Table S1: Comparison of the review paper to previous review papers in Southern Africa.

Review Paper	Focus and Scope	Key Findings	How this review differs and adds value
(Mapiye et al., 2011).	Focus: Utility of *Acacia karroo* specifically for beef production. Scope: Single-species review.	Highlighted the high nutritive value of A. *karroo* but also its invasive nature and challenges with tannins. Emphasized its potential for smallholder systems.	Broader Scope: Reviewed 122 species, not just one. Systematic Comparison: Provided a ranked list (via RFC) to compare the importance of plant species.
(Franzel et al., 2014)	Focus: Fodder trees across all of Africa, their adoption, and impact on livelihoods. Scope: Pan-African; focused on introduced species (e.g., Leucaena) and adoption constraints.	Found that fodder trees can significantly improve smallholder livelihoods. Major constraints to adoption include scarce land, labour, and limited species appropriateness.	Regional Focus: Exclusively on Southern Africa. Species Focus: On indigenous species, not introduced ones. Deeper IK Integration: Uses ethnobotanical metrics (FC, RFC) to base analysis on local preference, not just scientific potential.
(Akinnifesi et al., 2008)	Focus: Miombo fruit trees (e.g., Uapaca, Sclerocarya) for commercialization and food security. Scope: Trees for food, income, and fodder in the Miombo Eco-region.	Documented the potential of indigenous fruit trees to generate income and improve nutrition. Fodder was a secondary, not primary, focus.	Primary Focus on Fodder: Livestock production is the central theme. Broader Eco-regions: Includes savanna, arid, and desert zones, not just Miombo. Climate Adaptation: Explicitly analyzes species through a climate resilience lens.
(Sileshi et al., 2007)	Focus: Ecosystem services of agroforestry in the Miombo Eco-region. Scope: Broad ecosystem services (soil fertility, water, biodiversity, food).	Provided a comprehensive overview of benefits but was not a systematic review of species for a single service (like fodder).	Systematic Ethnobotany: Methodically collects and quantifies data specifically on browse species. *In Vivo* Evidence: Adds a layer of empirical nutritional evidence from animal trials, which Sileshi et al. did not focus on.
(Cooke et al., 2023)	Focus: The nutritional gap in ruminant forage in Southern Africa. Scope: Reviews the seasonality and quality of grasses and rangelands, not trees.	Clearly established the severity of dry season feed deficits and the poor quality of available grasses and crop residues.	Solutions-Oriented: the review directly addresses the problem defined by Cooke et al. by reviewing the sustainable solution (browse trees). Shifts focus from the problem to a validated mitigation strategy.

Table S2: The Frequency of Citation (FC) and Relative Frequency of Citation (RFC) of the 122 plant species that are browsed by ruminant livestock in Southern Africa.

Rank	Plant Species	FC	RFC
Most mentioned browse species RFC ≥ 0.15 (8 species)	*D. cinerea*	12	0.29
	C. mopane	11	0.27
	A. karroo, S. birrea	8	0.20
	A. tortilis	7	0.17
	A. erioloba, B. albitrunca, O. ficus-indica	6	0.15
Moderately mentioned browse species RFC 0.05–0.14 (34 species)	*A. nilotica, A. digitata, C. apiculatum, C. collinum, G. flavescens, T. prunioides, T. sericea, Z. mucronata*	4	0.10
	A. albida, A. hebeclada, A. mellifera, B. discolour, C. imberbe, F. sycomorus, G. bicolor, G. flava, H. petersiana, M. oleifera	3	0.07
	C. abbreviate, A. Senegal, A. adianthifolia, A. johnsonii, B. petersiana, C. alexandri, C. jamaracu, D. mespiliformis, F. thonningii, G. villosa, H. crenata, L. capassa, M. zanzibarica, M. azedarach, P. nelsii, S. persica	2	0.05
Least mentioned browse species RFC < 0.05 (80 species)	*A. burkei, A. galpinii, A. hereroensis, A. mearnsii, A. nigrescens, A. xanthophloea, A. amara, A. ferruginea*		
	A. africanus, A. senegalensis, B. massalensis, B. galpinii, B. grossa, B. spiciformis, B. ferruginea, B. micrantha, B. Africana,C. tomentos, C. transvaalensis, C. edulis, C. gomphophylla, C. erythrophyllum, C. hereroense, C. molle, C. mossambicense, C. Africana, C. glandulosa, C. mossamedensis, C. brevicaudata, C. gratissimus, C. schweinfurthii, E. guineensis, E. abyssinica, E. abyssinica, E. africanum, E. crispa, F. bubu , F. tettensis, G. cyclopetala, G. damine, G. monticola, G. retinervis, G. coleosperma, J. globiflora, K. Africana, L. nelsii, M. angolesis, M. indica, M. zeyheri, M. africanus, M. alba, M. nigra, O. pulchra, O. welwitschii, O. engelmannii, P. curatellifolia, P. Americana, P. macrocarpus, P. thonningii, P. Linnaeus, P. petiolaris, P. guajava, P. angolensis, Raphia spec., R. brevispinosum, R. trichotomum, R. heudelotii, S. Africana, S. quinqueloba, S. tragacantha, S. cocculoides, S. madagascariensis, S. cordatum, S. guineense, T. oxygona, T. brachystemma, T. orientale, X. zambesiaca, X. Americana, Z. mauritiana	1	0.02

Table S3: The genera of plant species cited to be browsed in Southern Africa.

