CHAPTER-V



RESULTS ETHONOBOTANICAL USAGE OF BODO AND RABHA COMMUNITY OF UDALGURI DISTRICT

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5.1 BODO AND RABHA PEOPLE OF UDALGURI DISTRICT

Bodos and Rabhas are the scheduled tribe of India. The Bodos and the Rabhas people are the mainly inhabitant tribes of Assam. As the community they have their own languages including their cultural heritage, tradition, customs and festivals to represent themselves and culturally they are rich community.

The Bodos and the Rabhas are the major tribe inhabiting in Udalguri district. Since Bodo's and Rabha's are living around the forest and nature; they have some traditional beliefs and knowledge in plants and forests. Perhaps the availability and richness of forests and plants of the areas where they inhabit may be the important reasons how they get influence with plants and forests in their life. The scientific documentation of the plant species which are used in their life will definitely give encouragement to the tribal community. The preservation of their indigenous knowledge with plant and forest may be important tools for conservation of these plant species.

As per the 2001 census, among the scheduled tribes (STs), in the Assam the major populated Scheduled Tribe Community is Bodo

Table 6: Population	of Bodo and Rabha	a in Assam (acco	ording to 2001 census)

Sl. No	Name of the STs	Total population	Proportion to the
51. 100			total ST population
1.	Bodo	13,52,771	84.0%
2.	Rabha	2,77,517	40.9%

Secondary source

The percentage of population of Udalguri district, viz. Bodo (81.75%) and Rabha (11.55%) as per 2001 census.

5.2 INFORMATION RECORDED DURING PERIOD

The present study was carried out among the Bodo's and the Rabha's tribes inhabiting in Udalguri district, BTAD Assam, India. During the field survey, some monocot plants and plants parts utilized by Bodo and Rabha tribes are recorded. Udalguri district is regarded as a resourceful Monocot plants, include resources are food and vegetable plants, medicinal plants or drug yielding plants, food adjuncts, beverages and plants of miscellaneous uses. The information regarding the utility of different Monocot plants in different purpose was collected from elderly person, medicine men and religious headman. Data was collected by questionnaire, interviews and discussion method among local headman in their local language. Information collected in different parts of popular traditional herbal medicine practitioners of Bodo and Rabha of Udalguri district are viz., Mr. Lahit Mochahari (55 yrs.), Mrs. Purnimai Daimari (52 yrs.), Mr. Ratna Daimari (50 yrs.), Mr. Kharab Daimari (75 yrs.), Mr. Robi Daimari (68 yrs.), Mr. Magon Basumatari (90 yrs.), Mr. Martin Basumatari (60 yrs.), Mrs. Ranjita Basumatari (62 yrs.), Ms. Jayanti Daimari (55 yrs.), Mr. Darendra Basumatari (66 yrs.), Mr. Philip Swargiary (68 yrs.) and his wife. Mr. Chandra Daimari (82 yrs.). Mrs. Amti Rabha (70 yrs.), Mr. Hayantha Rabha (51 yrs.), Mr, Queen Rabha (91 yrs.), Mr. Sukra Rabha (48 yrs.), Mr. Mangal Rabha, Mr. Jaynath Rabha, Mr. Roma Rabha, Mr. Prasit Rabha, Mr. Ananta Rabha, etc.

PROFORMA

A sample questionnaire adapted version from Jain (1987)

Serial No.:
Voucher Specimen Ref. No.:
Recorded by:
Date:
Remarks:

0.1. Proforma for background information:

- 0.1.1. Village:
- 0.1.2. Sub-Division:
- 0.1.3. District:
- 0.1.4. Altitude:
- 0.1.5. Area of the Village:
- 0.1.6. Population:
- 0.1.7. Ethnic group:
- 0.1.8. Religion:
- 0.1.9. Literacy:
- 0.1.10. Language spoken:
- 0.1.11. Occupation:
- 0.1.12. Economic status:
- 0.1.13. Rainfall, humidity, temperature, soil conditions etc.:
- 0.1.14. Area under forest and nature of forest:
- 0.1.15. Farming and Agriculture:

0.2. Proforma for information to be collected in the field:

- 0.2.1. Collection No.:
- 0.2.2. Date of collection:
- 0.2.3. Place of collection:
- 0.2.4. The collected specimen is wild or cultivated:
- 0.2.5. Name of the informant:
- 0.2.6. Community:
- 0.2.7. Clan:
- 0.2.8. Age:
- 0.2.9. Sex:
- 0.2.10. Language spoken:
- 0.2.11. Field of expertise:

0.3. Proforma for information to be collected about the plant and its usage:

- 0.3.1. Name:
- 0.3.2. Address:

- 0.3.3. Occupation:
- 0.3.4. Date: Collection no.:
- 0.3.5. Taxon:Family:
- 0.3.6. Local name: (specify language):
- 0.3.7. Locality (specify): Habit: Monocot:
- 0.3.8. Height:
- 0.3.9. Bark character:
- 0.3.10. Smell:
- 0.3.11. Latex : present:Absent:
- 0.3.12. Colour:
- 0.3.13. Parts used in medicine:

Root:Stem:.....Twig:Bark:Fruit:Seed:

Shoot: Leaves:Flower:

0.3.14. How a plant parts used:

Fresh: Dried: Boiled:

- 0.3.15. Other plant added to it:
- 0.3.16. Method (S) of preparation for use:

Powdered:Extracted with cold water:....

With the hot Water:Boiled:Any other:

- 0.3.17. Mode of administration:
- 0.3.18. Doses:

0.3.19. Any other contact or information:

- 0.4. Pharmacology as practiced by them:
- **0.5.** Belief and superstition:
- 0.6. Reasons for declining of ethno medicine in the area:

Place: Date: Name of the informant: Signature:

GLIMPSES OF THE FIELD WORK OF ETHNOBOTANY OF BODO AND RABHA COMMUNITY OF UDALGURI DISTRICT







A. B. C. Medicine Man : Informant, D. Medicine Man,E. Informant, F. Medicine Woman



 A. Elder Man of the village, B. C. Medicine Man discussion about his
 Medicinal plants, D. Informants about Medicinal plants, F. Interpreters and Medicine woman collecting Medicinal plants.



