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Medicinal plants used in local health care system of Chanawada village, Udaipur, Rajasthan

■ VEENA GUPTA, ARCHANA SINGH, P.B. SINGH AND D.B. PARAKH

SUMMARY

An insight into local healthcare systems and traditional knowledge about medicinal plants is always instrumental in providing nascent ideas to pharmaceutical industries to develop strategic research programmes for the identification of new bioactive compounds for the production of synthetic drug molecules. Many a times this undocumented information is lost much before it is realized by the users since it passed from generation to generation orally. For strengthening the proper usage and conservation of the medicinal traditions prevailing in the Chanawada village of Girwa block in Udaipur, a survey was undertaken to document the medicinal plants used by the tribal inhabitants of the area. Traditional uses of 24 medicinal plants occurring in wild habitat were recorded and are being presented in this paper.

Key Words : Medicinal plants, Health care

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Traditional medicines and traditional healers are getting much importance because even today in the world of modern medicine, 80 per cent of the population still depends on the plant based drugs for their daily primary health care needs. The glare of the western medicines is loosing its charm in light of age-old jungle remedies long employed by the traditional practitioners.

The Chanawada village lies in the Girwa block of the Udaipur district of Rajasthan which constitute 26 per cent of the tribal population. The village in particular has a total population of 5340 of which 1508 families belong to the ten tribes namely Meghwal, Kalbelia, Doli, Meena, Kalal, Brahmin, Jain, Vaid, Lohar and Teli. The primary source of income is agriculture. The total area of the village is 3243.4hectare of which agricultural land comprise 653.1 ha. in addition to the 2822.64 ha of forest area and 767.6 ha of waste land. There are

------ MEMBERS OF THE RESEARCH FORUM +

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Address of the Co-authors: ARCHNA SINGH P.B. SINGH AND D.B. PARAKH, National Bureau of Plant Genetic Resources, Pusa Campus, NEW DELHI, INDIA five primary schools, six anganwadies and one each of secondary and senior secondary school. The medical facilities are in the form of a veterinary dispensary in Prasad village and one ayurvedic dispensary in Chanawada. All local people in general take medication from the dispensary and the medical practitioner is giving herbal formulations both purchased from the market as well as self-made using the local biodiversity available in the area.

MATERIALS AND METHODS

A total of 26 people (aged between 20-85 years) were interviewed including the Ayurvedic doctor employed in the dispensary in the village but most of the information was provided by three informants and the medical practitioner. The informants were selected randomly. The interviews were not structured and involved no formal questionnaire. All the discussions were held during our field visit for plant biodiversity register documentation survey (November 2011 and March 2012).