Rank	Number of species	Genera
Dominant Genera (Highest Representation)	14	Acacia
	8	Grewia
	7	Combretum
	4	Ficus
	3	Albizia, Commiphora ,Terminalia
Moderately Represented Genera (2-3 species)	2	Bauhinia, Bridelia, Lonchocarpus, Morus, Opuntia, Rhigozum, Sterculia, Syzygium, Ziziphus
Low Representation (Single Species)	1	Adansonia, Allophylus, Androstachys, Annona, Baphia, Berchemia, Betula, Boscia, Brachystegia, Burkea, Capparis, Cassia, Cassine, Catha, Catophractes, Celtis, Cereus, Colophospermum, Craibia, Croton, Cunarium, Dichrostachys, Diospyros, Elaeis, Entada, Erythrina, Erythrophleum, Euclea, Guibourtia, Hippocratea, Hyphaene, Julbernadia, Kigelia, Maerua, Mangifera, Markhamia, Melia, Mimusops, Monotes, Moringa, Ochna, Oncoba, Parinari, Persea, Petersianthus Philenoptera, Piliastigma, Prosopis, Protea, Psidium, Pycnanythus, Raphia, Ricinodendron, Salvadora, Sclerocarya, Spirostachys, Strychnos ,Swartizia, Tephrosia, Trema, Xanthocercis, Ximenia

Table S4: The FIV and number of browse trees in Southern Africa belonging to the 34 botanical families.

Rank	Number of plant species	FIV	Botanical Family
Highly represented families	39	0.32	Fabaceae
	11	0.09	Malvaceae
	10	0.08	Combretaceae
Moderately represented families	6	0.05	Moraceae
	5	0.04	Bignoniaceae, Euphorbiaceae
	4	0.03	Burseraceae
	3	0.02	Arecaceae, Cactaceae, Capparaceae, Celastraceae, Mrytaceaem, Rhaminaceae
	2	0.02	Anacardiaceae, Ebenaceae, Lauraceae
Lowest represented families	1	0.01	Annonaceae,Betulaceae,Cannabaceae,Chrysobalanaceace, Dipterocarpaceae,Lecythidaceae,Loganiaceae, Meliaceae, Moringaceae, Myristicaceae, Ochnaceae, Olacaceae, Phyllanthaceae, Proteaceae, Salicaceae, Salvadoraceae, Sapindaceae, Sapotaceae

Table S5: The similarity Jaccard index between South Africa, Zimbabwe, Angola, Namibia, and Botswana in terms of plant species commonly browsed by ruminant livestock**.**

	South Africa	Angola	Namibia	Zimbabwe	Botswana
South Africa	1	0.08	0.13	**0.19**	0.13
Angola	0.08	1	0.05	0.1	0.06
Namibia	0.13	0.05	1	0.15	0.1
Zimbabwe	0.19	0.1	0.15	1	0.15
Botswana	0.13	0.06	0.1	0.15	1

Table S6: The other uses of the browse plant species found in Southern Africa and the mechanisms by which they contribute to climate change adaptation.

Climate change adaptation mechanism	Other Use	Number of plants	Plant names
treating diseases exacerbated by climate change	Medicinal	41	*A. johnsonii, D. cinerea, S. birrea, A. albida, A. karoo, M. zanzibarica, M. azedarach, A. mearnsii, C. abbreviate, A. amara, Z. Mauritania, A. adianthifolia, A. ferruginea, B. ferruginea, C. schweinfurthii, E. guineensis, E. abyssinica, E. abyssinica, E. africanum, O. welwitschii, P. petiolaris. P. angolensis, Raphia sp., R. heudelotii, S. quinqueloba, S. tragacantha. S. guineense, T. brachystemma, T. orientale, A. erioloba, A. hebeclada, B. albitrunca, X. Americana, M. oleifera, O. ficus-indica, C. alexandri, C. mopane, C. gratissimus, G. flava, T. prunioides, A. digitata*
Supports livelihoods (food/income) during climate shocks	Food	28	*C. mopane, G. flava, G. villosa, T. prunioides, A. digitata, S. birrea, A. karoo, A. nilotica, A. tortilis, M. zanzibarica, H. crenata, H. petersiana, P. angolensis, Z. mauritania, M. oleifera, O. ficus-indica, F. bubu, M. nigra, C. schweinfurthii, E. guineensis, E. abyssinica, O. welwitschii, Raphia sp., S. guineense, B. albitrunca, G. damine, G. retinervis, X. americana*
reducing ground temperature and evaporation	Shade	10	*A. erioloba, B. albitrunca, M. oleifera, D. cinerea, S. birrea, A. albida, A. karoo, A. tortilis, A. adianthifolia, C. abbreviata*
Supports livestock health in changing climates	Ethnoveterinary	6	*C. brevicaudata, F. thonningii, A. nilotica, A. karoo, C. mopane, S. birrea*
Control insects and pests exacerbated by climate change	Insect repellent	1	*A. digitata*
used for erosion control and protect against strong winds	Wind break	1	*A. mearnsii*

Table S7: Contribution of plant species with high FC and RFC to livestock productivity as highlighted in *in vivo* trials.

Plant Species Name	Part Used	Effect on livestock Productivity	Animal Species Tested	Country of study	Reference
O. ficus-indica	Cladodes	Increases voluntary water intake, increases growth rates, feed intake, and feed conversion efficiency, buffer dry season feed shortages and can lower feed costs.	Goats, Sheep	Namibia, South Africa, Zimbabwe	(Zeeman, 2005, Einkamerer, 2008, Menezes, 2008, Gusha et al., 2015, Shiningavamwe, 2009)
Acacia spp**.** (*A. erioloba*, A. *karroo*, *A. tortilis*)	Fruits/Pods	Cost-effective protein source for ruminants fed roughage-based diets. Improve dressing percentage, have low Dry Matter and nitrogen degradability	Cattle, Goats	South Africa, Zimbabwe	(Sikosana et al., 2005, Ngwa et al., 2002)
D. cinerea	Fruits/Pods	Boosts milk production in does, increasing kid growth rate and weaning rate, and reduced kid mortality. Cost effective protein substitute	Goats	Zimbabwe	(Maphosa et al., 2009, Smith et al., 2005, Sikosana et al., 2005)
Acacia spp. (*A. erioloba*, *A. karroo*, A. *tortilis*)	Leaves	Improved feed intake, weight gain, body condition score, feed conversion ratio, and carcass quality (increased albumin concentration and reduced glucose and cholesterol concentration). Reduced methane emissions.	Goats, Sheep	Namibia, South Africa	(Mapiye et al., 2009, Chelopo and Marume, 2024, Masiku, 2013, Mathobela, 2018, Brown et al., 2018, Brown and Ng'ambi, 2019, Kugedera et al., 2021)
D. cinerea	Leaves	Improved finishing weight gain and carcass quality comparable to standard diets.	Sheep	Namibia	(Shiningavamwe et al., 2024)
S. birrea	Seed Cake	Economical protein alternative to soybean meal. Improves meat protein and fatty acid profile.	Sheep	Botswana, South Africa	(Baleseng et al., 2023, Malebana, 2018)

