk once daily.	Abdominal disorder Menorrhagia	Girach et al., 1996
330.	<i>Punica granatum</i> L. (Punicaceae)	Dalimba -		Digapahandi (Ganjam)	Leaf bud or fruit	Paste along with rice washed water administrated orally along with a minute pinch of opium . half cup taken twice a day.	Diarrhoea	Mohanty et al., 1996
331.	<i>Radermachera xylocarpa</i> (Roxb.) Schum. (Bignoniaceae)	Akash-garud	Kondh	Harishankar Patthar (Bolangir)	Seed	Powder inhaled. (it is believed that snakes don't go near this tree)	Snake bite	Brahmam & Saxena, 1990
		Garud	Oriya	Junadihi (Sambalpur)	Root	Paste applied locally & also given orally in snake bite, cat bite and mad dog bites.	Antidote	
332.	<i>Rauwolfia serpentina</i> (L.) Kurz. (Apocynaceae)	Patalga-ruda	Kondh	Gariapara Ghat (Phulbani)	Fruit	With Pippali and Sunthi in equal quantities powdered 3 gm powder per dose given thrice a day for 3-4 days.	Menstrual irregularities	Girach, 1992
		Patalga-ruda	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar, Similipal, (Mayur-bhanj))	Root	Unspecified	Antidote to snake bite	Nayak et al., 1998
333.	<i>Remusatia vivifera</i> (Roxb.) Schott (Araceae)	Bacchanabhi	Kondh	Patthar, Guptamahadev (Bolangir)	Corm	With equal quantities of root of <i>Leucas</i> sp., <i>Solanum surattense</i> Burm. f., <i>Castor</i> plant and Turmeric made into paste and applied warm locally.	Piles	Brahmam & Saxena, 1990
		Teliakand	Oriya	Nursingh-anath, Patthar (Bolangir)	Corm	With equal quantities of <i>Blechum orientale</i> L. used to prepare massage oil	Rheumatism	
				Harishankar (Bolangir)	Corm	Paste in castor oil applied on swollen rheumatic joints.	Rheumatism	

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
334.	<i>Ricinus communis</i> L. (Euphorbiaceae)	Joda	Kisan	Baragaon (Sundargarh)	Seed, Kemels	5-6 nos. given once in a week for 3 consecutive weeks.	Constipation	Satapathy & Brahman, 1996
335.	<i>Rubia cordifolia</i> L. (Rubiaceae)	Rang- cher	Bondo	Mudulip- ada (Koraput)	Root	a) 5cm piece worn as amulet b) Juice used as nasal drops to keep off evil spirits.	Headache Evil spirits	Aminuddin & Girach, 1991
336.	<i>Saccharum spontaneum</i> L. (Poaceae)	Kuiso	Kondh	G. Uda- yagiri (Phulbani)	Root	Paste from whole root of a plant with 21 black peppers with required quantity of water applied locally	Hydrocele	Girach, 1992
337.	<i>Sapindus trifolius</i> L. [= <i>Sapindus emarginatus</i> Vahl.] (Sapindaceae)	-	Kondh	Rajak- akhola, Nediguda & Badru- guda (Phulbani)	Seed / Fruit	Unspecified	Pain	Dash & Mishra, 1999
338.	<i>Schefflera venulosa</i> (Wight & Arn.) Harms (Araliaceae)	Surungo	Kondh	Harisha- nkar, Patthar (Bolangir)	Bark, Leaf	Paste applied hot on affected part	Swellings	Brahman & Saxena, 1990
339.	<i>Schleichera oleosa</i> (Lour.) Oken. (Sapindaceae)	Bangdru	Lanjia, Saora	Dolijharan (Koraput)	Twig Bark	Boiled in water and the resultant water bath is undertaken.	Rheuma- tism	Malik, 1996
		Rajku- sumo	Tanla	Rohila (Dhen- kanal)	Fruit	Boiled in water and given orally Given orally.	Malaria Appetite promotion	Brahman et al., 1996
340.	<i>Scindapsus officinalis</i> (Roxb.) Schort. (Araceae)	-	Bhumij, Kol, Munda, Santal	Gardanpur (Bhadrak)	Fruit	Powder mixed with edible oil applied locally to expel warts in cattle.	Wound	Girach et al., 1998
		Kuan- kadali	Tanla	Malyagiri (Dhen- kanal)	Fruit	a) Grinded and given to cattle for 'Bento disease' (throat swelling, turning red inside and unable to swallow anything including water). b) With peppers prescribed to human beings	Bengo disease Throat infection	Brahman et al., 1996
341.	<i>Scripus articulatus</i> L. (Cyperaceae)	Gaichira	Bhumij, Kol, Munda, Santal	Sasang (Bhadrak)	Whole Plant	Prescribed as cattle feed for milching cattle	Increase lactation	Girach et al., 1998
342.	<i>Scleria terrestris</i> (L.) Fassett . (Cyperaceae)	Churia, Jhurian	Kondh	Andharipur (Sambalpur), Harisha- nkar (Bolangir)	Root	Paste (15gm) with sugar candy taken orally.	Body heat allay	Brahman & Saxena, 1990
			Jalmaha- dev (Sam- balpur)	Rhi- zome	Past (15-20) given once daily for 3 days.	Spermato- rrhoea		

