

# An inventory of medicinal plants traded on the western boundary of the Kruger National Park, South Africa

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The World Health Organisation estimates that traditional medicine still plays a vital role in the lives of 70–80 % of the populations of developing countries. Approximately 20 000 tons of medicinal plants are estimated to be traded in South Africa annually, resulting in considerable pressure on the wild populations from which these plants are harvested. In 1997, a study was initiated to assess the extent of trade in medicinal plants on the western boundary of the Kruger National Park, and to determine local perceptions of the availability and values of these plants. This paper presents an inventory of the species traded, including vendors' and traders' perceptions of current availability of species and consumer demand, as well as price/kg. In Mpumalanga, 176 species were identified (71 % of the vernacular names encountered in the market place), representing 69 families. In Northern Province, 70 different species were identified (84 % of the vernacular names recorded in the markets), representing 40 families. Perceptions of availability of a species varied considerably, often within the same markets. Perceptions of demand tended to be more consistent, although these also sometimes varied. Although monitoring markets is an efficient means of assessing the conservation status of medicinal plants, it is important to select appropriate parameters. Markets often differ from one another, and an understanding of local conditions is crucial. For example, in the medicinal markets on the western boundary of the Kruger National Park, price/kg and market perceptions of availability of species were highly variable and would thus not provide a consistent monitoring parameter. Perceptions of demand provide an indication of current and potential pressure on a species, particularly when combined with the monitoring of species traded, and the introduction of substitutes in the market place. The size of plant parts traded could also provide useful monitoring data. It is important to identify the plants utilised locally first hand where possible, due to the variation of vernacular names from one area to another.

Key words: community based natural resource management, medicinal plant trade, inventory.

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## Introduction

Traditional medicine plays a vital role in the lives of millions of people throughout the developing world, with approximately 27 million people in South Africa estimated

to utilise this form of health care (Mander 1998). Approximately 20 000 tons of medicinal plants have been estimated to be traded nationally (Mander 1998), placing considerable strain on the wild populations from

which the bulk of these are harvested. Law enforcement has had limited effect in controlling the medicinal trade through the years (Cunningham 1992). This, in conjunction with a global recognition that communities need to be actively involved in resource management strategies if these are to succeed (Wells & Brandon 1992; Chandrashekara & Sankar 1998), has led to the development of numerous community based conservation programmes with traditional healers throughout South Africa.

In 1994, a community liaison programme was initiated with traditional healers from two areas adjacent to the Kruger National Park (KNP) in response to their request for assistance in obtaining medicinal plants and animals that were no longer easily available outside protected areas. This programme became known as the KNP Traditional Healers' Programme. The traditional healers were members of two of the four community liaison fora that had been previously established on the western boundary of the national park, namely the Hlanganani and Lubambiswano fora (Venter 1998). Over the following three years, a programme was developed between the latter group and other regional roleplayers that included: (i) cultivation of plants in home gardens; (ii) the development of a medicinal plant nursery near Numbi gate; (iii) various health care and training initiatives; (iv) the accessing of alternative harvesting sites for traditional healers (and other resource users) on land earmarked for development; (v) attempts to make animal products available; (vi) working with regional and national parks law enforcement officials to develop controls against poaching for the medicinal trade (Botha 1998). The process was not as advanced in the Hlanganani forum area, but progress had been made. However, there was limited data available on the medicinal plants utilised locally, apart from several preliminary lists that had been compiled by the traditional healers.

Market surveys are an efficient means of obtaining data on wildlife species of important management value (Cunningham 1992;

Martin 1995). A study was initiated in 1977 to (i) assess the extent of trade in medicinal plants on the western boundary of the KNP and to (ii) determine local perceptions of availability and values of these plants (Botha 2001). This paper presents an inventory of the species traded, including market data on perceptions of availability of species and consumer demand, as well as price/kg.

Although the traditional ethnobotanic focus on inventories has been criticised as not being scientifically rigorous enough (Höft *et al.* 1999), checklists of plants provide valuable information (Martin 1995; Cunningham 2001; Williams *et al.* 2001). Vernacular names are often localised (Shackleton *et al.* 1995), and a checklist aids in future identification of plants. Inventories are also a useful starting point in local and regional management of medicinal species. A wide variety of plants are used in traditional medicine, although not all are utilised frequently. For example, 794 species of plants have been recorded in Zulu, Xhosa and Sotho traditional medicine (Hutchings 1989), with 511 species being documented in the Witwatersrand markets of Gauteng (Williams *et al.* 2000) and over 420 species in KwaZulu-Natal (Cunningham 1992). Plants that are commercially traded are often under more pressure, particularly the more popular species (Cunningham 1992; Mander 1998). Finally, baseline data such as the size of plant parts currently being traded enables future monitoring of the conservation status of species.