Table S8: The leaf phenology and invasiveness status of plants commonly browsed by ruminant livestock in Southern Africa

Plant name	Invasiveness status in Southern Africa	Leaf phenology	References
A. erioloba	not invasive	Evergreen	(Murovhi and Materechera, 2006, Van der Merwe et al., 2019)
A. karroo	Invasive	Evergreen	(Hansford, 2015, Trytsman et al., 2023)
A. tortilis	not invasive	Evergreen	(Martin and Moss, 1997, Milton et al., 2007)
B. albitrunca	not invasive	Evergreen	(Marais, 2019, Maroyi, 2019)
C. mopane	not invasive	semi-deciduous	(Teshirogi et al., 2017, Sinthumule, 2024)
D. cinerea	Invasive	Deciduous	(Shikangalah et al., 2022, Valero-Jorge et al., 2024)
O. ficus-indica	Invasive	Evergreen	(Tesfay and Kreyling, 2021, Mdweshu and Maroyi, 2020)
S. birrea	not invasive	Deciduous	(Shackleton et al., 2002, Sinthumule and Mzamani, 2019)

Appendix 1: The list of plants cited in ethnobotanical studies in Southern Africa that are commonly browsed by ruminant livestock and their other uses.

Plant Name	Botanical Family	Local Name	Common Name	Country	Other Uses	Reference
Acacia albida	Fabaceae	Omuwe, Onowetu	apple ring acacia	Angola	-	(Bruschi et al., 2017)
Acacia albida	Fabaceae	Muhoto	apple ring acacia	South Africa	medicine, shade	(Magwede et al., 2019)
Acacia albida	Fabaceae	Shokoshoko	apple ring acacia	Zimbabwe	-	(Mudzengi et al., 2017)
Acacia burkei	Fabaceae	Mokgwa	black monkey thorn	Botswana	-	(Kgosikoma et al., 2012)
Acacia erioloba	Fabaceae	Omwonde, Muhoto	camel thorn	Namibia	-	(Kasale, 2013)
Acacia erioloba	Fabaceae	Mogotho	camel thorn	Botswana	-	(Kgosikoma et al., 2012)
Acacia erioloba	Fabaceae	Omwonde, Muhoto	camel thorn	Namibia	-	(Marius et al., 2017)
Acacia erioloba	Fabaceae	Mogotho	camel thorn	Botswana	construction, farm implements, furniture, shade, medicine	(Neelo et al., 2015)
Acacia erioloba	Fabaceae	mogohlo	camel thorn	South Africa	Firewood	(Rankoana, 2016)

Acacia erioloba	Fabaceae	Omwonde, Muhoto	camel thorn	Namibia	-	(Katjiua, 2006)
Acacia galpinii	Fabaceae	Munanga	Monkey-thorn	South Africa	-	(Kujoana et al., 2022)
Acacia hebeclada	Fabaceae	Sekhi	candle thorn	Botswana	-	(Kgosikoma et al., 2012)
Acacia hebeclada	Fabaceae	Setshi	candle thorn	Botswana	Medicine	(Neelo et al., 2015)
Acacia hebeclada	Fabaceae		candle thorn	Namibia	-	(Katjiua, 2006)
Acacia hereroensis	Fabaceae	Oroo	mountain thorn	Namibia	-	(Marius et al., 2017)
Acacia karroo	Fabaceae	Muunga	Sweet thorn	Zimbabwe	medicine	(Dowo and De Garine-Witchatitsky, 2024)
Acacia karroo	Fabaceae	Muungu, Mupfamutshena	Sweet thorn	South Africa	edible gum, medicine, firewood, shade, ornamental	(Magwede et al., 2019)
Acacia karroo	Fabaceae	Orusu	Sweet thorn	Namibia	-	(Marius et al., 2017)
Acacia karroo	Fabaceae	Umnga	Sweet thorn	South Africa	Ethnoveterinary, medicine	(Maroyi, 2017)
Acacia karroo	Fabaceae	Umga, Umunga	Sweet thorn	South Africa	construction, firewood, medicine	(Maroyi, 2022)
Acacia karroo	Fabaceae	Muunga	Sweet thorn	Zimbabwe	-	(Mudzengi et al., 2017)

Acacia karroo	Fabaceae	Umga, Umunga	Sweet thorn	South Africa	Ethnoveterinary	(Semenya et al., 2019)
Acacia karroo	Fabaceae	Umga, Umunga	Sweet thorn	South Africa	-	(Nyambali et al., 2023)
Acacia mearnsii	Fabaceae	Inlwabasi	black wattle	South Africa	construction, firewood, medicine, windbreak	(Maroyi, 2022)
Acacia mellifera	Fabaceae	Mongana	black thorn acacia	Botswana	-	)(Kgosikoma et al., 2012)
Acacia mellifera	Fabaceae	Okadhilankono	black thorn acacia	Namibia	-	(Marius et al., 2017)
Acacia mellifera	Fabaceae	Okadhilankono	black thorn acacia	Namibia	-	(Katjiua, 2006)
Acacia nigrescens	Fabaceae	muunga, mooka, umKhaya	knob thorn	South Africa	construction, firewood	(Magwede et al., 2019)
Acacia nilotica	Fabaceae	Omukete,Omuki	scented thorn	Angola	-	(Bruschi et al., 2017)
Acacia nilotica	Fabaceae	Musu, Muswu	scented thorn	South Africa	Ethnoveterinary	(Chepape et al., 2014)
Acacia nilotica	Fabaceae	Musu, Muswu	scented thorn	South Africa	edible gum, firewood, construction	(Magwede et al., 2019)
Acacia nilotica	Fabaceae	Mokga	scented thorn	Botswana	-	(Mugari et al., 2024)
Acacia Senegal	Fabaceae	Mukondo	gum acacia	Angola	-	(Bruschi et al., 2017)