RESULTS AND DISCUSSION

A total of 123 plant species of trees, shrubs, climbers

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Tietho Additation Earlier Additation Earlier Food Root Climber Iuruba/Tumbi <i>Cirrulus colognitis</i> Wild Food Root Tree Sisham <i>Tichosanthes cacumerina</i> Wild Wood, Fuel, Food Root Shub Fauri <i>Zisplus minuitria</i> Wild Wood, Fuel, Food Root Shub Fauri <i>Casta tora</i> Wild Wood, Fuel, Food Root Shub Fauri <i>Casta tora</i> Wild Mond, Fuel, Food Root Shub Fauri <i>Casta tora</i> Wild Mond, Fuel, Food Root Shub Fauri <i>Casta tora</i> Wild Mond, Fuel, Food Root Shub Ratarijot <i>Cantopha curcas</i> Wild Mond, Fuel, Food Fuers Shub Ratarijot <i>Jiropha curcas</i> Wild Mood, Fuel, Food Fuers Shub Ratarijot <i>Jiropha curcas</i> Wild Wood, Fuel, Food Fuer Shub Ratarijot <i>Jiropha curcas</i> Wild Wood, Fuel, Food Fuer Shub Ratarijot <i>Jiropha curcas</i> Wild Wood, Fuel, Food Fuer Tree Inte Khaka Butea monosper	r v				F L.M			
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TreeSishamDalbergia sissoWildWood, Fuel, Fodder, FondLeavesTreeInsheriZr-pins numulariaWildFuel, Fodder, FondRondShubSapunkhaTephrosia purpureaWildFonder, FondRondShubFuariCassia toraWildAnimal FeedLeavesShubFuariCassia toraWildMond, Fuel, Fodder, Fihre, FruitBackHerbGokhurTribulos terreariasWildWood, Fuel, Fodder, Fihre, FruitBackShubRatanjotLinulus terreariasWildWood, Fuel, Fodder, Fihre, FruitBackIreeNunhLinulus terreariasWildWood, Fuel, Fodder, FondLeavesShubKater, KantaliLinurarutas naticeWildWood, Fuel, Fodder, FondLeavesLineLinulus terreariasWildWood, Fuel, Fodder, FinitBackLinukLineLinulus terreariasWildWood, Fuel, Fodder, FinitBackLineLinulus terreariasWildWood, Fuel, Fodder, FinitBackLineLinulus terreariasWildWood, Fuel, Fodder, FinitBackLineLineAdamMold, Fuel, Fodder, FinitBackLineLineAdamMold, Fuel, Fodder, FinitLeavesLineLineAdamMold, Fuel, Fodder, FinitLeavesLineLineAdamMold, Fuel, Fodder, Fodder, Fodder, Fodder, Fodder, Fodder, FodderLeavesLineLineAdamMold, Fuel, Fo	7.	Climber	Tumba/Tumbi	Citrullus colocynthis	Wild	Fuel, Food	Root	Given in stomach problems.
TreeInotheriZi-phus tumuntariaWildFuel, Folder, FondRoutShubSarpunkha $Tephrosia purpureaWildFodderLeavesShubFuariCassia toraWildAnimal feedLeavesShubPeepalTeras religiosaWildMond, Fuel, Fonder, Fhre, FruitBarkHetbGokshurTribulus terrearisWildWond, Fuel, Fonder, Fhre, FruitBarkShubRatarjotLatropha curcasWildWood, Fuel, FondLeavesShubRatarjotLatropha curcasWildWood, Fuel, FondFrainShubRatarjotLatropha curcasWildWood, Fuel, FondRataShubRateri, KantaliSolanun suratenesWildWood, Fuel, FondRataShubKateri, KantaliSolanun suratenesWildWood, Fuel, Fonder, FondEarTreeKhakaButea monospermaWildWood, Fuel, Fonder, FondEarTreeHetbOhoi musitChinrephran tuborounWildWood, Fuel, Fonder, FamileBarkHetbOhoi musitChinrephran tuborounWildWood, Fuel, Fonder, FamileBarkHetbOhoi musitChinrephran tuborounWildWood, Fuel, Fonder, FamileBarkHetbOhoi musitChinrephran tuborounWildWood, Fuel, Fonder, Fond$	8.	Tree	Shisham	Dalbergia sisso	Wild	Wood, Fuel, Fodder and	Leaves	Given to goats for loose motion.