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
343.	<i>Scoparia dulcis</i> L. (Scrophulariaceae)	Chirarita	Kondh	Watijharan (Samba- lpur)	Whole Plant	Paste applied on fore head.	Headache	Brahmam & Saxena, 1990
		Bana- ganjei, Saruk- ucha	Oriya, Kondh	Mandakia (Phulbani)	Aerial Part	Crushed and aqueous extract given twice a day for 5 days.	Spermato- rrhoea	Sahoo & Mudgal, 1995
		Methi	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similpal (Mayur- bhanj)	Whole Plant	Unspecified	Epirhasis	Nayak et al., 1998
344.	<i>Scurrula parasitica</i> L. (Loranthaceae)	Dhatki madang	Kondh	Junadihi (Samba- lpur)	Whole Plant	Paste (10-15gm) with sugar candy given to women after 3 months of pregnancy for 15-20 days.	Longing for Male child	Brahmam & Saxena 1990
345.	<i>Sebastiana cha- melea</i> (L.) Mull. Arg. (Euph- orbiaceae)	Anjid- ray	Lanjia, Saora	(Koraput)	Bark	Boiled in water used locally.	Syphilis	Malik, 1996
346.	<i>Semecarpus aba- carduyn</i> ? (Anacardiaceae)	Balava	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Smilipal (Mayur- bhanj)	Seed	Unspecified	Wound & Heart disease	Nayak et al., 1998
347.	<i>Semecarpus ana- cardium</i> L.f. (Anacardiaceae)	Bhalia	Kondh	Dhulsi (Phulbani)	Root	Dry powder (10mg) boiled in 200ml water till it becomes half. 100ml decoction given once every morning for 5 days.	Eczema	Girach, 1992
		Bhalua	Bhunja	Sonabera Plateau (Kala- handi)	Seed	Seed oil employed as lubricant and applied externally	Cuts / Sprains	Aminuddin & Girach, 1993
			Kondh	Rajaka- khola, Nediguda & Badru- guda (Phulbani)	Seed / Fruit	Unspecified	Foot and mouth disease in cattle	Dash & Mishra, 1999
348.	<i>Sesamum indicum</i> L. [= <i>Sesamum orientale</i> L.] (Pedaliaceae)	Rasi	Munda	Nuagaon (Sundar- garh)	Seed	5gm seeds along with seeds of <i>Tribullus terrestris</i> (1:1) boiled in 150ml goat milks & given with honey to males.	Induction of sexual vigour	Satapathy & rahmam, 1996
349.	<i>Shorea robusta</i> Gaertn. f. (Dipte- rocarpaceae)	Sal	Kondh	Kotagarh (Phulbani)	Stem Bark	Locally application	Healing of cut wounds	Girach, 1992
		Sal	Bhunja	Sonabera Plateau (Kalah- andi)	Twig Resin	Used as tooth brush Applied locally	Dental protection & Itch	Aminuddin & Girach, 1993
		Sal	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similipal (Mayur- bhanj)	Resin	Unspecified	Chest pain	Nayak et al., 1998

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
350.	<i>Sida cordata</i> (Burm.f.) Borss. (Malvaceae)	Biskha- puri, Punga- chita Biscapi	Oriya, Kondh	Jamugurha, Belghar (Phulbani)	Root	With those of <i>Celastrus panicu- latus</i> Willd. (2:1) pounded together, taken twice a day for one month	Amenorr- hoea	Sahoo & Mudgal, 1995
			Tanla	Rohila (Dhen- kanal)	Leaf	Paste applied locally.	Wound of bear attack	Brahmam et al., 1996
351.	<i>Sida cordifolia</i> L. (Malvaceae)	Panga- sirea -	Saora Kondh	(Phulbani)	Leaf & Root	Mashed and applied locally to ripen and open them	Boils	Jain et al., 1973
				Rajika- khola, Ne- diguda & Badruguda (Phulbani)	Whole Plant	Unspecified	Swelling / Fracture	Dash & Mishra, 1999
352.	<i>Sida rhombifolia</i> L. (Malvaceae)	Bajra- muli	Bondo	Khema- guru (Koraput)	Leaf	Crushed and applied locally	Cuts & Wound	Aminuddin & Girach, 1991
		Chitiki	Kondh	Khajuri- pada (Phulbani)	Fruit	Paste applied on forehead	Headache	Girach, 1992
		Chitki	Bhunja	Sonabera Plateau (Kala- handi)	Twig	Used as toothbrush.	Strengthen gum	Aminuddin & Girach, 1993
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulabani)	Root / Under ground parts	Unspecified	Bile trouble in children	Dash & Mishra, 1999
353.	<i>Smilax wightii</i> DC. (Smilacaceae)	Ramda- tun	Bhunja	Sonabera Plateau (Kala- handi)	Stem	Used as toothbrush also to produce fire by friction)	Dental care	Aminuddin & Girach, 1993
354.	<i>Smilax zeylanica</i> L. (Smilacaceae)	Mumb- arai	Bondo	Mudulip- ada (Koraput)	Twig	Used as toothbrush.	Dental care	Aminuddin & Girach, 1991
355.	<i>Solanum indicum</i> L. (Solanaceae)	Titguna	Kondh	Belghar (Phulbani)	Fruit	3-5 gm powder pulp given once at bed time	Expel worms	Girach, 1992
356.	<i>Solanum nigrum</i> L.- (Solanaceae)	-	Kondh	Rajika- khola, Ne- diguda, Badruguda (Phulabani)	Leaf	Unspecified	Constipa- tion	Dash & Mishra, 1999
357.	<i>Solanum surattense</i> Burm. f. (Solana- ceae)	Bheri	Bhunja	Sonabera plateau (Kala- handi)	Fruit	Pulp paste applied locally	Skin infection	Aminuddin & Girach, 1993
		Akranti	Bhumij, Kol, Munda, Santal	Bhadrak (Bhadrak)	Fruit	Powder boiled in mustard oil and cooled applied on foot during winter	Skin eruptions	Girach et al., 1997
		-	Kondh	Rajika- khola, Nediguda,	Seed / Fruit	Unspecified	Toothache	Dash & Mishra, 1999