Acacia Senegal	Fabaceae	Isikhambophane, Mungana Todwa, Muunga-thuda	gum acacia	South Africa	-	(Semenya et al., 2019)
Acacia tortilis	Fabaceae	Sesoni, Umsasone	umbrella thorn	Zimbabwe	firewood, timber	(Dowo and De Garine-Witchatitsky, 2024)
Acacia tortilis	Fabaceae	Mosu	umbrella thorn	Botswana	-	(Kgosikoma et al., 2012)
Acacia tortilis	Fabaceae	Musu, Muswu	umbrella thorn	South Africa	edible gum, cordage, construction, firewood, shade	(Magwede et al., 2019)
Acacia tortilis	Fabaceae	Sesoni,Umsasone	umbrella thorn	Zimbabwe	-	(Mudzengi et al., 2017)
Acacia tortilis	Fabaceae	mosu	umbrella thorn	South Africa	Firewood	(Rankoana, 2016)
Acacia tortilis	Fabaceae	Sesoni,Umsasone	umbrella thorn	Zimbabwe	-	(Charambira et al., 2021)
Acacia tortilis	Fabaceae	Musu	umbrella thorn	South Africa	-	(Kujoana et al., 2022)
Acacia xanthophloea	Fabaceae	Kelenga	yellow fever tree	Zimbabwe	-	(Mudzengi et al., 2017)
Adansonia digitata	Malvaceae	omukwa, mowana, mubuyu	Baobab	Namibia	medicine, food, cosmetic, insect repellent, firewood	(Lisao et al., 2017)
Adansonia digitata	Malvaceae	Mabuwu,Muwu	Baobab	Zimbabwe	-	(Mudzengi et al., 2017)

Adansonia digitata	Malvaceae	Muvhuyu	Baobab	South Africa	-	(Semenya et al., 2019)
Adansonia digitata	Malvaceae	Muvhuyu	Baobab	South Africa	-	(Kujoana et al., 2022)
Albizia amara	Fabaceae	Muchangiza, Mugarahanga, Umbola	oil cake tree	Zimbabwe	medicine	(Dowo and De Garine-Witchatitsky, 2024)
Albizia adianthifolia	Fabaceae	Mulu, Mulukai	flat crown	Angola	medicine, construction	(Lautenschläger et al., 2018)
Albizia adianthifolia	Fabaceae	Muelela, Muvhandangoma	flat crown	South Africa	medicine, craftwork, construction, shade, firewood, ornamental	(Magwede et al., 2019)
Albizia ferruginea	Fabaceae	Mukaba, Nsuemba	false thorn albizia	Angola	Medicine	(Lautenschläger et al., 2018)
Allophylus africanus	Sapindaceae	Mbanzu mbanzu	African false currant	Angola	-	(Lautenschläger et al., 2018)
Androstachys johnsonii	Euphorbiaceae	Musimbiri	Ironwood	South Africa	construction, firewood, medicine	(Bakali et al., 2017)
Androstachys johnsonii	Euphorbiaceae	Musimbiri	Ironwood	South Africa	medicine, construction	(Magwede et al., 2019)
Annona senegalensis	Annonaceae	Muembe	African custard-apple	South Africa	-	(Kujoana et al., 2022)
Baphia massalensis	Fabaceae	Ofufe, Isunde	sand camwood	Namibia	-	(Marius et al., 2017)

Bauhinia galpinii	Fabaceae	Beesklouklimop, Umdlandlovu, Mutswiriri	orchid tree	South Africa	-	(Chepape et al., 2014)
Bauhinia petersiana	Fabaceae	Ofufe	white bauhinia	Namibia	-	(Marius et al., 2017)
Bauhinia petersiana	Fabaceae	Ofufe	white bauhinia	Namibia	-	(Katjiua, 2006)
Berchemia discolor	Rhaminaceae	Munyii	bird plum	Zimbabwe	-	(Mudzengi et al., 2017)
Berchemia discolour	Rhaminaceae	Omumbe	bird plum	Angola	-	(Bruschi et al., 2017)
Berchemia discolour	Rhaminaceae	ombe, omuve, muzingili	bird plum	Namibia	-	(Kasale, 2013)
Betula grossa	Betulaceae	-	Japanese Cherry Birch	Namibia	-	(Sullivan, 1998)
Boscia albitrunca	Capparaceae	Motlope	sherpherd's tree	Botswana	-	(Kgosikoma et al., 2012)
Boscia albitrunca	Capparaceae	Shukutsu	sherpherd's tree	Zimbabwe	-	(Mudzengi et al., 2017)
Boscia albitrunca	Capparaceae	Motapi	sherpherd's tree	Botswana	food, medicine, shade	(Neelo et al., 2015)
Boscia albitrunca	Capparaceae	omunkunzi, omungwindi, munkudi	sherpherd's tree	Namibia	-	(Kasale, 2013)
Boscia albitrunca	Capparaceae	omunkunzi, omungwindi, munkudi	sherpherd's tree	Namibia	-	(Katjiua, 2006)
Boscia albitrunca	Capparaceae	Muthobi	sherpherd's tree	South	-	(Kujoana et al.,

				Africa		2022)
Brachystegia spiciformis	Fabaceae		Zebrawood	Zimbabwe	-	(Mudzengi et al., 2017)
Bridelia ferruginea	Euphorbiaceae	Mukalakala, Mwindu,	fruiting branch	Angola	medicine, construction	(Lautenschläger et al., 2018)
Bridelia micrantha	Phyllanthaceae	Minzundu, Mukalakala	Mitseeri	Angola	-	(Lautenschläger et al., 2018)
Burkea Africana	Fabaceae	Kilobo	wild seringa	Angola	-	(Lautenschläger et al., 2018)
Capparis tomentos	Capparaceae	Gwambazi	African caper	South Africa	-	(Kujoana et al., 2022)
Cassia abbreviate	Fabaceae	Igonde Musasa	long tail cassia	South Africa	medicine, rituals, shade	(Rasekgala, 2018)
Cassia abbreviate	Fabaceae	Murumanyama	long tail cassia	Zimbabwe	-	(Mudzengi et al., 2017)
Cassine transvaalensis	Celastraceae	Mulumanamana	bushveld saffron	South Africa	-	(Kujoana et al., 2022)
Catha edulis	Celastraceae	Inandinandi, Igqwaka, Umhlwazi, Rithadzi, Luthadzi	Bushman's tea	South Africa	-	(Chepape et al., 2014)
Catophractes alexandri	Bignoniaceae	Omukaravize	trumpet thorn	Namibia	construction, medicine	(Inman et al., 2020)
Catophractes alexandri	Bignoniaceae	Okalyadi, Omukaravize	trumpet thorn	Namibia	-	(Marius et al., 2017)
Celtis gomphophylla	Lauraceae	Munzunzua, Mfinda	Rough-leaved white-stinkwood	Angola	-	(Lautenschläger et al., 2018)