### Study area

Rural and urban settlements adjacent to the KNP were included in the study area, as were major urban areas believed to be part of the trading network. The latter included Thohoyandou, Giyani, Malamulele and Louis Trichardt in Northern Province, and Kabokweni, Kanyamazane, Hazyview, White River and Nelspruit in Mpumalanga (Fig. 1). Bushbuckridge was excluded as these markets were in the process of being surveyed (Mander 1997).

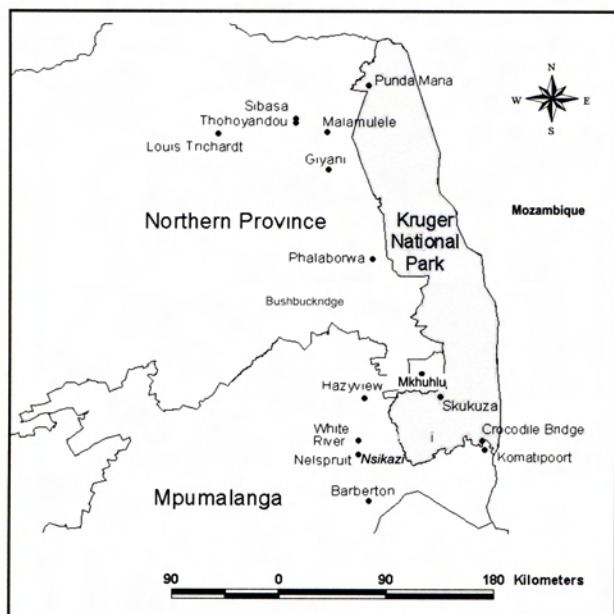


Fig. 1. Towns and district included in the medicinal plant trading 'catchment'. Forum boundaries. (Not to scale).

The study area is home to four ethnic groups. The majority of those participating in the Hlanganani forum were Tsonga, while the Lubambiswano forum participants were Swazi, as were those trading medicinal products near the Nelspruit taxi ranks. The main language encountered in Thohoyandou and Sibasa was Venda and, in the Phalaborwa area, se Pedi.

Unemployment levels in the region are high. In 1996, 33 % and 46 % of the population aged 15–65 years had no fixed income in Mpumalanga and Northern Province, respectively (Statistics South Africa 1998). Of those who were employed, 35 % in Mpumalanga and 41 % in Northern Province earned < R500 per month.

Regional land use activities include private game reserves and nature conservation, agriculture (particularly fruit farms), forestry, mining in the Phalaborwa region and subsistence agriculture. Four former homelands fall in the study area: Venda, Gazankhulu, Lebowa and KaNgwane. Established through forced removals by the apartheid government in order to tighten controls over the black population, the homelands resulted in overcrowding, landlessness, poverty and further breakdown of social structures. Although abrogated at inde-

pendence in 1994, population densities remain high. Subsistence agriculture is limited through lack of land, nutrient poor soils and lack of perennial water or infrastructure (Development Bank of South Africa & KaNgwane Government 1985; Development Bank of South Africa & Gazankhulu Government 1986; Venter 1998).

## Methods

An overview of the medicinal plant trade in the study area was conducted in June–July 1997, during which markets were identified and contact was made with those trading medicinal plants. Detailed surveys were then carried out over the following two years on a sub sector of the markets in which programmes were being developed with traditional healers: namely, Thohoyandou, Sibasa, Giyani, Malamulele (Hlanganani forum) and Nelspruit, Hazyview and the Nsikazi district (Lubambiswano forum). Semi structured interviews were held with people selling medicinal plants in the informal sector (called 'vendors' in this paper), as

well as those trading from buildings or fixed premises (termed 'traders').

Inventories were taken of the plant parts on display, including the vendor's or trader's description of the species to aid in identification. Ethnobotanic uses were avoided, to avoid perceptions of biopiracy. Plant parts were measured and weighed on site. In the case of bulbs or tubers, the length and the widest diameter across the vertical axis were measured. Vendors and traders were asked to assess the current availability of each species, according to the following categories: easily available, available, difficult to obtain and rare. Consumer demand was also rated as low, average, high or very high. Prices were recorded. The full interview schedule is available in Botha (2001).