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ShrubFuariCassa toraWildAnimal feedLeavesTreePeepalFrance religinerWildWond, Fuel, Fonder, Fhre, FruitBarkHerbGokshurTribulus terrestrisWildWond, Fuel, Fonder, Fhre, FruitBarkShrubRatanjotTribulus terrestrisWildWond, Fuel, Fonder, Fine, FruitBarkShrubRatanjotTribulus terrestrisWildWond, Fuel, Fonder, Fine, FruitBarkShrubRateri, KantaliSolamm surratenezWildWond, Fuel, Fonder, FondFruitShrubKateri, KantaliSolamm surratenezWildWond, Fuel, Fonder, FondFruitShrubKateri, KantaliSolamm surratenezWildWond, Fuel, Fonder, FannieBarkTreeBeleAegte marmelosWildWond, Fuel, Fonder, FannieBarkHerbTholi musitiChlorophytum tuberosumWildWood, Fuel, Fonder, FannieBarkHerbTholi musitiChlorophytum tuberosumWildWood, Fuel, Fonder, FondFruitHerbTheAuaiAllanthus excelsaWildWood, Fuel, Fonder, FondLeavesTreeAtanAtaniforoWildWood, Fuel, Fonder, FunitsLeavesTreeVanAtaniforoWildWood, Fuel, Fonder, FunitsLeavesTreeAtanAtaniforoWildWood, Fuel, Fonder, FunitsLeavesTreeNeemAtanAtaniforoWildWood, Fuel, Fonder, FonderLeaves	10.	Shrub	Sarpunkha	Tephrosia purpurea	Wild	Fodder	Leaves	Leaves are burnt and the ash mixed in giloe juice and harad is given for large subsen
TreePeepalFrank religionsWildWood, Fuel, Fodder, Fine, Fruitand SeedsHerbGokshurTribulas terrestrisWildWood, Fuel, Fodder, Fine, FruitPlantHerbGokshurIntrobha terrestrisWildFodder for CamelsPlantShuibRatanjotJarropha carcasWildWood, Fuel, FoodFruitShuibKater, KantaliSolarma surattareWildWood, Fuel, FoodFruitShuibKater, KantaliSolarma surattareWildWood, Fuel, FoodFruitShuibKater, KantaliSolarma surattareWildWood, Fuel, Fooder, FoodFruitShuibKater, KantaliSolarma surattareWildWood, Fuel, Fooder, FoodFruitShuibButea monospermaWildWood, Fuel, Fooder, FoodFruitBarkHerbDholi mustiChlorophynum tuberostmWildWood, Fuel, Fooder, FoodPlantHerbDholi mustiChlorophynum tuberostmWildWood, Fuel, Fodder, FoodPlantHerbDholi mustiChlorophynum tuberostmWildWood, Fuel, Fodder, FoodLustHerbDholi mustiChlorophynum tuberostmWildWood, Fuel, Fodder, FoodLustHerbDholi mustiChlorophynum tuberostmWildWood, Fuel, Fodder, FoodLustHerbDholi mustiChlorophynum tuberostmWildWood, Fuel, Fodder, FoodLustTreeAduaAduaAduaWildWood, Fuel, Fodder, FoodLust<	Ē	Shrub	Fuari	Cassia tora	Wild	Animal feed	Leaves	Crished leaves and seed nowder mixed in oil is applied t
TreePeepalFrank religiosoWildWood, Fuel, Fodder, Fine, FruitBarkHetbGokshurTribulus terestrisWildFodder for CamelsPlantShubRatanjotJarropha curcasWildFodder for CamelsPlantShubRatanjotJarropha curcasWildFodder for CamelsPlantShubRateri, KantaliJarropha curcasWildWood, Fuel, FoodFruitShubKateri, KantaliSolamu suratoreWildWood, Fuel, FoodFruitShubKateri, KantaliSolamu suratoreWildWood, Fuel, Fooder, FamileBarkTreekbakButea monospernaWildWood, Fuel, Fodder, FamileBarkTreebelAblaMutea monospernaWildWood, Fuel, Fodder, FamileBarkTreebelAblaMutea monospernaWildWood, Fuel, Fodder, FamileBarkTreebelAblaMutea monospernaWildWood, Fuel, Fodder, FamileBarkTreeAduaAtanhus excelsaWildWood, Fuel, Fodder, FamileBarkTreeCastorKictnus communisWildWood, Fuel, Fodder, FuniteLeavesTreeVeepAtanhus excelsaWildWood, Fuel, Fodder, FuniteLeavesTreeUeepAtanhus excelsaWildWood, Fuel, Fodder, Foulder,							and Seeds	skin discase.
HetbGokshurTribulus terrestrisWildFamine FoodShrubRatanjotJarropha curcasWildFodder for CamelsPlantShrubRatanjotJarropha curcasWildFodder for CamelsPlantShrubRateri, KamaliJarropha curcasWildWood, Fuel, FoodFruitShrubKateri, KamaliSalamun suratenceWildWood, Fuel, FoodFruitShrubKateri, KamaliSalamun suratenceWildWood, Fuel, Fooder, FoodFruitTreeBelAegte marmetosWildWood, Fuel, Fodder, FamineBarkHerbDholi musliChlorophyrum tuberosumWildWood, Fuel, Fodder, FamineBarkTreeAduaAltanthus excelsaWildWood, Fuel, Fodder, FoodFruitTreeCastorKictrus communisWildWood, Fuel, Fodder, FruitsLeavesTreeVeenAradirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeVeenAradirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeVeenAradirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNeanMangfera indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNeanMangfera indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNeanMangfera indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNeanMangfera indicaWildWood, Fuel, Fodde	12.	