Cereus jamaracu	Cactaceae	Unoroshe	Queen of the night	South Africa	-	(Atyosi et al., 2019)
Cereus jamaracu	Cactaceae	Unoroshe	Queen of the night	South Africa	-	(Maroyi, 2022)
Colophospermum mopane	Fabaceae	Omutuate,Omuthyati	Mopane	Angola	-	(Bruschi et al., 2017)
Colophospermum mopane	Fabaceae	Mopane	Mopane	Zimbabwe	medicine, ethnoveterinary, firewood, timber	(Dowo and De Garine-Witchatitsky, 2024)
Colophospermum mopane	Fabaceae	Omusati	Mopane	Namibia	construction, medicine, food, firewood	(Inman et al., 2020)
Colophospermum mopane	Fabaceae	Omusati	Mopane	Namibia	-	(Kasale, 2013)
Colophospermum mopane	Fabaceae	Mupani, Mutanani	Mopane	South Africa	edible caterpillar, toothbrush, medicine, construction, firewood	(Magwede et al., 2019)
Colophospermum mopane	Fabaceae	Omusati	Mopane	Namibia	-	(Marius et al., 2017)
Colophospermum mopane	Fabaceae	Mopane, Xanatis	Mopane	Zimbabwe	-	(Mudzengi et al., 2017)
Colophospermum mopane	Fabaceae	Mophone	Mopane	Botswana	-	(Mugari et al., 2024)
Colophospermum mopane	Fabaceae	Mupani	Mopane	South Africa	Firewood	(Tshisikhawe and Malunga,

						2017)
Colophospermum mopane	Fabaceae	Mopane	Mopane	Zimbabwe	-	(Charambira et al., 2021)
Colophospermum mopane	Fabaceae	Mupani	Mopane	South Africa	-	(Kujoana et al., 2022)
Combretum apiculatum	Combretaceae	Chikukutsi	red bushwillow	Zimbabwe	firewood, timber	(Dowo and De Garine-Witchatitsky, 2024)
Combretum apiculatum	Combretaceae	Omombuti	red bushwillow	Namibia	-	(Marius et al., 2017)
Combretum apiculatum	Combretaceae	Chikukutsi	red bushwillow	Zimbabwe	-	(Mudzengi et al., 2017)
Combretum apiculatum	Combretaceae	Musingizi	red bushwillow	South Africa	-	(Kujoana et al., 2022)
Combretum collinum	Combretaceae	Mutobo	weeping bushwillow	Namibia	-	(Marius et al., 2017)
Combretum collinum	Combretaceae	Modubana	weeping bushwillow	Botswana	-	(Neelo et al., 2015)
Combretum collinum	Combretaceae	Mutobo	weeping bushwillow	Namibia	-	(Kasale, 2013)
Combretum collinum	Combretaceae	Mutobo	weeping bushwillow	Namibia	-	(Katjiua, 2006)
Combretum erythrophyllum	Combretaceae	Omoludu	River bushwillow	South Africa	-	(Maroyi, 2022)

Combretum hereroense	Combretaceae	umhlalavane, mokabi, lsihlalavane, mugavhi	Russet bushwillow	South Africa	-	(Chepape et al., 2014)
Combretum imberbe	Combretaceae	Omumpup	Leadwood	Angola	-	(Bruschi et al., 2017)
Combretum imberbe	Combretaceae	Mutsviri, Mondo	Leadwood	Zimbabwe	-	(Mudzengi et al., 2017)
Combretum imberbe	Combretaceae	Motswiri	Leadwood	Botswana	-	(Mugari et al., 2024)
Combretum molle	Combretaceae	Mohudiri	Velvet bush willow	Botswana	-	(Mugari et al., 2024)
Combretum mossambicense	Combretaceae	Motsoketsane	Mozambique bushwillow	Botswana	-	(Neelo et al., 2015)
Commiphora Africana	Burseraceae	omukuya, mutjimagongombe	African myrrh	Namibia	-	(Katjiua, 2006)
Commiphora glandulosa	Burseraceae	omukange	Tall common corkwood	Namibia	Cosmetics	(Inman et al., 2020)
Commiphora mossamedensis	Burseraceae	Omuxiti	Mozambique balsam	Angola	-	(Bruschi et al., 2017)
Craibia brevicaudata	Fabaceae	Mutoko	Mountain peawood	Angola	Ethnoveterinary	(Bruschi et al., 2017)
Croton gratissimus	Euphorbiaceae	omuaango, omumbango, mbango	lavender croton	Namibia	Medicine	(Inman et al., 2020)
Cunarium schweinfurthii	Burseraceae	Kimfwabidi, Mbidi	bush candle	Angola	medicine, food	(Lautenschläger et al., 2018)