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
358.	<i>Solanum trilobatum</i> L. (Solana- ceae)	Bheji- bengan	Santal, Bhumij, Kol, Munda & Bathudi	Badruguda (Phulabani) Haripur (Bhadrak)	Root	Decoction given twice daily to children (5-8 years)	Whooping cough	Girach et al., 1996
359.	<i>Solanum torvum</i> Swartz (Solana- ceae)	Pagoka, Saora Nulu- dioti		Simulbari, Phulabani (Phulbani)	Root	Mashed in tamarind water and given orally.	Antidote to Jain et al., poisoning	1973
360.	<i>Solanum viarum</i> Dunab. (Solana- ceae)	Denga- bheji	-	Kalinga (Phulbani)	Leaf, Root	Juice taken orally twice a day for 3 days.	Dysentery	Mohanty et al., 1996
361.	<i>Solanum virginia-</i> <i>num</i> L. (Solana- ceae)	Ankra- nti, Bijibi- gano	Tanla	Ektali (Dhen- kanal)	Seed	Pounded and smoked usually by wrapping in Sal (<i>Shorea robusta</i> Gaertn. f.) leaves.	Toothache	Brahmam et al., 1996
362.	<i>Solanum surattense</i> Burm. f. [= <i>Sola-</i> <i>num xanthocar-</i> <i>pum</i> Sch. & Wendl.] (Solanaceae)	Akranti Trum- oing	Kondh Lanjia	Khajuri- pada (Phulbani) (Koraput)	Fruit Bark	Pulp placed in dental cavity. Boiled with other herbs & applied over displaced bone	Toothache Bone setting	Girach, 1992 Malik, 1998
363.	<i>Soymida febrifuga</i> A. Juss. (Meliaceae)	Sunis	Lanjia	(Koraput)	Bark	Powder applied locally.	Wound	Malik, 1996
364.	<i>Spermadictyon</i> <i>suaveolens</i> Roxb. (Rubiaceae)	Triba- son	Oriya	Pathar (Bolangir)	Root	Root (25gm) and 4 black peppers ground in cow's milk and paste given to women on empty stomach once daily for 7 days after menstruation.	Conception prevention	Brahmam & Saxena, 1990
365.	<i>Sphaeranthus</i> <i>indicus</i> L. (Asteraceae)	Koirab	Bondo	Muduli- pada (Koraput)	Seed- ing	Used as vegetable	Vitaminous food	Aminuddin & Girach, 1991
366.	<i>Spondias pinnata</i> (L.f.) Kurz. (Anacardiaceae)	Ambada –		Phulbani (Phulbani)	Root	Dried root powdered with 5 black pepper berries. 3 gm per dose given twice a day for 3 days	Blood dysentery	Girach, 1992
367.	<i>Stephania japo-</i> <i>nica</i> (Thunb) Miers. (Menispe- rmaceae)	Akalandi	Santal, Bhumij, Kol, Munda & Bathudi	Tagira (Bhadrak)	Leaf	Crushed leaves applied to fish sting	Dysentery	Mohanty et al., 1996
		Aka- landi	Bhumij, Kol, Munda, Santal	Tagira (Bhadrak)	Leaf	Juice applied on forehead	Headache	Girach et al., 1997

