Supplementary files

Species	Common Name	Conservation Status	Common use	References
Adansonia digitata	Baobab	Least Concern	Fibrous bark is used to make various useful items such as mats and ropes, fishing nets, fishing lines, sacks as well as clothing. It is also believed that a man who drinks an infusion of the bark will become strong. Worshipped as a symbol of fertility. Leaves are said to be rich in vitamin C, sugars, potassium tartrate, and calcium. Seeds are also edible and can also be roasted for use as a coffee substitute. Fallen flowers are relished by wild animals and cattle alike.	Foden & Potter (2005a)

Table S1. Dominant and prominent woody species found and utilised within the study area

Boscia foetida subsp. rehmanniana	Smelly shepherd's tree	Least Concern	The root is pounded to make porridge. It is commonly used as a substitute for coffee or chicory. The root is also used to make a beer and to treat haemorrhoids. The leaves are nutritious and are often browsed by cattle, although the milk is then said to be tainted. An infusion of the leaves is used to treat eye infections in cattle. The fruits are used in traditional dishes and the flower buds as caper substitutes in pickles. It is said that if the fruits wither before the millet crop is ripe, the harvest will be a failure. Household utensils are made from the wood. If the wood is burnt, it is believed that cows will produce only bull calves.	Foden & Potter (2005b)
Commiphora tenuipetiolata	corkwood	Least concern	Medicinal bark use and used traditionally for soap. Carving household items and ornaments	Foden & Potter (2005d)
Commiphora glandulosa	Tall common corkwood	Least concern	Carving household utensils and ornaments. Fencing and game graze on this tree. stores plenty of water in the roots and stem and humans chew the soft heartwood to rehydrate	www.tropical.theferns.info
Commiphora viminea	Red-stem corkwood	Least Concern		von Staden (2017)

Commiphora mollis	Velvet-leaved Corkwood,	Least Concern		Foden & Potter (2005e)
Commiphora africana	African Myrrh	Least Concern		Foden & Potter (2005f)
Sclerocarya birrea subsp. caffra	Marula	Least Concern	Traditional healers use the hard nut in their divining dice. Powdered bark is used to treat pregnant women. Bark treats dysentery, diarrhoea, rheumatism and has a prophylactic effect against malaria. Excellent remedy for haemorrhoids. Laxatives. Treatment of gonorrhoea. In the former homeland of Venda, it was a criminal offence to cut down a living tree of this species. The wood is used for furniture, panelling, flooring, carvings, and household utensils like spoons. The inner layer of bark makes a strong rope. Drums and yokes for certain animals are made from the wood of this tree. Fruit is edible, eaten either fresh or made into a delicious jelly. It also makes alcoholic beer known as Mukumbi by the VhaVenda people.	Williams et al. (2008)

Combretum mossambicense Combretum vendae	Knobbly creeper	Least Concern	Used for the treatment of leprosy, problems relating to the eyes, for blood purification and to treat bacterial infections and oxidative related diseases by indigenous people of Venda. Leaf extracts were investigated for bioactivity against a variety of bacterial strains and their antioxidant potential was evaluated. The main antibacterial compound isolated was acacetin. Treat infectious diseases including, diarrhoea and other ailments, such as gastrointestinal disorders and infections that cause many problems in human health	Foden & Potter (2005c) Hahn & Raimondo (2014)
Terminalia prunioides	Purple-pod terminalia	not listed	Important in traditional medicine. The leaves and roots are boiled in water and	Raimondo et al. (2009)

Terminalia sericea	Silver terminalia	not listed	the infusion is taken orally for the treatment of coughs, diarrhoea, and stomach-ache. The leaves can be used as an antibiotic for wounds. In the case of bleeding, a paste can be made by cooking the leaves in water and placing them on the wounds. The wood is used as a source of energy for cooking and boiling water, for constructing huts, for fencing material and for solid structures.	Foden & Potter (2005g)
Ximenia americana var. microphylla	Small blue sourplum	Least Concern	The leaves can be dried and crushed to make powder to break fever. They are also used as a substitute for spinach and eaten by animals such as giraffe. An infusion made from the root is used as remedy for diarrhoea and abdominal pain, mental illness, fever and bilharzia. The fruits are eaten raw and	Foden & Potter (2005h)