Dichrostachys cinerea	Fabaceae	Phelalegolona, Bigaku, Ugagake, Keye, Murenzhe	Sickle bush	South Africa	medicine, firewood, shade, construction	(Baloyi et al., 2024)
Dichrostachys cinerea	Fabaceae	Omupandji	Sickle bush	Angola	-	(Bruschi et al., 2017)
Dichrostachys cinerea	Fabaceae	Phelalegolona, Bigaku, Ugagake, Keye, Murenzhe	Sickle bush	South Africa	-	(Chepape et al., 2014)
Dichrostachys cinerea	Fabaceae	Mupangara, Ndenge, Ugagu	Sickle bush	Zimbabwe	firewood, timber	(Dowo and De Garine-Witchatitsky, 2024)
Dichrostachys cinerea	Fabaceae	onyege, omutjete, mwege	Sickle bush	Namibia	-	(Kasale, 2013)
Dichrostachys cinerea	Fabaceae	Moselesele	Sickle bush	Botswana	-	(Kgosikoma et al., 2012)
Dichrostachys cinerea	Fabaceae	Phelalegolona, Bigaku, Ugagake, Keye, Murenzhe	Sickle bush	South Africa	magic, medicine, cordage, firewood, construction, craftwork	(Magwede et al., 2019)
Dichrostachys cinerea	Fabaceae	Ongete, Muselesele	Sickle bush	Namibia	-	(Marius et al., 2017)
Dichrostachys cinerea	Fabaceae	Mupangara, Ndenge, Ugagu	Sickle bush	Zimbabwe	-	(Mudzengi et al., 2017)

Dichrostachys cinerea	Fabaceae	Phelalegolona, Bigaku, Ugagake, Keye, Murenzhe	Sickle bush	South Africa	Construction	(Rankoana, 2016)
Dichrostachys cinerea	Fabaceae	Phelalegolona, Bigaku, Ugagake, Keye, Murenzhe	Sickle bush	South Africa	-	(Semenya et al., 2019)
Dichrostachys cinerea	Fabaceae	Murenzhe	Sickle bush	South Africa	-	(Kujoana et al., 2022)
Diospyros mespiliformis	Ebenaceae	Musuma, Mgula, Umtoma	jackal berry	South Africa	-	(Chepape et al., 2014)
Diospyros mespiliformis	Ebenaceae	Musuwa, Tithoma	jackal berry	Zimbabwe	-	(Mudzengi et al., 2017)
Elaeis guineensis	Arecaceae	Dende, ngazi, nkala	oil palm	Angola	medicine, fish traps, food, rituals	(Lautenschläger et al., 2018)
Entada abyssinica	Fabaceae	Nsofi	splinter bean	Angola	medicine, soap	(Lautenschläger et al., 2018)
Erythrina abyssinica	Fabaceae	Lungu nlungu, mungoma ngoma	lucky bean tree	Angola	medicine, food	(Lautenschläger et al., 2018)
Erythrophleum africanum	Fabaceae	Ngungu, Lugungu	ordeal tree	Angola	medicine, charcoal, ritual, construction	(Lautenschläger et al., 2018)
Euclea crispa	Ebenaceae	Mutangule-ngele	blue guarri	South Africa	-	(Kujoana et al., 2022)
Ficus bubu	Moraceae	Catato,Milenda, Gazelo	bubu fig	Angola	charcoal, food	(Lautenschläger et al., 2018)

Ficus sycomorus	Moraceae	Usolo, Mukuyo	Sycamore fig	Angola	-	(Bruschi et al., 2017)
Ficus sycomorus	Moraceae	Umkhiwa, Nkuwa, Mochaba, Muhuvhoya	Sycamore fig	South Africa	-	(Chepape et al., 2014)
Ficus sycomorus	Moraceae	Muonde, Mikuwa	Sycamore fig	Zimbabwe	-	(Mudzengi et al., 2017)
Ficus tettensis	Moraceae	Tchangulu	Small-leaved rock fig	Angola	-	(Bruschi et al., 2017)
Ficus thonningii	Moraceae	Omuiunda	common wild fig	Angola	Ethnoveterinary	(Bruschi et al., 2017)
Ficus thonningii	Moraceae	Umthombe	common wild fig	South Africa	Ethnoveterinary	(Semenya et al., 2019)
Grewia bicolor	Malvaceae	Omushe	two coloured raisin bush	Namibia	-	(Marius et al., 2017)
Grewia bicolor	Malvaceae	Magwana	two coloured raisin bush	Botswana	-	(Mugari et al., 2024)
Grewia bicolor	Malvaceae	Mutongoro, Umpumpulwane, Ngiri	two coloured raisin bush	Zimbabwe	-	(Charambira et al., 2021)
Grewia cyclopetala	Malvaceae	Mokonda	circular petalled grewia	Angola	-	(Bruschi et al., 2017)
Grewia damine	Malvaceae	Mogwana	salvia leaved crossberry	Botswana	food, furniture	(Neelo et al., 2015)
Grewia flava	Malvaceae	omushe, omuvapu, moretlwa	velvet raisin	Namibia	medicine, food, make walking sticks	(Inman et al., 2020)

Grewia flava	Malvaceae	Moretlwa	velvet raisin	Botswana	-	(Kgosikoma et al., 2012)
Grewia flava	Malvaceae	omushe, omuvapu, moretlwa	velvet raisin	Namibia	-	(Katjiua, 2006)
Grewia flavescens	Malvaceae	Omumbole,Munama	rough leaved raisin	Angola	-	(Bruschi et al., 2017)
Grewia flavescens	Malvaceae	Mothetlwa	rough leaved raisin	South Africa	house utensils	(Rankoana, 2016)
Grewia flavescens	Malvaceae	Mothetlwa	rough leaved raisin	South Africa	-	(Semenya et al., 2019)
Grewia flavescens	Malvaceae	Mubhununu, Ubhunzu, Umklampunzi	rough leaved raisin	Zimbabwe	-	(Charambira et al., 2021)
Grewia monticola	Malvaceae	Omumpapu	grey raisin	Angola	-	(Bruschi et al., 2017)
Grewia retinervis	Malvaceae	Mokgomphatha	retinerved star berry	Botswana	Food	(Neelo et al., 2015)
Grewia villosa	Malvaceae	Ominkota	Mallow raisin	Angola	-	(Bruschi et al., 2017)
Grewia villosa	Malvaceae	cicwa	Mallow raisin	Namibia	food, walking sticks	(Inman et al., 2020)
Guibourtia coleosperma	Fabaceae	omusii, usivi, muzauli	African rosewood	Namibia	-	(Kasale, 2013)
Hippocratea crenata	Celastraceae	Sengeti	valley padde pod	Zimbabwe	Food	(Dowo and De Garine-Witchatitsky, 2024)