A. Medicine Man with his dried medicine, B. Prepared herbal medicine,
C. Medicine Man collecting medicinal plants, D. Medicine Man: Informant,
E. Dried Medicinal plants, F. Medicine Woman, G. H. Interpreters.



A. Informant, B. C. Medicine Man, D. E. F. Medicine Man collecting medicinal plants in his garden, G. H. Rabha Women with Traditional Attire.



A. B. C. D. Ethno veterinary or Ethno livestocks



A. B. C. D. E. F. G. H. Utilisation of bamboo in different purposes by Bodo and Rabha community of Udalguri district



A Bodo Girl with Traditional Attire



A Rabha girl with Traditional Attire

5.3 MONOCOT PLANTS USED BY BODO AND RABHA PEOPLE OF UDALGURI DISTRICT

1. Edible plants: Several plant parts of Monocot plants like leaves, shoot, tuber, rhizome, culm, flower, fruit, seed, etc. are consumed by Bodo and Rabha community inhabiting both urban and rural area of greater Udalguri district are given below:

i. Leaves and Shoot: The leaves and shoots of most of the species like *Allium cepa* L, *Allium sativum* L., *Colocasia esculenta* (L.) Schott, *Lasia spinosa* Thw. and *Bambusa tulda* Roxb. are cooked and consumed as leafy vegetables.

ii. Tubers: The tubers of *Dioscorea alata* L., *Dioscorea bulbifera* L., *Dioscorea esculenta* (Lour) Burkill., *Alocasia acuminata* Schott., *Alocasia cuculata* (Lour.) G. Don, *Alocasia odora* (Roxb.) K. Koch., *Amorphophallus bulbifera* (Schott.) Bl. are cooked as vegetables due to rich in starch.

iii. Flowers: The flowers of *Musa balbisiana* Colla., *Monochoria hastata* (L.) Solms., *Monochoria vaginalis* L., *Colocasia esculenta* (L.) Schott a cooked with small fishes by adding rice powder named "Ondla" a special curry by Bodo people. Rabha people also cooked as vegetables.

iv. Fruits: The ripe fruits of *Ananas comosus* (L.) Merr., *Musa assamica* G. Mann., *Musa balbisiana* Colla., *Musa champa* Hort., *Musa chinensis* Sweet., *Musa sapientum* L. are consumed raw, but the young green fruit of *Musa paradisiacal* L. is cooked as vegetable as a source of iron element content. The fruit of *Cocos nucifera* L. and *Phoenix dactylifera* L. are consumed as raw.

v. Seeds or Grains: The grain of *Eleusine coracana* Gaertn., locally made wine called 'jwo', by the Bodo people. The seeds of grass species viz. *Oryza officinalis* Wall. and *Setaria glauca* (L.) P. Beauv., were consumed as rice in past by the Bodo and Rabha tribes in the region.

2. Dye yielding plants: The rhizome of *Curcuma longa* L. was traditionally used for dying yarns and garments by Bodo and Rabha women since long time.

3. Narcotics and masticatories: The fruit of *Areca catechu* L. is chewed both raw and dried after meal traditionally by Bodo and Rabha people.

4. Plants as firewood: Specially culms of all bamboo species and species of family Arecaceae are utilized as fire wood by poor people of the region.

5. Aromatic plants: The various plant parts like leaves of *Cymbopogon nardus* (L.) Rendle; rhizome of *Acorus calamus* L. and *Curcuma amada* Roxb.; leaves and rhizome of *Zingiber officinale* Roscoe are used as flavouring agent in various dishes due to presence of aroma by the Bodo and Rabha people.

6. Spices and condiments: The leaves and bulbs of *Allium cepa* L., *Allium sativum* L., leaves and rhizomes of *Zingiber officinale* Roscoe; dried rhizome powder of *Curcuma longa* L.; dried seeds of *Amomum aromaticum* Roxb. and *Elettaria cardamomum* (L.) Maton are used as spices and condiment with fish and crabs frequently by the Bodo and Rabha people.

7. Green manure producing plants: A few delicate aquatic Monocot plant species viz. *Pistia stratiotes* L., *Najas minor* All., *Eichhornia crassipes* (Mart.) Solms, *Ottelia alismoides* (L.) Pers. are used as manure after their decomposition in their agricultural field.

8. Fodder plants: Grasses and sedges from the family Cyperaceae and Poaceae are used as fodder plant for domestic animals in the area. Aroids species like *Colocasia esculenta* (L.) Schott, *Alocasia odora* (Roxb.) K. Koch., etc. are used as fodder plant specially for pig. The fronds of *Lemna perpusilla* Torrey., *Spirodela polyrrhiza* (L.) Schleid., *Wolffia arrhiza* (L.) Hook *ex* Wimm. are used to feed duck.

9. House making and other house-hold uses: The culm of *Bamboo spp*. and *Calamus spp*. are utilized by Bodo and Rabha people for making different kinds of furniture, mat, basket, fishing equipment, agricultural equipment, weaving equipment, fencing and wall of houses, etc. the leaves of *Imperata cylindrica* (L.) Raeusch. and culm of *Phragmites karka* Trin. *ex* Steud. are utilized as house roof

thatching. Small and straight culm of *Bambusa pallida* Munro is used to make a "flute", (Sifung-Bd.) and (Thorkha-Bd.) are traditional musical instrument of Bodo and Rabha people during Rongali Bihu. Leaves of *Cocos nucifera* L. and *Phoenix dactylifera* L. are used as mate, wall, gate, basket, etc.

10. Oil yielding: Oil yielding plants like *Cocos nucifera* L., *Cymbopogon nardus*(L.) Rendle and *Oryza sativa* L. are also used by fermentation.

11. Rope making: Stem of *Alpinia nigra* (Gaertn.) Burtt.; fruit bark of *Cocos nucifera* L.; leaves of *Typha angustata* Bory & Chaub. used as rope for tie bundles of fire wood, particularly harvesting time of rice plant and so on.