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
368.	<i>Sterculia urens</i> Roxb. (Sterculi- aceae)	Girun- gila, Girdhini Bhuiyan, (Sundar- gond, Dhanuar, Routia	Oraon, Munda	Sarafgarh, Vedvyas (Sundar- garh)	Gum	Given with sugar candy.	Diarrhoe & Dysp- epsia	Mukherjee & Mamhata, 1990
369.	<i>Strebulus asper</i> Lour. (Moraceae)	Sahada	Oriya	Takalm- endi, Pasora (Phulabani)	Stem, Bark	With root bark of <i>Holarrhena</i> <i>antidysenterica</i> (L.) Wall. ex DC, 2:1 crushed together and aqueous extract thus obtai- ned given twice a day for one month.	Leuco- rrhoea	Sahoo & Mudgal, 1995
		Sahada	Kisan	Gurudia (Sundar- garh)	Leaf	Dried with goat dung ash (1:1) powdered, mixed with castor oil and applied locally.	Eczema & Ringworm	Satapathy & Brahmam, 1996
					Seed	Pounded in cow urine and applied locally	Leucoder- ma	Mohanty et al., 1996
370.	<i>Strychnos nox- vomica</i> L. (Loganiaceae)	Kochila -		Digapaha- ndi (Ganjam)	Bark	a. macerated with lemon juice made into pills taken orally.	Acute diarrhoea	Malik, 1996
		Khara Saora	Lanjia, Kisan	(Koraput)	Bark	b. mixed with Neem bark given orally.	Dysentery	Malik, 1996
		Pitaphal, Kochila	Kisan, Oriya	Baragaon (Sunda- garh)	Leaf Leach- ate	Soft young leaves used for fomentation of joints.	Arthritis & Rheuma- tism	Satapathy & Brahmam, 1996
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulabani)	Seed / Fruit	Unspecified	Piles	Dash & Mishra, 1999
371.	<i>Symplocos race- mosa</i> Wt. (Sym- plocaceae)	Ludho	Oraon, Munda, Bhuiyan, gond, Dhanuar Routia	Gopalpur, Nuamundi, Koira (Sundar- garh)	Bark, Lea- chate Bark	Sieved and locally used as drops. A pinch of powder used in soft drinks	Conjuncti- vitis Dysentery & Bowel complaints	Mukherjee & Mamhata, 1990
		Nudho	Tanla	Malyagiri (Dhen- kanal)	Bark	Placed in water overnight, this water is used to clean eyes, 4-5 times a day.	Soared eye	Brahmam et al., 1996
372.	<i>Symphorema polyandrum</i> Wight. ang (Symphorema- taceae)	Badich-	Oriya	Guptama- hadev (Samba- lpur)	Seed	Powdered with black peppers and snuffed	Snake bite	Brhmam & Saxena, 1990
				Harisha- nkar (Bolangiri)	Root	Powder snuffed and paste applied on forehead	Snake bite	
				Nrusingh- anath (Bolangir)	Root, Seed	Root (10gm) and seeds (7 Nos.) made into paste with 7 black pepper berries and given in one dose for snake bite, cat bite, made dog bite and mosquito bite.	Antidote for poisoning	

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
373.	<i>Syzygium cumini</i> (L.) Skeels (Myrtaceae)	Jamp- attar	Bhunja	Sonabera plateau (Kalahandi)	Leaf	Paste applied on forehead.	Eye redness	Aminuddin & Girach, 1993
		Jamu	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similpal (Mayurbhanj)	Leaf, stem, seed	Unspecified	Diabetes, Diarrhoea, Cold, Toothache, Bleeding gums	Nayak et al., 1998
		-	Kondh	Rajakakhola, Nediguda, Badruguda (Phulabani)	Bark	Unspecified	Food poisoning, Snake bite	Dash & Mishra, 1999
374.	<i>Syzygium heyneanum</i> (Duthie) Gamble (Myrtaceae)	Turija- mun	Paudi, Bhuinya	Bonai Hills (Sundargarh)	Twig	Used as toothbrush	Dental care	Aminuddin & Girach, 1996
375.	<i>Syzygium operculatum</i> (Roxb.) Nied (Myrtaceae)	Paija- mun	Paudi, Bhuinya	Bonai Hills (Sundargarh)	Stem, Bark	Decoction prescribed to wash wounds as an antiseptic	Antiseptic	Aminuddin & Girach, 1996
376.	<i>Tadehaqi triquetrum</i> (L.) Ohashe (Fabaceae)	Dhuaj- abhango	Kondh	Phulabani (Phulbani)	Root	Paste applied on penis	Strengthening of Potency from weak sex	Girach, 1992
377	<i>Tagetes erecta</i> L. (Asteraceae)	Gendu	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similpal (Mayurbhanj)	Leaf	Unspecified	Cold, Bronchitis, Kidney trouble, Eye disease	Nayak et al., 1998
378.	<i>Tamarindus indica</i> L. (Caesalpiniaceae)	Tentuli	Kondh	G. Udayagiri (Phulbani)	Leaf	Decoction (100ml) with misri given twice a day	Bodyache	Girach, 1992
		Tentuli	-	Patrapur (Ganjam)	Leaf	Tender leaf paste taken directly.	Dysentery	Mohanty et al, 1996
					Flower	Dried flower powder taken orally with sugar.	Blood dysentery	
		Koinya	Bhumij, Kol, Munda, Santal	Gopalma-hadev (Bhadrak)	Twig	Used as toothbrush to remove bad breath.	Dental care	Girach et al., 1997
		-	Kondh	Rajakakhola, Nediguda, Badruguda (Phulabani)	Whole Plant	Unspecified	Injuries	Dash & Mishra, 1999
379.	<i>Tectaria cicutaria</i> (L.) Copel. (?)	Raktam- ahajal	Oriya	Harishankar Patthar	Rhizome	Rhizome (10gm) and 7 black peppers made into paste I cow's milk and given once daily.	Tonic, Blood purifier & Blood	Brahmam & Saxena, 1990