Detailed surveys were conducted with 73 % of the vendors trading on the streets of Nelspruit and approximately 70 % of those selling at pension markets in the Nsikazi. To determine whether there were seasonal differences in the plants being traded, surveys were conducted at different times of the year. In total, 29 detailed surveys were carried out over 54 visits, including 16 summer, 2 spring and 11 winter surveys. Interviews were conducted in English, Afrikaans or the local vernacular languages, through translators.

Plants were identified through (i) the collection of specimens while accompanying vendors, traders and a part-time gatherer on harvesting trips; (ii) concurrent research on the cultivation of plants in the home gardens of traditional healers participating in the KNP Traditional Healers' Programme; (iii) growing bulbs out and (iv) consulting regional herbaria and the Phindulwandle medicinal plant nursery and/or (v) ethnobotanic lists compiled by other researchers (Watt & Breyer-Brandwijk 1962; Stayt 1968; Von Breytenbach 1981; Fox & Norwood Young 1982; Mabogo 1990; Cunningham 1992; Shackleton *et al.* 1995; Mander 1997; Van Wyk *et al.* 1997; Hutchings *et al.* 1996; Pooley 1998; *in litt.*, M Lötter 2000). Approximately 240 specimens were collected.

Traders, vendors and traditional healers from the Lubambiswano forum compiled lists of plants with the highest turnover or those utilised most frequently, as well as the most powerful medicinally, the most frequently used and the scarcest. Although used extensively throughout the KNP Traditional Healers' Programme, participatory rural appraisal (PRA) techniques were limited to valuations of species by vendors and traditional healers in this study, due to the competitive nature of the trade.

## Results

No medicinal plants were traded in the villages included in the Hlanganani forum. The nearest trading outlets to these traditional healers were in Thohoyandou, Sibasa and Malamulele. In contrast, medicinal plants were traded at pension markets in villages included in the Lubambiswano forum. Each month, the Department of Social Services travels from village to village to pay pensions. Markets have evolved at these payout points, and a variety of products are traded, ranging from food, household appliances and domestic products, clothing and, in Nsikazi, traditional medicines. Vendors traded medicinal plants at the taxi ranks in Nelspruit. All the traders were situated in or near shopping centres, with those in Malamulele and Hazyview also being located on main roads near taxi ranks.

In Mpumalanga, 176 species were identified (71 % of the vernacular names encountered in the market place), representing 69 families (Appendix 1). In Northern Province, 70 different species were identified (84 % of the vernacular names encountered in the market place), representing 40 families. The appendix is arranged primarily according to scientific name, differentiating the market details of different plant parts of the same species. All the species included appear elsewhere in literature, although not necessarily by the same vernacular name.

Zulu and Swazi nouns are preceded by a noun prefix, of which several variations were often encountered for the same vernacular name. For example, 'ikhokhela' (*Justicia capensis*) (Zulu) is known as 'likhokhela' in Swazi, or was sometimes simply referred to as 'khokhela' in the market place. For ease of referencing, a list of vernacular names is provided, which includes variations recorded in the market place (Appendix 2).

Perceptions of availability of a species varied considerably amongst the vendors and traders, often within the same market (Appendix 1). Perceptions of demand tended to be more consistent, although these also

Table 1  
*Bulb sizes traded in the two project areas  
 local = within 50 km radius from markets; do not know*

