

Appendix 1. Plants of ethnoveterinary importance and their uses in southeastern Nigeria.

Botanical Name	Local Name	Plant Part Utilized	Diseases Treated	Treatment Methods
<i>Achornea cordifolia</i> Muell. – Arg. (Euphorbiaceae)	Ububo	Leaves and twigs	Deficient sex drive	The leaves are continually fed to male goats to improve poor libido
<i>Amaranthus spinosus</i> Linn. (Amaranthaceae)	Inine ogwu	Leaves	Ecto parasites (mange mites)	Leaves are squeezed and rubbed directly on affected parts for 20 – 30 days
<i>Aspilia africana</i> (Pers) C.D. Adams. (Asteraceae)	Oranjina	Leaves	Stops bleeding	Leaves are squeezed and pressed on the open cut to stop bleeding
<i>Baphia nitida</i> Lodd. (Fabaceae)	Abosi	Leaves	Diarrhoea	Fed directly or drenching of an aqueous decoction over several days (sheep and goats)
<i>Bryophyllum pinnatum</i> (Lam) Oken. (Cransulaceae)	Oda – opuo	Leaves	Fungal infection	Leaves are squeezed and juice applied on affected part for several days (ruminants pigs and dogs)
<i>Chromolaena odorata</i> (L.) R.M. King & Robinson (Asteraceae)	Akwukwo Eliza	Leaves	Bleeding and wound healing	Leaves are squeezed and the juice applied on the fresh wound
<i>Cocos nucifera</i> Linn. (Arecaceae)	Aki-bekee	The milk	Cyanide poison from cassava	The milk and red oil are given at early stages of poisoning to ameliorate the effects
<i>Costus afer</i> Ker – Gawl. (Zingiberaceae)	Okpete	Leaves and stem	Dehydration	Counter to the effects of overdosing of other drugs Fed directly to dehydrated goats
<i>Dioscorea bulbifera</i> Linn. (Dioscoreaceae)	Adu	Aerial Tuber	Female reproductive disorder	The aerial tuber is boiled and the decoction used for drenching female dogs; in order to induce heat
<i>Dioscorea dumetorum</i> (Kunth) Pax. (Dioscoreaceae)	Ona	Tuber	Poor Libido	Fed directly to male goats to improve deficient sex drive

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Appendix 1 (contd.)

Botanical Name	Local Name	Plant Part Utilized	Diseases Treated	Treatment Methods
<i>Emilia pretermissa</i> Milne – Redhead (Asteraceae)	Nti Ogimi	Leaves and stem	Diarrhoea	Fed directly or drenched across several days with an aqueous decoction of the plant
<i>Elaeise guineensis</i> Jacq. (Arecaceae)	Nkwu	Red Oil	Ruminant bloat Abscesses Poxes and scabies	Few spoons of red oil is given to ruminants to retard gas accumulation in the ruminants Mixed with little salt and applied to induce faster draining of abscess Red oil is rubbed on the affected part across several days
		Fruit bunch	Fleas and lice	The fruit bunch is burnt with certain leaves to drive of fleas and lice from chicken coops
		Fresh leaves	Antibiotic	Reported at Umugo in Abia state to exhibit antimicrobial properties
<i>Euphorbia hirta</i> Linn. (Euphorbiaceae)	Asisa	Latex	Dysentery, Purgative, Conjunctivitis and Wound healing	The latex is utilized in various ways either mixed with some proportion of water for drenching or applied directly on wounds
<i>Harungana madagascariensis</i> Lian ex Poir (Clusiaceae)	Otiri	Leaves	Diarrhoea	Aqueous decoction of the leaves is drenched across several days
			Reproductive problems	Reported at Umugo to interrupt heat in female sheep and goats
<i>Kerstingella geocarpa</i> Harms (Fabaceae)	Akidi ala	Leaves	Poxes and skin infections	Leaves are squeezed and the juice applied on affected part for several days
<i>Manniophyton fulvum</i> Muell. – Arg. (Euphorbiaceae)	Odunwangwere	Leaves and twigs	Body conditioning	Leaves are fed directly to fatten does in readiness for pregnancy thereby enhancing conception
<i>Microdesmis puberula</i> Hook F. (Euphorbiaceae)	Mkpiri	Leaves	Diarrhoea Nose bleeding Stomach upset	Fed directly to stop running stomach; leaf juice is squeezed into the bleeding nose to stop nose bleeding or fed directly to alleviate stomach upset

contd.

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Botanical Name	Local Name	Plant Part Utilized	Diseases Treated	Treatment Methods
<i>Nicotiana tabacum</i> Linn. (Solanaceae)	Otaba	Dried leaves	Estrous ovis	A powder made of the leaves and local potash is deposited in the nostrils of affected sheep to induce sneezing and consequent expulsion of the parasite
		Dried leaf powder	Lice and fleas	This preparation can also be sprinkled in poultry coops to eliminate lice and fleas
		Whole plant	Snake repulsion	The shrub is planted around compound farms to repel snakes
<i>Ocimum basilicum</i> Linn. (Lamiaceae)	Ahigbo	Leaves	Insect repellent	Repels biting insects when smoked around animal houses
			Fungal infections	Leaves are squeezed and juice applied on the affected parts
<i>Pterocarpus mildbraedii</i> Harms (Fabaceae)	Oha	Leaves	Heat induction	Leaves are fed to mature female goats across several days to induce conception
<i>Spondias mombin</i> Linn. (Anacardiaceae)	Ijikara	Leaves	Placenta retention	Leaves are fed directly for placenta expulsion after parturition in sheep and goats
<i>Strophanthus hispidus</i> Dc. (Apocynaceae)	Osikaguru	Leaves	Swollen tissues	Leaf paste is applied topically on affected parts across several days
			Poison	The seed is ground and mixed with certain leaves to produce poisons for tipping arrows
<i>Urena lobata</i> Linn. (Malvaceae)	Oke udo	Leaves	Diarrhoea	Fed directly to affected animals
<i>Venonia amygdalina</i> Del. (Asteraceae)	Onugbu	Leaves	Endoparasites	Fed periodically to pigs, sheep and goats for deworming purposes