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
				Nursin- ghanath, Patthar (Bolangir)	Rhi- zome	paste (10gm) with that of <i>Zingiber montanu</i> and root of <i>Croton roxburghii</i> Balak in equal quantities made into paste given .	dysentery Menstrual trouble	
380.	<i>Tectona grandis</i> L.f. (Verbenaceae)	Shaguan	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar) Similpal (Mayur- bhanj)	Wood	Unspecified	Leucor- rhoea & Body heat Headache	Nayak et al., 1998
381.	<i>Tephrosia purpurea</i> (L.) Pers. (Fabaceae)	Aurda- ida, Pang- hapairi Peng- alpar	Saora, Kondh	Ldrimi (Ganjam)	Root	a) Paste applied on belly b) Chewed	Dyspepsia Colic pain	Jain et al., 1973
		Badak- ulthia	Tanla	Malayagiri (Dhen- kanal)	Root	About 10cm root crushed, juice given in a single dose (double dose believed to have laxative effect)	Dyspepsia	Brahmam et al., 1996
		-	Kondh	Rajaika- khola, Nediguda, Badruguda (Phulabani)	Leaf Seed/ Fruits	Paste ground with turmeric (1:1) Boil applied locally Unspecified	Toothache	Dash & Mishra, 1999
382.	<i>Terminalia arjuna</i> (DC) Wt. & Arn. (Combretaceae)	Arjuna	Oriya	Banaigarh (Sundar- garh)	Bark	Decoction(10ml) given with cow's milk twice a day	Chest pain & Heart palpitatio	Satapathy & Brahmam, 1996
		Arjuna	Bhumij, Kol, Munda, Santal	Kurkura (Bhadrak)	Stem Bark	Infusion used to cleanse infected wounds of farm animals	Disinfe- ctant	Girach et al., 1998
383.	<i>Terminalia bellerica</i> (Gaertn.) Roxb. (Combretaceae)	Bahada	-	Bhanja- nagar (Ganjam)	Fruit	Powder prepared by burning the fruit, taken with rock salt.	Diarrhoea	Mohanty et al., 1996
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulbani)	Seeds/ Fruits	Unspecified	Cold, constipation & Acidity	Dash & Mishra, 1999
384.	<i>Terminalia chebula</i> Retz. (Combre- taceae)	Harada	Kondh	Dhulsi (Phula- bani)	Stem & Bark	Decoction used to wash wounds.	Disinfe- ctant	Girach, 1992
		Harida	-	Tumudi- bandha,	Peri- carp	Paste taken along with curd.	Diarrhoea	Mohanty et al, 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
				Tikabali				
			Santal, Kolha, Bunda, Bathuri & Bhuiyan	(Keonjhar), Similpal (Mayur bhanj)	Fruit	Unspecified	Teeth bleeding, Skin disease	Nayak et al., 1998
385.	<i>Themeda triandra</i> Forssk. (Poaceae)	Tondi- ghaso, Sialna- ngudi	Tanla	Kuludi (Dhen- kanal) Leaf	Inflorescence	Burnt and ash obtained applied twice a day for 4-5 days.	Wounds from bear attack/bite	Brahmam, et al., 1996
386.	<i>Thespesia lampas</i> (Cav.) Dalz. (Malvaceae)	Badki- thoka	Bhunja	Sonabera plateau (Kala- handi)	Twig	Paste applied on fresh wounds. Used as tooth brush to remove bad breath	Dental care	Aminuddin & Girach, 1993
387.	<i>Thespesia populnea</i> (L.) Sol. ex Corren. (Malvaceae)	Utal- kamal	Santal, Bhumij, Kol, Munda & Bathudi	Basantia (Bhadrak)	Root Twig	Powder (5gm) given twice a day with a pinch of salt. Paste applied locally. Used as tooth brush	Boils Dental Care	Girach et al., 1996
388.	<i>Tinospora cordifolia</i> (Willd.) Hook f. (Menispermaceae)	Guluchi	Oriya	Dudsi Belghar (Phulabani)	Whole Plant	Aqueous extract given once a day with honey for a week.	Sperma- torrhoea	Sahoo & Mudgal, 1995
389.	<i>Trichosanthes bracteata</i> (Lam.) Voigt. (Cucurbitaceae)	Maha- kal	Munda	Rajgangpur (Sundar- garh)	Fruit pulp	(10gm) dried fruit pulp boiled in 20ml of sesam oil used as ear drop	Ear infection	Satapathy & Brahmam, 1996
390.	<i>Trichosanthes cucumerina</i> L. (Cucurbitaceae)	Banp- otal	Oriya	Patthar (Bolangir)	Root	With that 'Tejraj' (<i>Cyanoglossum glochidiatum</i> Wall. ex Benth.) powdered in equal proportions and given (10gm) drop.	Impotency	Brahmam & Saxena, 1990
391.	<i>Trichosanthes dioica</i> Roxb. (Cucurbitaceae)	Potal	Santal, Kolha, Bunda, Bathuri & Bhuiyan	(Keonjhar), Similpal (Mayur- bhanj)	Leaf	Unspecified	Fever	Nayak et al., 1998
392.	<i>Trichodesma indicum</i> R. Br. (Boraginaceae)	Hatta- mudia	Kondh	Dhulsi (Phula bani)	Root	Paste applied superficially.	Skin injuries	Girach, 1992
393.	<i>Tridax procumbans</i> L. (Asteraceae)	Resa	Bondo	Muduli- pada (Koraput)	Leaf	Paste applied locally	Burns	Aminuddin & Girach, 1991
		Bisha- lkarani	Kondh	Korda (Phulbani)	Leaf	Crushed and applied on cuts	Check bleeding	
		Bisha- lkarani	Kondh	Korda (Phulbani)	Root	Powder prepared in castor oil (<i>Ricinus communis</i> L.) in 1:5 by weight, applied locally.	Rheum- atism	Girach, 1992
		Bisal- yakarini	-	Jilundi (Ganjam)	Whole Plant	Paste taken orally.	Diarrhoea	Mohanty et al., 1996