Tree	Peepal	Ficus religiosa	Wild	Wood, Fuel, Fodder, Fibre, Fruit	Bark	Extract Given in kidney problems.
HetbGokhurTribulus terrestrisWildFodder for CamelsPlantShubRatanjotJatropha curcasWildFuelLatexShubRatanjotJatropha curcasWildWood, Fuel, FoodLatexShubKateri, KantaliSolanum surationsWildWood, Fuel, FoodLatexShubKateri, KantaliSolanum surationsWildWood, Fuel, FoodLatexTreeKhakraButea monospermaWildWood, Fuel, Fodder, FamineBarkTreeBelAegte marmetosWildWood, Fuel, Fodder, FamineBarkHerbDholi musliChlorophytum tuboroumWildWood, Fuel, Fodder, FamineBarkHerbDholi musliChlorophytum tuboroumWildWood, Fuel, Fodder, FoodEntitTreeAduaAttanthus excelsaWildWood, Fuel, Fodder andBarkTreeUsopAttanthus excelsaWildWood, Fuel, Fodder andLeavesTreeVermAradirochna indicoWildWood, Fuel, Fodder FusisLeavesTreeNemAradirochna indicoWildWood, Fuel, Fodder FusisLeavesTreeNemAradirochna indicoWildWood, Fuel, Fodder, FusisLeavesTreeNemAradirochna indicoWildWood, Fuel, Fodder, FusisLeavesTreeNemAradirochna indicoWildWood, Fuel, Fodder, FroidLeavesTreeNemAradirochna indicoWildWood, Fuel, Fodder, Fro			•	5		Famine Food		
ShrubRatarijotJatropha curceasWildWildFuelLatexTreeImiliTamarndus indicaWildWood, Fuel, FoodLatesShruhKateri, KantaliSolamm surratenseWildWood, Fuel, FoodEaf, StemTreeKhakraButea monospermaWildWood, Fuel, Fooder, FamineBarkTreeBelAegle marnelosWildWood, Fuel, Fooder, FamineBarkTreeBelAegle marnelosWildWood, Fuel, Fooder, FamineBarkTreeAduaAlianthus excelsaWildWood, Fuel, Fooder, FamineBarkTreeAduaAlianthus excelsaWildWood, Fuel, Fooder, FoodEruitTreeUsotoMidin tuberocumWildWood, Fuel, Fooder, FoodEruitTreeUsotoMidin tuberocumWildWood, Fuel, Fooder, FruitsLeavesTreeUsotoAradirocha indicaWildWood, Fuel, Fooder, FruitsLeavesTreeNamAradirocha indicaWildWood, Fuel, Fooder, FruitsLeavesTreeNamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMela acadarochWildWood, Fuel, FoodLeaves	13.	Herb	Gokshur	Tribulus terrestris	Wild	Fodder for Camels	Plant	Given in kidney problems
TreeInit <i>Tamarnatus natca</i> WildWood, Fuel, FoodFuitShuhKateri, Kantali <i>Solamun suratusus</i> WildWood, Fuel, Fodder, FamineLeaf, StemTreekhaktaButea monospermaWildWood, Fuel, Fodder, FamineBarkTreeBelAegte marmetosWildWood, Fuel, Fodder, FamineBarkTreeBelAegte marmetosWildWood, Fuel, Fodder, FondFuelTreeAduaAllanthus excelsaWildWood, Fuel, Fodder, andBarkTreeAduaAllanthus excelsaWildWood, Fuel, Fodder, andBarkTreeValorAtaAllanthus excelsaWildWood, Fuel, Fodder, andLeavesTreeVaenAradirachin indicoWildWood, Fuel, Fodder, FruitsLeavesTreeNamMangifera indicoWildWood, Fuel, Fodder, FruitsLeavesTreeNamMangifera indicoWildWood, Fuel, Fodder, FruitsLeavesTreeSatanMelia caradarachWildWood, Fuel, Fodder, FruitsLeavesTreeSatanMelia caradarachWildWood, Fuel, Fodder, FruitsLeavesTreeBakayanMelia caradarachWildWood, Fuel, Fodder, FuitsLeaves	14.	Shrub	Ratanjot	Jatropha curcas	Wild	Fuel	Latex	Treating cut and wounds. Applied on bleeding wounds