Hippocrratea crenata	Celastraceae	Sengeti	valley padde pod	Zimbabwe	-	(Mudzengi et al., 2017)
Hyphaene petersiana	Arecaceae	Ilala, Murara,	real fan palm	Zimbabwe	Food	(Dowo and De Garine-Witchatitsky, 2024)
Hyphaene petersiana	Arecaceae	Mukwangwala	real fan palm	Zimbabwe	-	(Mudzengi et al., 2017)
Hyphaene petersiana	Arecaceae	Mokolwane	real fan palm	Botswana	-	(Mugari et al., 2024)
Julbernadia globiflora	Fabaceae	Mutondo	Globeflower Tree	Zimbabwe	-	(Mudzengi et al., 2017)
Kigelia Africana	Bignoniaceae	Pfungu, Mumvewa	sausage tree	Zimbabwe	-	(Mudzengi et al., 2017)
Lonchocarpus capassa	Fabaceae	Ichithamuzi, Muororo, Mupandapanda	rain tree	Zimbabwe	Firewood	(Dowo and De Garine-Witchatitsky, 2024)
Lonchocarpus capassa	Fabaceae	Mupanda, Uchitamuzi	rain tree	Zimbabwe	-	(Mudzengi et al., 2017)
Lonchocarpus nelsii	Fabaceae	Mhata	Kalahari apple-leaf	Botswana	-	(Kgosikoma et al., 2012)
Maerua angolesis	Capparaceae	Mutambanamme	Angolan Capparis	South Africa	-	(Kujoana et al., 2022)
Mangifera indica	Anacardiaceae	Mango	Mango	South Africa	-	(Chepape et al., 2014)
Markhamia zanzibarica	Bignoniaceae	Mulakholomo	bean tree	South Africa	-	(Mabogo, 2012)

Markhamia zanzibarica	Bignoniaceae	Mulakholomo	bell bean	South Africa	medicine, food	(Magwede et al., 2019)
Melia azedarach	Meliaceae	Muserenga	Chinaberry tree	South Africa	craftwork, medicine, construction	(Magwede et al., 2019)
Melia azedarach	Meliaceae	Musiringa	Chinaberry tree	Zimbabwe	-	(Maroyi and Rasethe, 2015)
Mimusops zeyheri	Sapotaceae	Hlatsva, Chechete	red milk wood	Zimbabwe	-	(Mudzengi et al., 2017)
Monotes africanus	Dipterocarpaceae	Osui, Mubuanza-buanza	African wild cotton	Angola	-	(Bruschi et al., 2017)
Moringa oleifera	Moringaceae	Moringa	Moringa	Zimbabwe	food, medicine, ornamental, oil, firewood, coagulate, construction, ropes	(Maroyi, 2006)
Moringa oleifera	Moringaceae	Moringa	Moringa	South Africa	medicine, food, shade	(Mashamaite et al., 2023)
Moringa oleifera	Moringaceae	Moringa	Moringa	Botswana	medicine, food, shade, ornamental plant	(Seifu and Teketay, 2020)
Morus alba	Moraceae	Mulberry	White mulberry	South Africa	-	(Semenya et al., 2019)
Morus nigra	Moraceae	Mulberry	black mulberry	Angola	Food	(Lautenschläger et al., 2018)
Ochna pulchra	Ochnaceae	Monyelenyele	Lekkerbreek	Botswana	-	(Kgosikoma et al., 2012)
Oncoba welwitschii	Salicaceae	Mbamba	desert cabbage	Angola	medicine, construction,	(Lautenschläger et al., 2018)

					fishing, food	
Opuntia engelmannii	Cactaceae	Unochwane	Engelmanni prickly pear	South Africa	-	(Maroyi, 2022)
Opuntia ficus-indica	Cactaceae	Mokotapong	sweet prickly pear	Lesotho	food, medicine	(Kobisi et al., 2019)
Opuntia ficus-indica	Cactaceae	Unochwane	sweet prickly pear	South Africa	-	(Atyosi et al., 2019)
Opuntia ficus-indica	Cactaceae	Unochwane	sweet prickly pear	South Africa	-	(Chepape et al., 2014)
Opuntia ficus-indica	Cactaceae	Mudoro	sweet prickly pear	South Africa	food, medicine, beverage	(Magwede et al., 2019)
Opuntia ficus-indica	Cactaceae	Idolofiya, Mudorofia	sweet prickly pear	Zimbabwe	-	(Banga et al., 2022)
Opuntia ficus-indica	Cactaceae	Unochwane	sweet prickly pear	South Africa	-	(Nyambali et al., 2023)
Parinari curatellifolia	Chrysobalanaceace	mupundu, mobola	Mobola plum	South Africa	-	(Chepape et al., 2014)
Persea Americana	Lauraceae	Ukotapheya, Afokado, Avhokhado	Avocado	South Africa	-	(Chepape et al., 2014)
Petersianthus macrocarpus	Lecythidaceae	Nsati	English stinkwood tree	Angola	-	(Lautenschläger et al., 2018)
Philenoptera nelsii	Fabaceae	Omupanda, mukololo	Kalahari apple leaf	Namibia	-	(Marius et al., 2017)
Philenoptera nelsii	Fabaceae	Omupanda, mukololo	Kalahari apple leaf	Namibia	-	(Katjiua, 2006)