Ximenia caffra	Large sourplum	Least Concern	seeds are crushed for extraction of the oil, which is edible and is also mixed with red ochre for cosmetic use on skin and hair. Roasted and pounded seeds are used for wounds. Oil from the seed is used to soften human skins and for softening animal hides. It is also used for lamps. Used in soup, and in beer as an aphrodisiac. Powdered dried leaves are taken orally for fever and infertility and extracts of the leaves are used as a gargle for tonsillitis, and as a vermifuge. Porridge is made using a decoction of the roots, and eaten once a day for nausea in pregnancy; the root decoction is also taken	Foden & Potter (2005h).
			for infertility	
Grewia bicolor	White raisin	Least Concern	The leaves are browsed by	Raimondo et al. (2009)
Grewia flavescens	Sandpaper raisin	Least Concern	game and livestock. The fruits are edible, but not very	Boon (2010)
Grewia hexamita	Giant raisin	Least Concern	popular. This species makes a	Foden & Potter (2005f)
Grewia flava	Velvet raisin	Least Concern	good screen for the garden, being very attractive with its shiny green leaves and large, handsome, golden yellow flowers. Wood for axe handles and sticks. Often used to manufacture rope.	Foden & Potter (2005)

Senegalia nigrescens	Knob thorn	Least Concern	The wood is hard and drought- and termite-resistant but frost-tender; it has been used to make fence posts and mine props. The knob thorn yields good quality firewood producing lasting coals and severe heat. It also makes a good bonsai subject.	Kyalangalilwa et al. (2013)
Vachellia tortilis subsp. heteracantha	Umbrella thorn	Least Concern	The timber is used for fence posts, firewood, furniture, and wagon wheels. Gum from the tree is edible and is used as a poor man's gum. The pods and leaves are high in nutrition and are browsed by game and livestock.	Kyalangalilwa et al. (2013)
Dichrostachys cinerea subsp. africana	Sickle bush	Least Concern	The hard and durable wood is also termite resistant, making it ideal for fence posts. Used to make tool handles, milk pots, smoking jars, and fibre from the bark. Planted to serve as live fencing and as a fodder. The roots are used as a local anaesthetic for ailments such as snake bites, scorpion stings and toothache. It also makes high quality firewood.	von Staden (2016b)
Cordia monoica	Septee saucer- berry	Least Concern	Parts of this tree are used medicinally to treat sore eyes, fever, and wounds. The sapwood is used to build	von Staden (2016a)

huts, and dry sticks rubbed together are used to make fire caused by friction heat. The durable pinkish heartwood is used to make attractive furniture. It polishes nicely and is easy to work with, as it does not chip when cut and
does not chip when cut and planed.

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Text S1. Questionnaire used during the study

DEMOGRAPHIC DETAILS

1. Location of household

Household Number	
Settlement Name	
Household GPS Coordinates	

2. Family structure of household

1. Who is the head of this household?				
Resident married male [] Resident married female [] Married male working away	[] Married female working			
away [] Widow [] widower [] Divorced male [] Divorced female [] Sin	gle/never married male []			
Single/never married female []	-			
2. If the head of the household is away, who makes most of the domestic decisions?				
Wife [] Son [] Other []				
3. For how long have you lived in this village/community?				
	Years			

SAFETY NET AND DAILY NET ASSESSMENT

1. Does your household own any livestock? Yes	[] No], if Yes,
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Animal	Number	Animal Shelter	Store bought Food Source for Animal	Relative Contribution	Non Store bought Food Source for Animal	Relative Contribution
Cattle						
Sheep						
Goats						
Chicken						
Rabbits						
Other						

Key for relative contributions: 1 = less than 20%; 2 = up to 50%; 3 = more than 50%

INCOME

1. Education Level of Household

Name/ Code of Household	Age	Sex	Education (highest qualification
Member : $0 =$ Male Head; $1 =$		(1 = Male;)	attained) 1 – Primary; 2 – Junior
Female Head; $2 =$ Mother of head;		2 = Female)	certificate (ZJC); 3 – Ordinary Level; 4 –
3 = Father of head; $4 =$			Advanced Level; 5 – College Certificate;
Son/Daughter of head; $5 =$			6 – Diploma; 7 –Degree; 8 – Other and
Grandchild of head; $6 =$			specify.
Son/Daughter in law of head; $7 =$			
Other family members			

2. Which people in this household have a full-time, part-time or casual job? Please indicate details of employment in the table below.