Scientific name	Vernacular name	Region of origin	Diameter <sup>1</sup> 8±SE (Range) (cm)	Length 8±SE (Range) (cm)	Mass 8±SE (Range) (g)	Season
<i>Bowiea volubilis</i>	ugibisila	Mpumalanga	5.8±0.3 (5.5-6.0)	6.0	70.0	summer
<i>Eucomis autumnalis</i>	umathunga	Mpumalanga Northern Province KwaZulu-Natal	7.5±0.5 (7.0-8.5)	12.3±2.3 (10.0-17.0)	240.0±10.0 (230.0-250.0)	summer
<i>Hypoxis</i> spp	inkomfe	local Mpumalanga	10.6±0.6 (9.0-12.0)	10.6±2.9 (6.0-19)	227.5±62.1 (80.0-380.0)	winter spring summer
<i>Scilla natalensis</i>	inguduza inkhovu	Mpumalanga	7.6±0.6 (4.0-8.8)	6.3±1.9 (4.0-10.0)	375.5±192.5 (165.0-550.0)	summer winter
<i>Scilla</i> spp	ingcino	local Mpumalanga Mozambique	7.2±0.5 (5.0-10.0)	8.7±0.6 (6.0-12.0)	120.6±11.3 (80.0-192.0)	winter spring summer
<i>Scilla</i> spp <i>Albuca setosa</i> ?	ingcino bantwana	Mpumalanga	2.5	3.0	20.0	summer
<i>Tulbaghia</i> spp	umwelela mwelela	Mpumalanga	3.5±0.5 (3.0-4.0)	5.5±0.5 (5.0-6.0)		summer winter
<i>Urginea altissima</i>	silulawane halakavuma	Swaziland, Mpumalanga	11.0	16.0		winter
unidentified species	umahlokolozo	d/k	8.0	12.0	200.0	summer
unidentified species	xiganama	Northern Province	95.0±5.0 (90.0-100.0)	130.0±20.0 (110.0-150.0)		summer summer

<sup>1</sup>Widest diameter measured across vertical axis.

Table 2  
 Thickness of bark sold by traders and street and pension day vendors in the two project areas  
<sup>a</sup> Exotic species.

Scientific Name	Vernacular name	Province	Mean±SE (Range) (mm)	n
<i>Albizia anthelmintica</i>	bulani	Mpumalanga	5	1
<i>Acacia xanthophloea</i>	ukhanyakude	Mpumalanga	3±1 (1-7)	8
	muunga-gwena	NP	2	1
<i>Balanites maughamii</i>	liphambo liphapha	Mpumalanga	9±2 (7-10)	3
<i>Bersama tysoniana</i>	indiyandiya	Mpumalanga	5±2 (1-9)	4
<i>Breonadia salicina</i>	umhlume	Mpumalanga	3	1
<i>Elaeodendron transvaalense</i>	ingwavuma	Mpumalanga	8±3 (4-15)	4
<i>Catha edulis</i>	umlomomnazi	Mpumalanga	3	1
<i>Cassipourea</i> sp.	umemezi	Mpumalanga	9	1
<i>Cassipourea flanaganii</i>	umemezi lobovu	Mpumalanga	3±1 (2-4)	3
<i>Cassipourea gerrardii</i>				
<i>Cassipourea</i> spp.				
<i>Cinnamomum camphora</i> <sup>a</sup>	urosalina	Mpumalanga	9±1 (7-12)	2
<i>Calodendrum capense</i>	umemezilomhlope	Mpumalanga	9±1 (8-9)	2
<i>Croton gratissimus</i>	liletha	Mpumalanga	3	1
<i>Pappea capensis</i>				
<i>Croton megalobotrys</i>	ligcolo shungweshungwe	Mpumalanga	7±2 (5-14)	6
<i>Maesa lanceolata</i>	umaguqu	Mpumalanga	6±3 (3-8)	2
<i>Mondia whitei</i>	umondi	Mpumalanga	1	1
<i>Ocotea bullata</i>	unukani	Mpumalanga	2±1 (1-4)	3
<i>Olex dissitiflora</i>	umaphunzane	Mpumalanga	5	1
<i>Peltophorum africanum</i>	iphamblebankomo	Mpumalanga	5	1
<i>Pittosporum viridiflorum</i>	umfusamvu mposhe	Mpumalanga	2±0 (1-4)	7
<i>Prunus africana</i>	inyazangoma	Mpumalanga	2	1
<i>Pterocelastrus echinatus</i>	sehlulamanye	Mpumalanga	7±3 (4-10)	2
<i>Pterocelastrus</i> spp.	sehlulamanye(black)	Mpumalanga	7	1
	sehlulamanye omhlope	Mpumalanga	5	1
<i>Rapanea melanophloeos</i>	umaphipha	Mpumalanga	5±2 (3-7)	2
<i>Spirostachys africana</i>	umthombotsi	Mpumalanga	2	1
<i>Xanthocercis zambeziaca</i>	umhlati, umhlwati hlatu	Mpumalanga	4±1 (3-5)	3

Table 2  
(continued)