12. Ritual activities: The present study could document 11 Monocot plant species from 6 families which are associated with the socio-cultural and religious beliefs among the Bodo and Rabha tribe of Udalguri district.

Sl. No.	Scientific Name (Bd. and Rh. Name)	Family	Ritual Uses
1.	Allium sativum L. [BdSambram-Gufur] [As. and RhNohoru]	Liliaceae	 4-5 cloves mixed with the leaf of <i>Ocimum</i> <i>sanctum</i> L. is used to drive away the evil spirits by Bodo and Rabha peoples.
2.	<i>Alpinia nigra</i> (Gaertn.) Burtt. [BdTharai] [As. and RhBogitora]	Zingiberaceae	Leaves are used to traditional packaging materials "Gwkha- gwkhwi", a kind of social prepared during 'Bwisagu', The

Table 7: List of Monocot plant species used in ritual activities by Bodo andRabha people

			Assam's new year by
			Bodo people.
			Young leaves are used
			to preparation of
	Ananas comosus (L.) Merr.		'Amao', the startle cake
3.	[BdRaimali]	Bromeliaceae	for 'jwo', a kind of rice
	[As. and RhAnaros]		beer which is cultural
			and social drinks of
			Bodo's.
			It is considered as holy
	Areca catechu L.		fruits by Bodo and
4.	[BdGoi]	Arecaceae	Rabha tribes and used
	[As. and RhTamul]		to offered to God's and
			Goddesses.
			Bamboo plant has
			relation from birth to
			death of Bodo and
			Rabha people. Sharp
	Bambusa tulda Roxb.		bamboo flat blade like
5.	[BdOwa]	Poaceae	stick is used to cut the
	[As. and RhBah]		navel (nari-Bd.) of new
			born baby. This
			bamboo is used strictly
			to carry the death soul
			by bamboo carrier.
			The rhizome extract is
	Curcuma longa L.		used to bathing before
6.	[BdHaldwi]	Zingiberaceae	doing any sacred work.
	[As. and RhHalodi]		It is seen among the
			Bodo and Rabha

			people.
			It is considered as holy
	Cocos nucifera L.		fruit and used to
7.	[Bd., As. and RhNarikol]	Arecaceae	offered to God's and
			Goddess by Bodo and
			Rabha people.
			Young shoots and
			leaves are used in
	Colocasia esculenta (L.)		preparation of
8.	Schott	Araceae	fermenting fish known
0.	[BdThaso Gwswm]	Araceae	as "Napham," which is
	[As. and RhKosu kola]		a traditional heritage
			and social dish of
			Bodo.
			Twigs are used to
	Cynodon dactylon (L.) Pers.	Poaceae	sprinkle holy water
9.	[BdDubrihagra]		over (Dai Santi) during
	[As. and RhDuburi Bon]		worship by the Bodo
			and Rabha people.
-	Musa balbisiana Colla		The whole plant is used
10.	[BdThalirathia]	Musaceae	to social and religion
10.	[As. and RhAthiakol]	Musaceae	activities by the Bodo
			and Rabha people.
			Seeds or grains are
			used in many religious
	Oryza sativa L.		occasion by Bodos and
11.	[BdMai]	Poaceae	Rabhas. It is also used
	[As. and RhDhan]		to preparing traditional
			rice beer or wine during
			the festivals and

		marriage ceremonies.
	Primary source	

It makes us understand that how plants are important in human life which are used in food, medicine, cloth and shelters. In the Udalguri district, both Bodo and Rabha people are contributing in conservation of plants and forest of their own interest to check their inherent ritual activities. These activities of conserving and using of monocot plant species in ritual activities has significance in today's crisis of biodiversity conservation.

5.4 MEDICINAL MONOCOT PLANTS USED BY BODO AND RABHA PEOPLE OF UDALGURI DISTRICT

A total number of 42 Monocot flora of Udalguri district are utilized by Bodo and Rabha people inhabiting there in as medicine were recorded. In an ethno medicinal Monocot plants, various parts namely root, stem, leaves, fruit, flower, bark, seed, etc. are used in one way or the other. Often the same plant is used for several preparations by using different plant parts. In the interviews it was observed that there were highly significant differences between age of respondents and their knowledge of medicinal plants. Respondents who were 45 years and above were generally more knowledgeable than those who are younger. The most knowledgeable respondents were used to prepare the medicinal combination as home practices. The local medicine man known as "Ojha" or "Kobiraj" or "Bej" were very comparative in sharing their knowledge in preparation and administration of medicine. Administration of medicines (methods) are varied. Several were oral and others in the form of poultice and still others are inhalation, rubbing or massaging. There are also instances of magical religious beliefs associated with administration of medicine. After distinctive analysis with standard literature like Indian medicinal plants Chopra et al (1956); Kirtikar and Basu (1975); Boissya et al (1981, 1982); Barua and Sharma (1984, 1987); Hajra and Baishya (1990); Jain (1991); Brahma (1992); Dutta and Nath (1998); Gogoi and Borthakur (2001); Barua et al (2003); Bora (2003); Gogoi and Das (2003); Gogoi et al (2003); Borthakur et al (2004); Mao et al (2009); Sharma and Joshi (2010); Deka and Sarma (2010); Nath (2011); Das and Teron (2014) have been studied, but it was unveiled that many Monocot plant species of Udalguri district can be treated as medicinal plants. These comprise as follows:

Sl.	Botanical	Family	Parts used and mode	Mode of used
No	Name	(Life form)	of preparation	or name of
•	(Bodo Name)			disease
1.	Acorus calamus	Araceae	Rhizome and Leaves:	Used to relief
	L.	[H]	Equal portion of each	afraid and cry
	[Boch]		fresh rhizome, Ocimum	(causing
			sanctum L. (Tulsi) and	horror).
			Gon-gaithen (Bd. and	
			As.) are grind together	
			and with the juice rub	
			body of the baby gently.	
			Fresh juice of leaves	Used to baby
			with gently warming	bathing.
			water.	Used to cure
				skin disease
			Decoction of rhizome.	and for hair
				washing.
2.	Allium cepa L.	Liliaceae	Bulb:	Uses to cure
	[Sambram]	[H]	Cut a bulb into pieces	pain, wounds,
			and one spoon mustared	cuts and body
			oil mixed to it, then	heating.
			roasted for a few	
			minutes. It is applied on	
			infected area.	
3.	Allium sativum	Liliaceae	Bulb:	Used to cure
	L.	[H]	4-5 pieces of Allium	influenza, cold,
	[Sambramgufur]		sativum L. (Garlic) and	cough and
			Cuminum sp. (Kalajira)	fever.
			are fried together until it	
			become yellow.	Used to cure
			2-3 pieces of Allium	afraid of babies
			sativum L. (Garlic) and	
			4-5 leaves of Ocimum	Uses to cure
			sanctum L. (Tulsi) are	abscess, ear-
			mix rawly.	ache, sprains.

Table 8: List of Monocotyledonous Medicinal plants used by the local Bodopeople of Udalguri district

4.	<i>Aloe vera</i> (L.) Burm. f. [Sal-khungri]	Liliaceae [H]	Juice of raw <i>Allium</i> <i>sativum</i> L. (Garlic). Eat pieces of raw seeds everyday with meal. Leaves: Decoction of leaves are applied over the body externally. Internally leaf juice are prescribed.	decrease glucose. Used to cure burns, wounds, sore eyes, skin disorders. Used to cure piles, chromic ulcers, liver
5.	Alocasia indica (Lour.) Koch.	Araceae [H]	Tuber: Tuber of <i>Alocasia</i>	and spleen enlargement. Used to re-join in bone
	[Thasomanai]	[**]	<i>indica</i> are to be added with tuber of <i>Homalomena aromatica</i> L. and whole plant of <i>Equisetum sp.</i> (all are 50 g) are grind together with a few drops of water and then allow to plastered or wrapped infected part of bone fracture until it dried.	fracture.
6.	<i>Alpinia nigra</i> (Gaertn.) Burtt. [Tharai]	Zingiberaceae [H]	Rhizome: Rhizomes are eaten rawly.	Used to cure respiratory troubles.
7.	Ananas comosus (L.) Merr. [Rwimali or Anaros]	Bromeliaceae [H]	Shoot: A shoot of it is grind with 1 glass juice of <i>Saccharam officinarum</i> L. (Sugarcane) are mix properly and the extract is administered to have 2 spoonfull twice a day after meal.	Used to cure hiccough.
8.	Asparagus racemosus Willd. [Satmul]	Asparagaceae [Cl]	Roots: Decoction of roots are prescribed to drink in empty stomach every day in the early morning.	Treated to cure piles, jaundice, urinary disorders.

0	Arononus	Doggoog	Whole plant:	Lload to avera
9.	Axonopus	Poaceae	Whole plant:	Used to cure
	<i>compressus</i>	[G]	Whole plant of it,	nose-bleeding.
	(Sw.) P. Beauv.		Cynodon dactylon (L.)	
	[Dabsahagra]		Pers. roots of Carica	
			papaya L. (Mwdwmful)	
			are mixed equally to 1	
			kg grind . A juice put in	
			raw cow milk (250 ml)	
			prescribed to drink	
			morning, noon and	
			evening before food.	
10.	Belamcanda	Iridaceae	Roots and Bulb:	Treated to the
	<i>chinensis</i> (L.)	[H]	Sufficient amounts of	diseases of
	DC.		Roots, Houttuynia	respiratory
	[Surjokranti]		cordata Thunb.	tract like
			(Maisundri), Centella	asthma.
			asisatica (L.) Urban	
			(Manimunigeder) and	
			Hydrocotyle	
			sibthopioides Lamk.	
			(Manimunifisa) are	
			grind together.	
			Decoction is boiled in	
			water and prescribed ¹ / ₂	
			glass twice a day after	
			meal.	
11.	Chrysopogonaci	Poaceae	Roots:	Used in
	culatus (Retz.)	[G]	Decoction of roots used	stomach pain.
	Trin.		in sudden stomach pain.	-
	[Samthai]		Roots are pull out	Used in khetra
			facing eastern side on	(causing
			Saterday and Tuesday	horror).
			and bones of wild	,
			animals are put into the	
			Tabis (warmth) and	
			wear on neck.	
12.	Colocasia	Araceae	Whole plant:	Used in
	<i>esculenta</i> (L.)	[H]	Edible culinary.	anaemic
	Schott	L J	Ground corm is apply	patient to
	[Thasogwswm]		on cuts, burns and for	increase
	[relief of honey bee and	291aemoglobin
			scorpion sting.	_> ruemogioom
			Edible culinary.	·
			Ground corm is apply	
				Used to relief
			on cuts, burns and for	Used to relief

			relief of honey bee and	pain.
			scorpion sting.	Pam.
13.	Commelina	Commelinaceae		Used to treat
15.			Leaves, Stem and	
	benghalensis L.	[H]	Young shoot:	leprosy, skin
	[Gadebbifang]		The juice of leaves are	irritation.
			used externally on	
			human skin.	Used to
			The juice is extracted	treating sore
			from the stem.	eyes.
			Young shoots are made	
			curry with magur fish	Used to get
			for weak patient.	body strength.
14.	Costus	Costaceae	Rhizome:	Used to treat
	speciosus	[H]	Equal portion minimum	jaundice.
	(Koen.) Smith		100 g each rhizome of	
	[Daola khungur]		Costus speciosus	
			(Koen.) Smith., leaves	
			of <i>Cajanus cajan</i> (L.)	
			Huth. (Khokhling) and	
			Averrhoa carambola L.	
			(Khambrenga) are	
			grind together properly	
			then extracted juice is	
			boil and used twice a	
			day after meal.	
15.	Crinum defixum	Amaryllidaceae	Bulb and Leaves:	Used to get
	KerGawl.	[H]	Cut bulb is covered in	relief burns.
	[Hagrani		sudden burnt area of the	Used to cure
	Sambram]		body.	ear-ache, skin
			Juice of leaves applied	diseases and
			minimum twice a day.	to reduced
				inflammation.
16.	Crinum	Amaryllidaceae	Leaves, Rhizome and	Used to relief
10.	asiaticum L.	[H]	Tuber:	pain of the vein
	[Khanari]	[**]	On the dorsal side of	and arteries.
			the fresh leave apply	Used to cure
			castor oil or mustard	stomach pain
			oil, hit into the fire then	and also used
			massaged the aching	
			0 0	to cure spleen
			muscles and swelling	disease.
			part for two times. One	
			cup of decoction of	
			tuber is used to relief	
17	C l'	TT '1	sudden stomach pain.	TT 14
17.	Curculigo	Hypoxidaceae	Leaves:	Used to cure