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
		Vishal- karani	Santal, Bhumij, (Bhadrak) Kol, Munda & Bathudi	Bhadrak	Flower	Smelling of crushed flowers	Cold	Girach et al., 1996
		Tudu- ngjing	Lanjia	(Koraput)	Leaf	Warm juice used as eardrop.	Earache	Malik, 1998
		-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulabani)	Whole Plant	Unspecified	Antiseptic	Dash & Mishra, 1999
394.	<i>Tribulus terrestris</i> L. (Zygophy- llaceae)	-	Kondh	Rajika- khola, Nediguda, Badruguda (Phulabani)	Leaf	Unspecified	Bodyache	Dash &Mishra, 1999
395.	<i>Tylophora fasi- culatas</i> Buch. Ham. ex. Wight. (Asclepiadaceae)	Bishnu- jadi, Kulna- jadi, Pangla- jadi	Gond, Kondh	Harisha- nkar, Patthar (Bolangir)	Root	Paste (10gm) given in one dose	Fever & Body pain	Brahmam & Saxena, 1990
396.	<i>Uvaria rufescens</i> (DC.) Schindl (Fabaceae)	Salpheni	Kondh	Andhari- pur, Hari- shankar (Bolangir)	Whole Plant	Decoction (15 gm) given thrice a day.	Bile trouble & acidity	Brahmam & Saxena, 1990
397.	<i>Uvaria hamiltonia</i> Hook.f. & Thoms (Anonaceae)	Lonka- noi, Ma- nkdo- phalo	Tanla	Rohila (Dhen- kanal)	Leaf, Unripe fruit	Crushed and applied locally.	Scratches cused by monkeys	Brahmam et al., 1996
398.	<i>Valeriana jatama- nsi</i> Jones (Valeriaceae)	Amru- tjata	-	Khajuri- pada, Chari- chaka (Phulbani)	Leaf	Juice taken orally with honey and also administrated to children	Diarrhoea	Mohanty et al., 1996
399.	<i>Vallis solanacea</i> (Roth.) O. Kuntz. (Apocynaceae)	Dudhia- bela	Santal, Kolha, Bunda, Bathuri & Bhuan	(Keonjhar), Simlipal (Mayur- bhanj)	Latex	Unspecified	Gum trouble	Nayak et al., 1998
400.	<i>Vanda tassellate</i> (Roxb.) Hook.f. ex G. Don. (Orchideaceae)	Khur- gasar	Bondo	Muduli- pada (Koraput)	Leaf	Juice extracted in oil used as ear drop	Earache	Aminuddin & Girach, 1991
					Whole Plant	Fractured bone properly set with bamboo strips and plaste- red with plant paste and tied by cloth for 15 days.	Bone fracture	
		Rasna	Kondh	Jarda (Phulabani)	Leaf	Paste prepared in 'Saroson oil' applied for rheumatic pain.	Rheuma- tism	Girach, 1992
		-	Kondh	Rajika- khola,	Whole Plant	Unspecified	Otitis	Dash & Mishra,