ShuthKateri, KantaliSolanum surratenseWildSoil hinderLeaf, StemTreeKhakraButea monospermaWildWood, Fuel, Fodder, FamineBarkTreeBelAegle marnelosWildWood, Fuel, Fodder, FoddFruitHerhDholi musliChlorophytum tuberosumWildWood, Fuel, Fodder, FoddFruitTreeAduaAfilanthus excelsaWildWood, Fuel, Fodder, Fodder andBarkTreeAduaAfilanthus excelsaWildWood, Fuel, Fodder andBarkTreeVeamAradirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNemAradirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, Fodder, FruitsLeavesTreeBakayanMelta azadarachWildWood, Fuel, Fodder, FruitsLeaves	15.	Tree	Imli	Temarindus indica	Wild	Wood, Fuel, Food	Fruit	Ripe fruit dipped in water and water is applied on whole
ShruhKateri, KantaliSolamm surrationseWildSoil hinderLeaf, StemTreeKhakraButea monospermaWildWood, Fuel, Fodder, FamineBarkTreeBelAegle marmelosWildFuel, Fodder, FamineBarkHerhDholi musliChlorophytum tuberostumWildFuel, Fodder, FoodFruitTreeBelAegle marmelosWildWood, Fuel, Fodder, FoodFruitTreeAduaAlianthus excelsaWildWood, Fuel, Fodder andBarkTreeCastorKictnus communisWildWood, Fuel, Fodder andBarkTreeUsenAcadirachia indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNemAcadirachia indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNamAcadirachia indicaWildWood, Fuel, Fodder, FruitsLeavesTreeBakayanMetia acadarachWildWood, Fuel, Fodder, FruitsLeavesTreeBakayanMetia acadarachWildWood, Fuel, Fodder, FruitsLeaves								body for sun stroke.
TreeKhakraButea monospermaWildWood, Fuel, Fodder, FamineBark Fod, Fibre, FuitIreeBelAegte marmetosWildWood, Fuel, Fodder, FondFruitHerbDholi mustiChlorophytum tuberosumWildMedicinalRootTreeAduaAtlanthus excelsaWildWood, Fuel, Fodder, FondBarkTreeAduaAtlanthus excelsaWildWood, Fuel, Fodder andBarkIreeCastorKictrus communisWildWood, Fuel, Fodder andLeavesTreeVeemAradirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamAmagifera indicaWildWood, Fuel, Fodder, FruitsLeavesTreeBakayanMetia acadarachWildWood, Fuel, Fodder, FruitsLeaves	16.	Shruh	Kateri, Kantali	Solamum suratiense	Wild	Soil binder	Leaf, Stem	Juice of leaf, stem and root given in respiratory diseases
TreeKhakraButea monospermaWildWood, Fuel, Fodder, FamineBarkIrreeBelAegle marnelosWildFuel, Fodder, FoudFruitHerbDholi musliChlorophyrum tuberostumWildMedicinalRootTreeAduaAtlanthus excelstaWildWood, Fuel, Fodder andBarkTreeCastorKicinus communisWildWood, Fuel, Fodder andBarkTreeUsemAradirachta indicaWildWood, Fuel, Fodder andLeavesTreeNemAradirachta indicaWildWood, Fuel, Fodder FruitsLeavesTreeNamMangifera indicaWildWood, Fuel, Fodder FruitsLeavesTreeBarayanMetia acadarachWildWood, Fuel, Fodder FruitsLeavesTreeBarayanMetia acadarachWildWood, Fuel, Fodder FruitsLeaves							and Root	and cold and cough.
IteeBelAegle marnelosWildFood, Fibre, FuttHerbDholi musliChlorophyrum tuberosumWildMedicinalRootTreeAduaAtlanthus excelsaWildWood, Fuel, Fodder andBarkTreeCastorKicnus communisWildWood, Fuel, Fodder andBarkTreeUsenKicnus communisWildWood, Fuel, Fodder andLeavesTreeVeemAradirachia indicaWildWood, Fuel, Fodder FruitsLeavesTreeNamMangifera indicaWildWood, Fuel, Fodder FruitsLeavesTreeBarayanMelia azadarachWildWood, Fuel, Fodder FruitsLeaves	17.	Tree	Khakra	Butea monosperma	Wild	Wood, Fuel, Fodder, Famine	Bark	Treating cut and wounds Bark is crushed and tied on