Scientific Name	Vernacular name	Province	Mean±SE (Range) (mm)	n
<i>Xanthocercis zambeziaca</i> <i>Ximenia caffra</i> <i>Commiphora harveyi</i> <i>Gymnosporia buxifolia</i>	uvuka	Mpumalanga	3	2
<i>Uvaria caffra?</i>	umunyamatsi	Mpumalanga	2	1
<i>Warburgia salutaris</i>	isibaha	Mpumalanga	5±1 (1-7)	15
<i>Warburgia salutaris</i>	mulanga	NP	1	1
unidentified species	muyelela	Mpumalanga	5	1
unidentified species	sandawane	Mpumalanga	1	1
unidentified species	upume	Mpumalanga	5	1

sometimes differed. There were also variations in the range of price/kg of many species. For example, mupesu (*Securida longipedunculata*) ranged from R40/kg - R400/kg; muthavhatsindi (*Brackenridgea zanguebarica*) R59/kg - R333/kg; likhatazo (*Alepidea amatymbica*) R20/kg - R1750/kg; inthunzikhulu (*Behnia reticulata*) R40/kg - R557/kg.

Tables 1 and 2 list the sizes of geophytes and thickness of bark measured in the market to provide baseline data for future monitoring.

## Discussion

Traditional healers from the Hlanganani forum had previously identified the lack of markets close to their villages as a problem (Botha 1998), as they had to travel 40–70 km to the nearest outlet selling medicinal products. Apart from purchasing medicinal plants from vendors and traders, traditional healers from the Hlanganani and Lubambiswano fora harvested plants from areas adjacent to their homes as well as in Northern Province and Mpumalanga, respectively. In the Hlanganani forum, traditional healers also collected from the mountains of 'Venda', Mozambique and, occasionally, Swaziland and Table Mountain in the Western Cape (Botha 1998). Traditional healers from three

villages in this forum also occasionally harvested plants from the KNP, although the quantity of plants removed was probably relatively low, as the traditional healers were harvesting to treat their patients, rather than for supply to commercial markets.

As with common names in all languages, more than one vernacular name was obtained for certain species. For example, *Callilepis laureola* was known as 'impila or impilane', or 'umafutha omhlaba' in Mpumalanga. Vernacular names often refer to the characteristics of a plant, its distribution or the habitat in which it occurs, or its use or effect (Hutchings 1989; Martin 1995; Vorster 2001). In Mpumalanga, 10 % of the species identified had several vernacular names, while in Northern Province, 9 % had different vernacular names. This does not include variations on the same name e.g. 'thunzi' for 'inthunzikhulu'. Similarly, the same vernacular name was used for different species, sometimes causing confusion. For example, the identification of the tree known as 'indlandlovu' generated considerable discussion amongst some of the pension day vendors. It appears that products from at least two different species were being sold in the Mpumalanga markets: one from Mpumalanga (possibly *Piliostigma thonningii*, *Pterocarpus rotundifolius* or *Albizia adianthifolia*)

and one from KwaZulu-Natal (possibly *Pterocarpus rotundifolius*). Alternate species were obtained for 24 % of the vernacular names in Mpumalanga and 26 % in Northern Province. Of these, 31 % and 56 % referred to species within the same genus, in Mpumalanga and Northern Province, respectively.

The wide variation in perceptions of current availability of species in, particularly, Mpumalanga was probably due to the fact that many of the vendors and traders bought in a substantial proportion of their plants. If plants are not being directly harvested, it may be difficult to ascertain whether they are still readily available. The vendors bought from each other and from gatherers who occasionally visited the markets from Swaziland, for example (Botha 2001). There was more consensus over the localities from which species could be harvested. Perceptions of demand were more consistent than those of species availability, although there were differences. However,  $84 \pm 1.5\%$  of the plants occurring on the traditional healers' lists of important species were also on offer in the market place, indicating that the vendors have a good understanding of their clients' needs (Botha 2001).

Variations in price/kg of medicinal plants are not unique to Mpumalanga and Northern Province, having also been noted in markets in Nepal and India, for example (Smith Olsen 1998). Factors influencing market prices are explored in detail in Botha (2001).

Although monitoring markets is an efficient means of assessing the conservation status of medicinal plants, care needs to be taken to select appropriate parameters. Markets differ from one another, and it is important to understand local conditions. For example, the variability of perceptions of availability and price/kg in this study area limit their usefulness as monitoring parameters. The more consistent perceptions of demand provide an indication of current and potential pressure on a species, particularly when combined with the monitoring of substitutes in the market place. The size of the plant parts being

traded can also provide important information on species availability. Harvesters tend to select for plants in the highest size classes, to maximise their returns (Cunningham 1992). If sizes of plant parts in a market begin to decline, it may indicate that larger individuals are no longer available, or that plants are not being given sufficient time to re-grow after previous harvesting. It is also important to identify species being utilised locally first hand where possible, due to variability in vernacular names.