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
				Nediguda, Badruguda (Phulabani)				1999
		Kusu- ma ma- lang	Tanla	Malyagiri (Dhen- kanal)	Stem, Leaf	Powder (10gm) taken with half a glass of hot water.	Stomach disorder	Brahmam et al., 1996
401.	<i>Vernonia squarrosa</i> (G.Don.) Less. (Asteraceae)	Bannasi	Paudi, Bhuinya	Bonai Hills (Sunda- rgarh)	Seed	Powder (5gm) for internal use	Diarrhoea	Aminuddin & Girach, 1996
402.	<i>Ventilago denticu- late</i> Willd. (Rhamnaceae)	Nahal beli	Tanla	Malyagiri (Dhen- kanal)	Leaf, Flower bud	Crushed and applied locally.	Acute headache	Brahmam et al., 1996
403.	<i>Vicoa auriculata</i> (?) (Asteraceae)	Rumu- tintar	Lanjia	(Koraput)	Root	Unspecified	Abortion	Malik, 1998
404	<i>Vicoa indica</i> (L.) DC. (Asteraceae)	Themsi- bilans	Bondo	Muduli- pada (Koraput)	Root	Fresh root chewed	Abdominal pain	Aminuddin & Girach, 1992
		Sabli	Kondh	Belghar (Phulbani)	Root	10gm root boiled in 100ml water till it becomes one fifth. 2 teaspoonful decoction given once a day to children.	Fever	Girach, 1992
		Omku- msa darh	Lanjia, Saora	(Koraput)	Root	Unspecified	Cough	Mallik, 1996
405.	<i>Viscum orientalis</i> Willd. (Loran- thaceae)	Madang	Kondh	Harisha- nkar, nkar, Patthar (Bolangir) (Koraput)	Whole Plant	With few black peppers made into paste in cow's milk a given (10gm) once daily for 3-4 days	Blood dysentery	Brahmam & Saxena, 1990
406.	<i>Vitex neounda</i> (?) (Verbanaceae)	Singani	Lanjia	(Koraput)	Leaf	Boiled in water and used for sponging the effected part.	Aches	Malik, 1998
407	<i>Vitex negundo</i> L. (Verbanaceae)	Begunia	Kondh	Khajuri- pada (Phulbani)	Leaf	50gm with equal quantities of Justicia adhatoda L. leaves boiled in 500ml water till it becomes one fifth. 100ml decoction given once a day for 3 days	Body ache	Girach, 1992
		Begna	Paudi, Bhuinya	Bonai Hills (Sundar- garh)	Stem	Juice mixed with honey taken in desired quantities	Indigestion	Aminuddin & Girach, 1996
		Begunia	Gond	Hemgir (Sundar- garh)	Leaf	Vapour generated by boiling leaves with water in a closed earthen vessel inhaled through mouth.	Cough & Asthma	Satapathy & Brahmam, 1996
		Beng- unia	Santal, Kolha, Similpal Bunda, Bathuri & Bhuan	(Keonjhar), (Mayur- bhanj)	Leaf	Unspecified	Headache, Swelling, Pain & Rheum- atism	Nayak et al., 1998
		-	Kondh	Rajika- khola,	Root / Under	Unspecified	Fever &	Dash & Mishra,

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
				Nediguda, ground Badruguda parts (Phulabani)			Tootache	1999
408.	<i>Vitex peduncularis</i> Wall. (Verbanaceae)	Chadei- gudi	Oraon, Munda, gond, Dhanuar, Routia	Sarafgarh (Sundar- Bhuiyan, garh)	Bark	Decoction obtained by boiling in water and straining, served hot (like tea)	Malaria	Mukherjee & Namhata, 1990
409.	<i>Wendlandia heynei</i> (Roem. & Sch.) Sant. Tilai & Merch (Rubiaceae)	Tilai	Kondh	Jalmahadev (Samba- lpur)	Root	Root (15 gm) and 3 black pepper berries made into paste and given once daily for 3 days after menses.	Conception prevention & (birth control)	Brahmam & Saxena, 1990
410.	<i>Woodfordia fructicosa</i> (L.) Kurz. (Lythraceae)	Dhating Paudi,	Bhuinya	Bonai Hills (Sundar- garh)	Root	Powder (5 gm) given twice daily	Cough	Aminuddin & Girach, 1991
			Kondh	Rajika- khola, Nediguda, Badruguda (Phulabani)	Whole Plant	Unspecified	Unconsciousness	Dash & Mishra, 1999
411.	<i>Wrightia arborea</i> (Dennst.) Mabb. (Apocynaceae)	Palaku- runa, Phou- kuruni	Tanla	Malyagiri (Dhen- kanal)	Seed	Paste applied on body for 3-4 days	Itching & Eczema	Brahmam et al., 1996
412.	<i>Wrightia tinctoria</i> (Roxb.) R. Br. (Apocynaceae)	Setkure, Dhub- akure	Kondh, Oriya, Gonda	Harish- ankar (Bolangir)	Bark, Root, Fruit	Ground in equal proportions and paste (10 gm) given twice a day to nursing mother to expel thread worms from breast fed infants. Grew up children being given this paste directly	Expel thread worms	Brahmam & Saxena, 1990
413.	<i>Xanthium strumarium</i> L. (Asteraceae)	Agira	Santal, Kolha, Bunda, Bathuri & Bhuiyan	Keonjhar), Similipal (Mayur- bhanj)	Seed	Unspecified	CNS, Depressant Diuretic sedative	Nayak et al., 1998
414.	<i>Xeromphis spinosa</i> (Thumb.) Keay. (Rubiaceae)	Mohana, Salara	Oraon, Munda, gond, Dhanuar, Routia	Kunchpani (Sundar- Bhuiyan, garh)	Leaf Bark	Dried leaves are used as vegetable Decoction internally & apply externally on temple to ameliorate fever & head ache. It also has sedative and carminative action.	Dyspepsia Fever / Headache	Mukherjee & Namhata, 1990
415.	<i>Xylia xylocarpa</i> (Roxb.) Taub. (Mimosaceae)	Kongada	Tanla	Malayagiri (Dhen- kanal)	Seed	Fried and given to children	Polyuria	Brahmam et al., 1996
416.	<i>Zanthoxylum budrunga</i> Wall. (Rutaceae)	Kuil	Kondh, Saora	Ramagiri, Tardsingi (Ganjam)	Twig Leaf Bark	Decoction taken, (d.n.s.) A piece placed on tongue	Fever Salivation promotion	Jain et al., 1973 Brahmam & Saxena 1990

Table 1: Contd....