	1 • • 1	[1]		1.4
	orchioides	[H]	On the dorsal side of	whitlows.
	Gaertn.		the fresh leaves	
	[Hagrani Goi]		polishing castor oil or	
			mustard oil hit into the	
			fire massaged the	
			aching muscles and	Used to cure
			swelling part for two	piles, jaundice
			times.	and asthma.
			Decoction of tuber	
			drink one cup to relief	
			sudden stomach pain.	
18.	Curcuma amada	Zingiberaceae	Rhizome:	Used to cure
10.	Roxb.	[H]	Rhizomes are eaten	dysentery.
	[Thaiju haizeng]	[**]	rawly.	aysoniery.
			lawiy.	
19.	Curcuma	Zingiberaceae	Rhizome:	Used to cure
	aromatic Salisb	[H]	Juice extracted from	dysentery.
	[Khathriphul]		rhizome (200 g) of it	
	[]		and Zingiber officinale	
			Roscoe. (200 g) are	
			prescribed 2 tea	
			spoonful twice a day	
			after meal for one week.	
20.	Curcuma longa	Zingiberaceae	Rhizome:	Used to cure
	L.	[H]	Grindered raw rhizome	anti-tumour,
	[Haldi]	[]	with milk and with	arthritis, piles,
	[]		honey treate many	anti-bacterial
			diseases.	and as a blood
			dibbabes.	purifier.
21.	Cymbopogon	Poaceae	Leaves:	Used to reduce
	nardus (L.)	[G]	The infusion of the	stomachic and
	Rendle		leaves are important.	carminative.
	[Chitranella]			
22.	Cynodon	Poaceae	Whole plant:	Used to cure
	dactylon (L.)	[G]	The juice of the plant is	urinary trouble.
	Pers.	L-J	applied externally to	,
	[Daori hagra]		fresh cuts and wounds.	
			A few branch of the	
			plant deep with a broze	
			coin into a glass of	
			water whole night then	
			prescribed to drink	
22	Cupanus	Cuparaacaa	empty stomach.	Used to sume
23.	Cyperus	Cyperaceae	Rhizome:	Used to cure
	rotundus L.	[G]	Mixture of 200 g of	stomach pain

	FT71 1 7		1	
	[Khaya hagra]		rhizome of <i>Cyperus</i>	and dysentery.
			rotundus L. and Costus	
			speciosus (Koen.)	
			Smith., bark of	
			Azarichta indica L. are	
			grind together till juice	
			comeout. A juice were	
			boil in a litre of water	
			and reduced the volume	
			to one fouth. 2-4 tea	
			spoonful of decoction	
			were prescriped after	
			meal for 10 days.	
			During those days diet	
			should be pure	
			vegetation.	
24.	Dendrobium	Orchidaceae	Leaves:	Used to relief
27.	aphyllum	[Ep.H]	Leaves (equal amount	all kind of
	(Roxb.) Fischer	[Ep.II]	each), <i>Clerodendrum</i>	body pain.
	[Daothu bibar]		viscosum Vent.	body pain.
			(Mwkhwna), <i>Crinum</i>	
			pratens Herb.	
			(Khanari), <i>Murrya</i>	
			koenigii (L.) Spreng.	
			(Mwrsing) are grind	
			together. Decoction of it	
			prescribed to 2 spoons	
		~	twice a day after meal.	
25.	Eleutherine	Iridaceae	Bulb:	Used to cure
	balbosa (Mill.)	[H]	Raw juice of bulb with	stomach pain.
	Urb.		water at least 1 cup is	
	[Sambramgwja]		prescribed during	
			stomach pain.	
26.	Homalomena	Araceae	Tuber:	Used to re-join
	aromatica	[H]	Sufficient amount of	in bone
	(Roxb.) Schott		tuber of it, Alocasia	fracture.
	[Thaso thukhru]		indica (Lour.) Koch.,	
			Equisetum sp. and Aloe	
			barbadensis Mill. are	
			grind together then	
			paste over infected area	
			and wrapped tightly for	
	1			
1 1			3 days interval until re	
			join for 2-3 months.	