Piliastigma thonningii	Fabaceae	Nkokotso	camel's foot	South Africa	-	(Liengme, 1981)
Prosopis linnaeus	Fabaceae	Mosu	mesquite	Botswana	firewood, timber	(Mosweu et al., 2013)
Protea petiolaris	Proteaceae	Kikumbi kia, Mbimbi	sickle-leaf sugarbush,	Angola	medicine, charcoal	(Lautenschläger et al., 2018)
Psidium guajava	Mrytaceae	Ugwava, Mpafata, Guwava, Liguava	Guava	South Africa	-	(Chepape et al., 2014)
Pycnanythus angolensis	Myristicaceae	Nlenda, Nozungu, Nkumbi	African nutmeg,	Angola	Construction, drums, spice, medicine	(Lautenschläger et al., 2018)
Raphia spec.	Arecaceae	Matombe, Nkulu		Angola	Medicine, fish trap, food, construction, fiber	(Lautenschläger et al., 2018)
Rhigozum brevispinosum	Bignoniaceae	osapati, omunditi, mungandu	tiger's claw	Namibia	firelighter	(Inman et al., 2020)
Rhigozum trichotomum	Bignoniaceae	Driedoring	three thorn rhigozum	Namibia	-	(Marius et al., 2017)
Ricinodendron heudelotii	Euphorbiaceae	Monguela	African Nut-tree	Angola	drums, medicine	(Lautenschläger et al., 2018)
Salvadora persica	Salvadoraceae	Omukambi	toothbrush tree	Angola	-	(Bruschi et al., 2017)
Salvadora persica	Salvadoraceae	Dhungulu pokwe	toothbrush tree	Zimbabwe		(Dowo and De Garine-Witchatitsky,

						2024)
Salvadora persica	Salvadoraceae	Dhungulu pokwe	toothbrush tree	Zimbabwe	-	(Mudzengi et al., 2017)
Sclerocarya birrea	Anacardiaceae	Mapfura	Marula	Zimbabwe	medicine, ethnoveterinary, timber, firewood	(Dowo and De Garine-Witchatitsky, 2024)
Sclerocarya birrea	Anacardiaceae	Mufula	Marula	South Africa	food, beverage, oil, preservative, medicine, shade, crafting	(Mabala, 2017)
Sclerocarya birrea	Anacardiaceae	Mapfura	Marula	Zimbabwe	aesthetic, food, firewood, medicine, shade, crafts, beverage	(Maroyi, 2013)
Sclerocarya birrea	Anacardiaceae	Mupfura, Mufura	Marula	Zimbabwe	-	(Mudzengi et al., 2017)
Sclerocarya birrea	Anacardiaceae	Mufula	Marula	South Africa	food, medicine, firewood, beverage	(Mutuwa, 2021)
Sclerocarya birrea	Anacardiaceae	Mufula	Marula	South Africa	-	(Semenya et al., 2019)
Sclerocarya birrea	Anacardiaceae	Mufula	Marula	South Africa	medicine, food	(Tshisikhawe and Malunga, 2017)
Sclerocarya birrea	Anacardiaceae	Mufula	Marula	South Africa	-	(Kujoana et al., 2022)
Spirostachys Africana	Euphorbiaceae	Omumpapu,jiliti	Tamboti	Angola	-	(Bruschi et al., 2017)

Sterculia quinqueloba	Malvaceae	Mulendi	Large-leaved star-chestnut	Angola	Medicine	(Lautenschläger et al., 2018)
Sterculia tragacantha	Malvaceae	Milenda, Ntutu	Gum Tragacanth	Angola	handicraft, medicine	(Lautenschläger et al., 2018)
Strychnos cocculoides	Loganiaceae	omuguni, thighumi, muhuluhulu	monkey orange	Namibia	-	(Kasale, 2013)
Swartizia madagascariensis	Fabaceae	omumonga, mutengura, mushakashela	snake bean tree	Namibia	-	(Kasale, 2013)
Syzygium cordatum	Mrytaceae	Umdoni, umSwi, onDoni, mutu	Water berry	South Africa	-	(Chepape et al., 2014)
Syzygium guineense	Mrytaceae	Nkiza, Lungama	Woodland waterberry	Angola	medicine, food	(Lautenschläger et al., 2018)
Tephrosia oxygona	Fabaceae	Heveve	African tephrosia	Angola	-	(Bruschi et al., 2017)
Terminalia brachystemma	Combretaceae	Mungolo, Moeia	Kalahari cluster-leaf	Angola	medicine	(Lautenschläger et al., 2018)
Terminalia prunioides	Combretaceae	Omuhaina	purple pod cluster leaf	Angola	-	(Bruschi et al., 2017)
Terminalia prunioides	Combretaceae	Omuhama	purple pod cluster leaf	Namibia	medicine, food	(Inman et al., 2020)
Terminalia prunioides	Combretaceae	Omuhama	purplepod clusterleaf	Namibia	-	(Marius et al., 2017)
Terminalia prunioides	Combretaceae	Mutwari	purplepod clusterleaf	South Africa	-	(Kujoana et al., 2022)
Terminalia sericea	Combretaceae	Omugolo, Muhonono	silver terminalia	Namibia	-	(Kasale, 2013)

Terminalia sericea	Combretaceae	Mogonono	silver terminalia	Botswana	-	(Kgosikoma et al., 2012)
Terminalia sericea	Combretaceae	Omugolo, Muhonono	silver terminalia	Namibia	-	(Marius et al., 2017)
Terminalia sericea	Combretaceae	Omugolo, Muhonono	silver terminalia	Namibia	-	(Katjiua, 2006)
Trema orientale	Cannabaceae	Mudianuni, Yanuni	Charcoal-tree	Angola	Medicine	(Lautenschläger et al., 2018)
Xanthocercis zambesiaca	Fabaceae	Muhlaru, Mushoro	nyala berry	Zimbabwe	-	(Mudzengi et al., 2017)
Ximenia Americana	Olacaceae	Moretologa	hog plum	Botswana	food, medicine	(Neelo et al., 2015)
Ziziphus mauritiana	Rhaminaceae	Masau	Indian Jujube	Zimbabwe	food, medicine, beverage	(Nyanga et al., 2008)
Ziziphus mucronata	Rhaminaceae	Mokgalo	buffalo thorn	Botswana	-	(Kgosikoma et al., 2012)
Ziziphus mucronata	Rhaminaceae	Omukaru	buffalo thorn	Namibia	-	(Marius et al., 2017)
Ziziphus mucronata	Rhaminaceae	Mokgalo	buffalo thorn	Botswana	-	(Neelo et al., 2015)
Ziziphus mucronata	Rhaminaceae	Mutshetshete	buffalo thorn	South Africa	-	(Kujoana et al., 2022)

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