## Conclusions

This paper provides an overview and baseline data of plants being traded on the western boundary of the KNP, for resource management purposes as well as for future monitoring. With demand for medicinal plants increasing throughout the world, the implementation of long-term resource management programmes is crucial. These initiatives need to include those who traditionally derived their livelihoods from traditional medicine, ensuring that plants continue to be made available to subsistence consumers at prices they can afford. If this is not accomplished, wild populations will continue to be harvested, and numerous species will become locally extinct.

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**Appendix 1**

*Plants traded in Mpumalanga and Northern Province.*

E=Easily available; A=Available; D=Difficult to obtain; R=Rare; d/k=do not know. MP = Mpumalanga; NP = Northern Province. Numbers refer to numbers of people expressing an opinion. a = exotic species. The life forms listed were provided by vendors and traders to facilitate identification.

Scientific name	Vernacular name	Reference	Province	Plant part traded	Life form	Perceptions of current availability of species	Perceptions of consumer demand	Price (R/kg) Mean±SE (Range)
<i>Abrus laevigatus</i>	umehlebatsakatsae amehlobatsakatsae	5	MP	root	herb	IR	1 very high	500
<i>Acacia xanthophloea</i>	muunga-gwena muvumba-gwena	17	NP	bark	root	1A	1 very high	-
<i>Acacia xanthophloea</i>	ukhanyakude khanyakude	9	MP	root	tree	6E, 3A, 2D, IR	1 low, 1 varies, 8 high, 2 very high	72±11 (10-147)
<i>Acoanthera oppositifolia</i>	umuyentisi	5	MP	bark	tree			
<i>Acridocarpus natalitius</i>	umabophe mabophe	5	MP	root	tree, shrub	5E, 1A, 2D, 1dk	8 high, 1 very high	92±36 (19-295)
<i>Acridocarpus natalitius?</i>	impetso impetswa	15	MP	root	shrub	3E, IR, 1dk	3 high	159±41 (63-250)
<i>Acridocarpus natalitius</i> <i>Osyris lanceolata?</i>	impetso mpetso	15 8	NP	root	shrub	ID	1 high	400
<i>Acridocarpus natalitius</i>	mavhothe umabophe	5	NP	root	shrub, tree	IR	1 high	-
<i>Albizia anthelmintica</i>	muime muime muime	8	NP	root	tree	1A	-	125
<i>Adenia gummifera</i> <i>Adenia fruticosa</i>	imphindamshaye imphinda, phinda phindagumshaye	5	MP	root	climber	1E, 4A, IR	2 low, 1 high	43±21 (7-167)
<i>Adenium multiflorum</i>	umadoda madoda	9	MP	root	shrub	1A	-	67±20 (12-139)

1=Cunningham, 1992; 2=Hutchings et al., 1996; 3=Watt & Breyer-Brandwijk, 1962; 4=Phindulwandle nursery; 5=Collected; 6=van Wyk et al., 1997; 7=Pooley, 1998; 8=Thohoyandou Herbarium, 2000; 9=Traditional healers from KNP Traditional Healers Programme; 10=Fox & Norwood Young, 1982; 11=pers.comm. G Strydom, 2000; 12=Mabogo, 1990; 13=in litt. M Lotter, 2000; 14=Skukuza herbarium, KNP; 15=Mander, 1997; 16=Shackleton et al., 1995; 17=Von Breitenbach, 1981.