 <i>cylindrica</i> Raeusch. [Thuri] 28. <i>Kaempferia</i> <i>galangal</i> L [Sonfera] 29. <i>Kaempferia</i> <i>rotunda</i> L. [Khatri roth] 30. <i>Lasia spina</i> Thw. [Sembra] 31. <i>Monochori</i> <i>hastata</i> (L. Solms [Ajwnai] 32. <i>Musa balba</i> Colla [Thalir ath] 	aZingiberaceaea[H]aZingiberaceaebing]ZingiberaceaebsaAraceae	Roots extract prescribed to drink.Rhizome: Decoction of rhizomes, <i>Centella asiatica</i> (L.) Urban., <i>Hydrocotyle</i> <i>sibthorpioides</i> Lamk., dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal.Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.Young shoot: Delicious culinary.	diarrhea, dysentery and gonorrhoea. Used to treat typhoid, pneumonia, malaria and stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair. Used to cure
[Thuri]28.Kaempferia galangal L [Sonfera]29.Kaempferia rotunda L. [Khatri roth]30.Lasia spina Thw. [Sembra]31.Monochorri hastata (L. Solms [Ajwnai]32.Musa balb Colla	. [H] a Zingiberaceae [H] hing] Dsa Araceae	Rhizome: Decoction of rhizomes, Centella asiatica (L.) Urban., Hydrocotyle sibthorpioides Lamk., dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal.Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.Young shoot:	gonorrhoea. Used to treat typhoid, pneumonia, malaria and stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair.
 28. Kaempferia galangal L [Sonfera] 29. Kaempferia rotunda L. [Khatri roth] 30. Lasia spina Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balba Colla 	. [H] a Zingiberaceae [H] hing] Dsa Araceae	 Decoction of rhizomes, <i>Centella asiatica</i> (L.) Urban., <i>Hydrocotyle</i> <i>sibthorpioides</i> Lamk., dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal. Tuber: Raw tubers are used to eat. Extracted rhizome is given on head. Young shoot: 	Used to treat typhoid, pneumonia, malaria and stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair.
 <i>galangal</i> L [Sonfera] 29. <i>Kaempferia</i> <i>rotunda</i> L. [Khatri roth] 30. <i>Lasia spina</i> Thw. [Sembra] 31. <i>Monochori</i> <i>hastata</i> (L. Solms [Ajwnai] 32. <i>Musa balb</i> Colla 	. [H] a Zingiberaceae [H] hing] Dsa Araceae	 Decoction of rhizomes, <i>Centella asiatica</i> (L.) Urban., <i>Hydrocotyle</i> <i>sibthorpioides</i> Lamk., dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal. Tuber: Raw tubers are used to eat. Extracted rhizome is given on head. Young shoot: 	typhoid, pneumonia, malaria and stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair.
 [Sonfera] [Sonfera] 29. Kaempferia rotunda L. [Khatri roth 30. Lasia spina Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	a Zingiberaceae [H] hing] Dsa Araceae	Centella asiatica (L.)Urban., Hydrocotylesibthorpioides Lamk.,dalmisri, bismuri areprescribed to boil in alittle water and to have3 times a day aftermeal.Tuber:Raw tubers are used toeat.Extracted rhizome isgiven on head.Young shoot:	pneumonia, malaria and stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair.
 29. Kaempferia rotunda L. [Khatri roth] 30. Lasia spina Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balba Colla 	[H] [hing] [Dsa Araceae	Urban., Hydrocotyle sibthorpioides Lamk., dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal.Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.Young shoot:	malaria and stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	sibthorpioides Lamk., dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal.Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.Young shoot:	stomache. Used to cure gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	dalmisri, bismuri are prescribed to boil in a little water and to have 3 times a day after meal.Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.Young shoot:	Used to cure gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	 prescribed to boil in a little water and to have 3 times a day after meal. Tuber: Raw tubers are used to eat. Extracted rhizome is given on head. Young shoot: 	gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	little water and to have 3 times a day after meal. Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.	gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	3 times a day after meal. Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.	gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	meal. Tuber: Raw tubers are used to eat. Extracted rhizome is given on head. Young shoot:	gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	Tuber: Raw tubers are used to eat. Extracted rhizome is given on head.Young shoot:	gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	[H] [hing] [Dsa Araceae	Raw tubers are used to eat. Extracted rhizome is given on head. Young shoot:	gastric complaints, tumours. Used for proper growth of hair.
 30. Lasia spine Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balb Colla 	hing] <i>Dsa</i> Araceae	eat. Extracted rhizome is given on head. Young shoot:	complaints, tumours. Used for proper growth of hair.
 30. Lasia spino Thw. [Sembra] 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balba Colla 	osa Araceae	Extracted rhizome is given on head. Young shoot:	tumours. Used for proper growth of hair.
Thw.[Sembra]31.Monochori hastata (L. Solms [Ajwnai]32.Musa balb Colla		given on head. Young shoot:	Used for proper growth of hair.
Thw.[Sembra]31.Monochori hastata (L. Solms [Ajwnai]32.Musa balb Colla		Young shoot:	proper growth of hair.
Thw.[Sembra]31.Monochori hastata (L. Solms [Ajwnai]32.Musa balb Colla		-	of hair.
Thw.[Sembra]31.Monochori hastata (L. Solms [Ajwnai]32.Musa balb Colla		-	
Thw.[Sembra]31.Monochori hastata (L. Solms [Ajwnai]32.Musa balb Colla		-	Used to cure
[Sembra]31.Monochori hastata (L. Solms [Ajwnai]32.Musa balb Colla	1 1 1 1	Delicious culinary.	
 31. Monochori hastata (L. Solms [Ajwnai] 32. Musa balba Colla 	[H]		Pneumonia.
<i>hastata</i> (L. Solms [Ajwnai] 32. <i>Musa balb</i> Colla			TT 1.
32. Musa balba Colla		Flower and Leaves:	Used to get
[Ajwnai] 32. <i>Musa balb</i> Colla) [A.H]	Flowers as delicious	alterative and tonic.
32. <i>Musa balb</i> Colla		curry.	
Colla		Leave juice is given to children.	Used to get secreting more
Colla		cilluren.	saliva.
Colla	isiana Musaceae	Core:	Used to relief
	[H]	A little amount of	head-ache.
		central core from stem	neau-acht.
	ια]	and <i>Costus speciosus</i>	
		(Koen.) Smith. are	
		grind and paste on	
		human head externally.	
33. Ottelia	Hydrocharitaceae		Used to cure
alismoides	•	Leaves are mixed more	Pneumonia.
	14 14 14		r noumoniu.
		0	
		· ·	
		sativum L., Lasia	
Pers. [Daini thal		or less 1 kg, shoot of <i>Ipomea aquatic</i> Forssk. (Mande), <i>Allium</i>	i neumonia.