Name Code	Job type	Full-time/part- time/casual	Self-employed (describe)	Local/ Remittance	US\$/month (if possible)

Codes: 0 = Head 1 = Wife; 2 = Mother of head; 3 = Father of head; 4 = Son/Daughter of head; 5 = Grandchild of head; 6 = Son/Daughter in law of head; 7 = Other family members

NATURAL RESOURCE USE

1. Was it bought or collected (in the past 3 months)?

Bought Collected Both

2. IF RESOURCE WAS BOUGHT: NB Make sure units are clear for all questions

1. From where? List markets, villages, neighbours, etc.	2. Was it bought from family, friends, traders or strangers?	3. How often over the last 3 months? Show per day/week/month/or no. times over 3 month period	4. How much each time? (Quantity and unit, e.g. 20kg bag, 3 cups, etc.)	5. Cost per unit? (record unit)	6. Total cost
				R	R

3. IF RESOURCE WAS COLLECTED: NB make sure units are clear for all questions

1. Who collects it? List names	2. Where from? (Name of forest, beach, etc.).	3. How long does it take to collect (including travelling there)	4. How often was it collected over the last 3 months? Show per day/ week/month/or no. times over 3 month period	5. How much is collected each time? (Quantity and unit, e.g. 20kg bag, 3 cups, etc.)	6. Was any of this sold or bartered? Y/N	7. Was any of it processed at all? Y/N
8. Were there any costs (transport, hired labour, processing, etc)? Give total cost.	9. Do you need a permit to collect? Y/N	10. Was there enough for everyone? Y/N	11. Do you know the price of this product in the community per unit?	12. Total no. of times in 3 months (daily x90, weeklyx12, monthlyx3)	13. Gross value (5x11 or 5x4.3)	14. Net value (13-8)

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4. IF PRODUCT WAS SOLD OR BARTERED (3.6 above)

1. Where is it sold? List markets, villages, friends, etc.	2. Who are the main buyers: family, friends, traders or strangers?	3. What is the selling price per unit?	4. How often have you sold in the last 3 months? Show per day/ week/month/or no. times over 3 month period	5. How much do you sell each time?	5. Has household always sold product? Y/N	6. If no, when did selling start (year)?	7. Will household continue to sell product? Y/N
8. Why did this product	your household s t?	tart selling					

5. IF RESOURCE WAS PROCESSED AT ALL (3.7 above):

1. How much was processed before sale?	2. How much was processed before own use?	3. Who processed it? List names	4. How long does it take to process?
5. If you have any proc in detail what they are	essing costs, please explain (inputs per unit):		

J. Natural Resource Harvesting

1. Were any of these products bought or collected by anyone in the household in the past three months? Enumerators attach a page (NATURAL RESOURCE USE) for each resource used or collected and by whom

Resource	Bought Y/N	Collected Y/N	If yes for bought OR collected: page no of
1. Fuelwood			
2. Wild fruits			
3. Wild herbs/spinach (not vegetables such as cabbage etc.)			
4. Wild animals or birds for food (Bushmeat - NB. Tell them answer is secret)			
5. Fish			
6. Insects for food			
7. Birds eggs			
8. Poles for housing (note if use poles from plantation)			

9. Poles for fencing (gardens/fields/home) or kraals	
10. Wood for household items such as spoons, axe handles, etc (see list)	
11. Wood for carvings to sell	
12. Wood for furniture	
13. Thatch grass	
14. Grass for hand sweepers	
15. Twigs for hand sweepers	
16. Reeds for weaving (mats etc.)	
17. Reeds for construction (buildings & roofing, etc.)	
18. Wild honey	
19. Honey beer	
20. Medicinal plants	
21. Mushrooms	
22. Traditional beer	
23. Sand/Soil/Clay/Termite mounds	
24. Roots or tubers	
25. Seeds	
26. Other (specify)	

Perceptions on NR use:

- 1. Do you think that NR's contribute in some noticeable way to your day to dat subsistence?
- 2. Should they not be available, would you note a significant change to your subsistence?
- **3**. What are the most important contributions of NR's to your daily lives in your opinion? (prompt naming of all resources, and their relative importance).