IreeBelAegle marnelosWildFuck, Fodder, FoodFruitHerbDholi musliChlorophytum tuberostumWildMedicinalRootTreeAduaAtlanthus excelsaWildWood, Fuel, Fodder andBarkIreeCastorKicnus communisWildWood, Fuel, Fodder andLeavesTreeVeemAcadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNeemAcadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, Fodder, FruitsLeavesTreeBakayanMelta acadarachWildWood, Fuel, Fodder, FruitsLeaves						Food, Fibre,		wounds. Leaves are used for making dona
HerbDholi musliChlorophynum tuberosumWildMedicinalRootTreeAduaAilanthus excelsaWildWood, Fuel, Fodder andBarkTreeCastorK:crnus communsWildWood, Fuel, Fodder andLeavesTreeVeemAcadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNeemAcadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMelta acadarachWildWood, Fuel, FoodLeaves	18.	Iree	Bel	Aegle marmelos	Wild	Fuel, Fodder, Food	Fruit	Leaves are burnt and the ash mixed in giloy juice and har
HerbDholi musliChlorophyrum tuborosumWildMedicinalRootTreeAduaAtlamhus excelsaWildWood, Fuel, Fodder andBarkTreeCastor <i>Ricinus communis</i> WildMedicinalLeavesTreeVeenAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNemAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMelia azadarachWildWood, Fuel, FoodLeaves								is given for large spleen. Fruit and leaves used in puja
TreeAduaAilanthus excelsaWildWood, Fuel, Fodder andBarkIreeCastor <i>Kicinus communis</i> WildMedicinalLeavesTreeNeemAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNamAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, FoddRootTreeBakayanMelia azadarachWildWood, Fuel, CodLeaves	19	Herh	Dholi musli	Chlorophytum tuberosum	PliW	Medicinal	Root	Treating vomiting and loosemotion Kada of root is given
TreeAduaAtlanthus excelsaWildWood, Fuel, Fodder andBarkIreeCastorK:cinus communisWildMedicinalLeavesTreeNeemAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeNamAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMelia azadarachWildWood, Fuel, FoodLeaves								in fever vomiting and loosemotion
IreeCastor <i>Kicinus communis</i> WildMedicinalLeavesTreeNeemAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMelia azadarachWildWood, Fuel, FoodLeaves	20.	Tree	Adua	Ailanthus excelsa	Wild	Wood, Fuel, Fodder and	Bark	Treating Animal fever Bark is crushed boiled and giver to animals for fever
Tree Veem Azadirachta indica Wild Wood, Fuel, Fodder, Fruits Leaves Tree Aam Mangifera indica Wild Wood, Fuel, Food Root Tree Bakayan Melta azadarach Wild Wood, Fuel, Food Root	10	Teas	. and an	Distance second	N-1-1	Modiation	20000	U duffilded DU LUTU.
TreeVeemAzadirachta indicaWildWood, Fuel, Fodder, FruitsLeavesTreeAamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMelta azadarachWildWood, Fuel,Leaves	.12	1100	C43101	INCITUS COMPANIES		MICHICIIIAI	LCaves	iteating wounds. Leaves warmed with mustary on and tied on wounds also used for removal of spine
TreeAamMangifera indicaWildFamine Food,TreeBakayanMelia azadarachWildWood, Fuel,Leaves	22.	Tree	Neem	Azadirachta indica	Wild	Wood, Fuel, Fodder, Fruits	Leaves	Treating Fever Kada of leaves given in fever.
TreeAamMangifera indicaWildWood, Fuel, FoodRootTreeBakayanMelia azadarachWildWood, Fuel,Leaves						Famine Food,		
Tree Bakayan Melia azadarach Wild Wood, Fuel, Leaves	23.	Tree	Aam	Mangifera indica	Mild	Wood, Fuel, Food	Root	Stomach problems. Dried root powder given to children in losse motion
ITEE BARAYAN MENA GZAGOTACH WIIG WOOD, FUEL, LEAVES	č	ł	Defense		FILM	Mined Fred		
	-4-	Iree	Bakayan	Mella azadarach	DIIW	wood, Fuel,	Leaves	I reating cough. Kada of leaves given in fever