S. No.	Botanical Name & (Family)	Vema- cular	Tribe	Locality (District)	Part used	Local Therapeutic preparation with dosage (if any)	Remedy	Reference
417.	<i>Zingiber capitatum</i> Roxb. (Zingibera- ceae)	Bhuta- nasan	Oriya	Nursing- nath, Patthar (Bolangir)	Rhi- zome	With those of <i>Tectaria cicutaria</i> ? ground in equal proportions and given (10 gm) (d.n.s.)	Menstrual troubles	Brahmam & Saxena, 1990
418.	<i>Zingiber monta- num</i> (Koenig) Link ex A. Dietrich (Zingib- earceae)	Bhuta- nasan	Oriya	Budasama- ropahad (Sam- balpur)	Rhi- zome	With tuber of <i>Pueraria tuberosa</i> (Roxb.) DC boiled in caster oil this oil used for massage	Rheuma- tism	Mohanty et al., 1996
419.	<i>Ziziphus mauritiana</i> Lamk. (Rhamnaceae)	Barakoli	—	Mujagada (Ganjam)	Fruit	a) Pulp along with curd, pomegranate juice and till oil taken orally. b) Unspecified	Blood dysentery	Nayak et al., 1998
		Barakoli	Santal, Kolha, Bunda, Bathuri & Bhuian	(Keonjhar), Similpal (Mayur- Bhanj)			Nausea, vomiting, Pain killer at time of pregnancy	
420.	<i>Zizyphus rugosa</i> Lamk. (Rhamna- ceae)	Kant- aikuli	Oraon, Munda, Bhuiyan, gond, Dhanuar, Routia	Ghoghar Chenga- Bhuiyan, pahar, Hemgiri (Sundar- garh)	Bark	Powdered and applied with ghee to heal, toothache spongy gum and ulcers in mouth.	Dental care	Mukherjee & Namhat, 1990
421.	<i>Zizyphus xylo- carpus</i> (Retz.) Willd. (Rham- naceae)	Kirat	Lanjia, Saora	(Koraput)	Bark & Leaf	Powdered and paste applied externally	Chest pain in chough	Malik, 1996

descending order is Phulbani and Boudh -164, Sundergarh -107, Bhadrak - 83, Keonjhar and Mayurbhanj - 82 each, Koraput-75, Bolangir - 65, Dhenkanal - 53, Ganjam - 42, Sambalpur - 40 and Kalahandi - 30. Out of the 24 tribes focussed in this review work, Kondh tribe reported 175 times, Santal -166, Munda -122, Oriya -106, Bhumij and Kol - 87 times each, Kolha, Bunda, Bathuri and Bhuian - 82 times each, Tanla - 53, Bondo - 43, Oraon - 42 and others are less than 40 times with minimum report from Khariya - 3 times.

The various plant parts about 27, used for various diseases by tribal people, out of which leaf as a source is reported for maximum times i.e. 212, root -210, stem bark, whole stem, stem sap, bark leachate - 89+43+3+3=138, whole plant - 77, seed - 68, fruit - 53, flower - 27, latex -25, rhizome - 21 and other plant parts with minor use.

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KEY WORDS Orissa State (India). Ethno-medicinal Informations. 27 Plant Parts. 24 Tribes. 166 Diseases. Cross Cultural Significance.

ABSTRACT The review reports Ethnomedicinal use of 421 number of plants by 24 tribal communities of Orissa state, living in 11 undivided districts. This covers the use of plants for about 166 diseases. The plants so far reported are, 67 for diarrhoea; 50 for dysentery; 30 for rheumatism; 26 for fever; 24 for skin infection; 21 for cough and cold; 21 for toothache; 20 for headache; 19 as antidote for poisoning; 14 for bleeding piles; 14 for leucorrhoea; 13 for eye complaints; 12 for malaria are significant. Orissa being a diarrhoea dominated state as reported earlier also tops in ethnomedicinal exploration from diarrhoeal point of view. Interestingly plants are reported more than 7 times by different tribal communities for various diseases; but with a common utility against diarrhoea. Among the districts, the reports are from Phulbani and Boudh of 164 plants; Sundargarh 107; Bhadrak 83; Keonjhar and Mayurbhanj 82 each; Koraput 75; Bolangir 65; Dhenkanal 53; Ganjam 42; Sambalpur 40 and Kalahandi 30 in descending order. Among the tribals, the Kondh tribe is reported for 175 times; Santal 166; Munda 122; Oriya 106; Bhuinya and Kol 87 times each;

Kolha, Bunda, Bathuri and Bhuian 82 times each; Tanla 53; Bondo 43; Oraon 42 and all other tribes less than 40 times with minimum report from Khariya 3 times. The medicinal values extracted from leaf are 212 times; root 210; stem bark/ whole stem/ stem sap/ bark leachate 138; whole plant 77; seed 68; fruit 53; flower 27; latex 25; rhizome 21 and other plant parts with minor use. 27 different plant parts are used by the tribes as reported. The plants like *Abrus precatorius*, *Achyranthes aspera*, *Alstonia scholaris*, *Andrographis paniculata*, *Asparagus racemosus*, *Barleria prionitis*, *Calotropis gigantea*, *Careya arborea*, *Cissampelos pareira*, *Cuscuta reflexa*, *Datura metel*, *Elephantopus scaber*, *Hemidesmus indicus* and *Ficus benghalensis* are significant from cross cultural point of view.

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