			Ocimum sanctum L. Centella asiatica (L.) Urban. And Typha angustata L. (Ala) are grind with sufficient water. A juice were boil in a litre of water ½ glass of decoction were prescribed twice or thrice a day after meal.	
34.	Saccharum officinarum L. [Khuser]	Poaceae [S]	Culm: Raw juice of culm is drunk.	Used to treat jaundice, urinary trouble and hiccough.
35.	Saccharum spontaneum L. [Khasi hagra]	Poaceae [S]	Leaves and Roots: Leaves bundle burn with elephant's facal matter to allow more smoke to warm foot. Roots extract is internally used.	Used to cure irriting sore in foot. Used to treat body pain.
36.	<i>Typha angustata</i> Bory & Chaub. [Ala hagra]	Typhaceae [A. H]	Flower and Shoot: Flowers allow to dry properly under sunlight, burn them taken heat on foot. Young shoots are eaten by human.	Used to reduce itching and ringworm. Used to keep stomach cold and in pain.
37.	<i>Typhonium</i> <i>trilobatum</i> (L.) Schott [Bolamuli]	Araceae [H]	Tuber: 100 g tuber with a 5 g of castings of <i>Pheretima</i> (Earthworm) grind and mix nicely. Then the mixture is paste over suck by the Molluscus (Ganler).	Ued to treat pain and swelling.
38.	Vallisneria spiralis L. [Daini kharai]	Hydrocharitaceae [A. H]	Whole plant: Whole plants, <i>Ottelia</i> <i>alismoides</i> (L.) Pers., water fern, <i>Centella</i> <i>asiatica</i> (L.) Urban., <i>Hydrocotyle</i> <i>sibthorpioides</i> Lamk. and <i>Anagallis arvensis</i>	Used to cure itching and meascles.

			I (Sonofuli) are mined	
			L. (Sonafuli) are mixed	
			equal amount each to	
			make 1kg dried and	
			prepared bolus dried	
			under the sunlight. 4-5	
			bori are boil in water ¹ / ₂	
			glass are prescribed	
			twice a day after meal.	
39.	Zingiber	Zingiberaceae	Rhizome:	Used to cure
	officinale	[H]	Rhizome, <i>Piper nigram</i>	dry cough.
	Roscoe		L. (Golmuris), stem of	
	[Haizeng]		Piper betel L. (Fathwi),	
	- 0-		Syzygium aromaticum	
			L. (Long), shoot of	
			Leucas aspera Link.,	
			Ocimum sanctum L. and	
			Piper longum L.	
			(Simfri) are grind	
			together into 100 ml of	
			water to mix properly.	
			The dried bori	
			prescribed to deep in	
			honey and 1-2 bori	
			asked to swallow 3	
		D	times in a day.	

Primary source

Note: A. H-aquatic herb, Cl-climber, Ep. H-epiphytic herb, G-grass, H-herb, S-shrub.

Table 9: List of Monocotyledonous medicinal plants used by the local Rabha

People of Udalguri district

Sl.	Botanical Name	Family	Parts used and	Mode of
No.	(Rabha Name)	(Life form)	mode of	used / Name
			preparation	of disease
1.	Allium cepa L.	Liliaceae	Bulb:	Used to
	[Piash]	[H]	Cut bulbs are	relief
			rubbed over	burning of
			insect sting or	the insect
			bite.	bite and

				sting.
2.	Allium sativum L.	Liliaceae	Cloves or Seeds:	Used to get
	[Nohuru]	[H]	Grinted cloves	relief pain
			are administered	from insect
			to massage over	bite and
			the insect bite.	sting.
			And generaly	
			used in high	
			blood pressure	
			also.	
3.	Aloe vera (L.)	Liliaceae	Leaves:	Used to
	Burm. f.	[H]	Juice of leaves.	relief skin
	[Salkuori]			burning.
4.	Alpinia nigra	Zingiberaceae	Seeds:	Used to cure
	(Gaertn.) Burtt	[H]	A few seeds with	jaundice and
	[Bogitora]		little sugar are	urinary
			grinded together	trouble.
			in water, then	
			extract is filtered	
			with clean piece	
			of cloth and	
			filtrate is given	
			to patient.	
5.	Ananas comosus	Bromeliaceae	Leaves or shoot:	Used to cure
	(L.) Merr.	[H]	Extract juices.	anthelmintic
	[Anaros]			and
				abortifacient.
6.	Asparagus	Asparagaceae	Shoots and	Used to cure
	recemosus Willd.	[Cl]	roots:	fever and
	[Satmul]		Every morning	jaundice.

			patients are	
			asked to take a	
			full glass of raw	
			juice in an empty	
			stomach.	
7.	Bambusa assamica	Poaceae	Buds or Shoots:	Used to get
	Bar. & Borth.	[T]	A bud is grind	relief from
	[Bah]		with 50 gm of	painful
			colocasia and	menstruation
			prepared a cup	of women.
			of juice and	
			advice to drink.	
8.	Canna indica L.	Cannaceae	Rhizome:	Used to cure
	[Parijat]	[H]	Fresh rhizomes	blood
			are extracted	dysentery
			juice of one cup	and blood
			is given to the	diarrhoea.
			patient.	
9.	Colocasia esculenta	Araceae	Corms and	Used to
	(L.) Schott	[H]	runners:	remedy
	[Kola kochu]		It makes curry.	piles and
				tonsillitis.
10.	Commelina	Commelinaceae	Stem and	Used
	benghalensis L.	[H]	Leaves:	externally
	[Kona simalu]		It is made to	and to stop
			juice.	bleeding.
11.	Costus speciosus	Costaceae	Rhizome:	Used to cure
	(Koen.) Smith	[H]	Fresh extracted	leucorrhoea.
	[Buritokon]		juice of rhizome	
			is given to the	

			patient.	
12.	Crinum asiaticum	Amaryllidaceae	Leaves:	Used to cure
	L.	[H]	Fresh leaves are	chronic
	[Kanari]		cut into small	rheumatic
			pieces, then	and body
			mustard oil is	pain.
			put on the	
			surface of leaves	
			and heated over	
			a flame. The hot	
			oily leaves	
			surface is gently	
			foamented over	
			the rheumatic	
			part of the body.	
13.	Cynodon dactylon	Poaceae	Leaves or	Used to
	(L.) Pers.	[H]	Shoots:	relief severe
	[Duboribon]		Fresh leaves or	cuts,
			shoots are	injuries,
			crushed and	bleeding and
			applied around	pain.
			the cuts and	
			severe wounds.	
14.	Dioscorea alata L.	Dioscoreaceae	Tuber:	Used to cure
	[Kath alu]	[Cl]	It is used as	anaemia.
			curry.	
15.	Monochoria	Pontederiaceae	Young shoots:	Used to cure
	hastata (L.) Solms	[A.H]	Leaf juice (50	boils.
	[Borbhat meteka]		ml) mixed with	
			honey (20 ml) is	