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MEDICINAL PLANTS USED IN LOCAL HEALTHCARE SYSTEM



Cassia tora- used in dermatological problems



Andrographis echiodes – used in fever



Limonia acidissema used in chutenies and culinary purposes Fig. 1 : Diversity of medicinal plants



Gmelina arborescens -



Bryonopsis laceneosa - given for male child birth



Tephrosia purpurea - used in large spleen

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and herbs were recorded comprising agricultural crops (18), fruits (17), fodder(13), medicinal plants(44), weeds and wild relatives (65), ornamental(3), timber and fuel (18). Of the 44 medicinal plants two species were used in animal system and rest in the human system. The most common growth forms for medicinal plants herbs (21%), shrubs (21%), climbers (12.5%) and trees (45%). The roots (29%) and leaves (37%) are the commonly collected and used plant parts for medicinal purposes with flowers (8%), stem (8%), seeds (4.1%), bark (12.5%), fruit (8%) and whole herb (8%). Although, a large number of weeds (64 species) occur in the area but only 24 were being collected and in usage by the local inhabitants. At present the collection and preparation of the herbal drug is very informal (Table1 and Fig.1) but its efficacy is reported by the local people and the medical practitioner is quite good. For common problems like fever, cold, cough, minor wounds, cuts, headache, body ache, migraine, all villagers go to the ayurvedic doctor. These local healthcare systems have become an important part of their cultural heritage and it strengthens the fact that plants supply the main medicinal source for healthcare. Thus, it is necessary to part this knowledge on herbal traditions and their applications in regular health care system from these tribal communities to the modern world of medicines.

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