			taken twice daily	
			for a month	
			regularly.	
16.	Ottelia alismoides	Hydrocharitaceae	Flowers:	Used to cure
	(L.) Pers.	[A.H]	Flower paste (15	piles.
	[Segun tepa]	[]	gm) is taken	r
	[Sogun topu]		orally early in	
			the morning.	
17.	Oryza sativa L.	Poaceae	Grains or Seeds:	Rice wash
17.	[Dhan]	[H]	Starch.	water is used
			Staron.	to cure
				diarrhoea
				and
				dysentery.
18.	Pistia stratiotes L.	Araceae	Leaves:	Used to cure
10.	[Borpuni]	[A.H]	Leaf juice (15-	diarrhoea
			20 ml) mixed	and dysuria.
			with equal	and dysuna.
			amount of rose	
			water and sugar	
			is applied twice	
			daily upto 15-16	
			days.	
19.	Saccharum	Poaceae	Stem:	Juice are
	officinarum L.	[C]	Sugar cane juice.	administered
	[Kurchi]	L - J		to drink in
	LJ			constipation
				and to cure
				jaundice.
20.	Sansiviera	Agavaceae	Leaves:	Used to cure
20.	Sandiricia	1.50,0000	Lou , ob.	

roxburghiana	[H]	Fine thread like	waist pain.
Schult.		fibres extracted	
[Sarpagas]		from the leaf and	
		a small rope is	
		prepared and	
		tied around the	
		waist to cure	
		chronic waist	
		pain.	

Primary source

Note: A. H-Aquatic herb, C-Culm, Cl-Climber, H-Herb, T-Tree.

It means that the nature of people interactions with forests is critical for sustainability and conservation. Mechanism of transmission of traditional knowledge of plant use in traditional societies of Bodos and Rabhas are an interesting area worth investigating. Further, studies on people forest interactions must incorporate the role of women because despite being active users of biodiversity, their invaluable contribution remained neglected in many instances. It may be mentioned that men folk remains outside the house for most part of the time and Bodo and Rabha women take care of the needs of the family. In doing so, Bodo and Rabha women had developed knowledge of plant use, they are exposed to more diversity of natural resources than their male counterpart and so, obviously have superior knowledge of plant use of the Udalguri district. Cultural practices of resource utilization should be encouraged among forest dwellers, such practices have elements of sustainability and also act as natural deterrents against over exploitation in the Udalguri district. It is also to be noted that the most common plants used were leaves, shoots, twigs, flowers, fruits and harvesting of roots and barks can easily threaten the local diversity and density of plants.

5.5 ETHNO VETERINARY OR ETHNO LIVESTOCKS PRACTICES OF BODO AND RABHA PEOPLE OF UDALGURI DISTRICT

Ethno veterinary or ethno livestocks research and development is a holistic interdisciplinary study of indigenous knowledge of Bodos and Rabhas of Udalguri district, and associated skills, practices, beliefs and social structures pertaining to the healthcare and husbandry of income producing animals. Though, trasditional uses of medicinal plants have been in vogue since time immemorial, only a few reports are available in India, for ethno veterinary practices like Jain (2003) and Nirmala Rani (2008). During the field trips, some elderly Bodo and Rabha villagers and in veterinary practitioners of these tribes of Udalguri district were interviewed to gathered data and information. The following are some ethno veterinary practices of Bodo and Rabha people of Udalguri district:

- a) Aloe vera (L.) Burm. f. [Liliaceae]
 Fresh leaves juice is applied to skin of cattle to kill ticks and parasites. It is also used to treat rheumatism.
- b) Allium cepa L. [Liliaceae]
 Bulb or seeds crushed with sufficient quantity of piper seeds is administered daily once for a week to cure mouth diseases of cow and goat.
- c) Amomum aromaticum Roxb. [Zingiberaceae]
 30 gm dried fruit powder mixed with powder of Turmeric, Zinger and Syzygium given is administered once daily for 4-5 days for stomach ailments, foot diseases, mouth diseases and fever to the cow.
- d) *Elettaria cardamomum* (L.) Maton. [Zingiberaceae]
 20 -30 dried seed powder mixed with Syzygium and Zinger is fed to cattle to cure fever, swelling, foot and mouth diseases.
- e) Crinum defixum Ker-Gawl. [Amaryllidaceae]
 Paste of fresh leaves, bulbs or rhizome is applied externally to cure limb swellings and wounds.
- f) Curcuma longa L. [Zingiberaceae]

Rhizome paste (100 gm) with sufficient quantity of piper and garlic juice is administered once daily for a week to cure indigestion, wounds and pain to the cattle.

g) Cynodon dactylon (L.) Pers. [Poaceae]

Fresh plant (100 gm) juice with salt is fed to animal to cure indigestion.

In conclusion, animal husbandryis the second major occupation in the region, after agriculture and contributes significantly to the regional economy. Though the traditional wisdom is on the decline, a substantial proportion showed knowledge of traditional ethno veterinary or ethno livestocks practices in the region. The majority of the treatments procedures are based on the traditional wisdom and believes of the local people and such a practice exists for many years. Such vast treasure of traditional knowledge of the Bodo and Rabha community of Udalguri district are needs to be recognized, documented and validated scientifically. From ecological conservation point of view, efforts will help in unnecessary harvesting of some of the plants. Moreover, the plants having medicine properties need to be promoted through *ex-situ* (off-site) conservation practices in agriculture fields, gardens and nurseries. Proper strategies are to be adopted to list out the important plants, prioritize them and develop suitable cultivation techniques, if conservation of traditional values and wisdom are to be ensured.