<i>Adenium multiflorum</i>	9	MP	root	shrub	1E, 4A, 2D	5 high, 1 very high	67±20 (12-139)
<i>Adenium swazicum</i>							
<i>Agapanthus</i> sp.?	9	MP	root	bulb	1A	1 high	139
<i>Agapanthus</i> sp.?	5	MP	bulb	bulb	2E, 2A, 2D	low, 3 high	46±8 (28-67)
<i>Crinum buphanooides</i> ?	9						
<i>Agelanthus</i> spp.	8	NP	root	parasite	2A, 1D	-	200
<i>Viscum</i> spp.	8						
<i>Albizia adianthifolia</i>		MP	root	tree	1dk		10
<i>Albizia adianthifolia</i> ?	9	MP	root	tree	2E, 2A, 1R, 1dk	1 low, 3 high	33±11 (6-71)
<i>Pterocarpus rotundifolius</i> ?	5						
<i>Ptilostigma thonningii</i> ?	5						
<i>Albizia anthelmintica</i>	13	MP	root	tree	1A	1 low	125
<i>Albizia anthelmintica</i>	13	MP	bark	tree	1R		100
<i>Albizia forbesii</i>	1	MP	root	tree	1D, 1R	1 high	65±35 (30-100)
<i>Albizia petersiana</i>							
<i>Albizia tanganyicensis</i>	3	NP	bark	tree	-	1 low	125
<i>Albizia tanganyicensis</i>	3	NP	root	tree	1D	-	-
<i>Alepidaea amatymbica</i>	5	MP	root	herb	4E, 1A	5 high	537±410 (20-1 750)
<i>Aloe arborescens</i> ?	9	MP	root	tree	3 E	3 high	23±8 (13-38)
(=khalelane)							
<i>Aloe arborescens</i>	5	MP	root	aloe	1E	1 high	41
<i>Aloe</i> spp.	5	NP	root	aloe	1E	1 very high	-
<i>Aloe</i> spp.	5	MP	root		-	-	-
<i>Aloe</i> spp.	5	NP	root	aloe	-	-	-
<i>Aloe arborescens</i>	2	MP	root	aloe	2A	2 high	13
<i>Aloe tenuior</i>							

## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp.?	... consumer demand	Price (R/kg) ...
<i>Annona senegalensis</i>	muembemuembe muembe	10	NP	root	tree	1A	-	1 000
<i>Annona senegalensis</i>	umtelemba, matelemba	5	MP	root	tree	-	-	-
<i>Ansellia gigantea</i>	lipakama, pakama	9	MP	roots, stems	epiphyte	1A	1 high	57
<i>Aristea ecklonii</i>	palavhashimana	5	NP	root	herb	1E	-	200
<i>Ariabotrys brachypetalus</i>	inhitha, thitho nthitha, thinto	15	MP	root	tree	9E, 1D	1 low, 5 high, 3 very high	70±19 (11-222)
<i>Asclepias cucullata</i>	udelunina, delunina	9	MP	root	herb	1E	1 low	-
<i>Asparagus asparagoides</i> <i>Asparagus setaceus</i>	zibutha, libutha mazibutha	5	MP	roots, stems	creeper	2E, 2A, 1D, 1R	1 low, 2 high	56±15 (33-83)
<i>Balanites maughamii</i>	liphambo iphambo	5	MP	bark	tree	1E, 2A	1 low, 2 high	54±23 (30-77)
<i>Balanites maughamii</i> <i>Secamone gerrardii?</i>	ugobandlovu gobandlovu	5 5	MP	root	tree	-	-	10 000
<i>Bauhinia petersiana</i>	mushakule	5	NP	root	shrub	1D	-	175±96 (40-557)
<i>Behnia reticulata</i>	inthunzikhulu thunzi umbijo? umbitsho?	5	MP	root	climber	5E, 2D, 1R	4 high, 1 very high	-
<i>Berchemia discolor</i>	muniyi	8	NP	root	tree	1D	-	-
<i>Bersama tysoniana</i>	isindiandiya indiandiya indiyaza, sindiyandiya	1	MP	bark	tree	2E, 2D, 2R	1 average, 1 high	139±91 (11-400)
<i>Bowiea volubilis</i>	ugibisila gibisila	5	MP	bulb	geophyte	1E, 2A	2 low	29
<i>Brackenridgea zanguebarica</i>	mutavhatsindi	8	NP	root	tree	1A, 1D	1 very high	196±13 (59-333)
<i>Breonadia salicina</i>	umhlume	5	MP	bark	tree	1E	1 low	-
<i>Buddleja salviifolia</i>	ubongobongo bongobongo	5	MP	root	shrub	1A, 1D	2 high	100000

<i>Bulbine alooides?</i>	6	MP	root	runner	2E, A, 1R	3 high	419±208 (200-833)
<i>Caesalpinia decapetala</i> <sup>a</sup>	5	MP	bark	tree	1E, 3A, 1D	5 high	144±85 (83-250)
<i>Callitropis laureola</i>	1 7	MP	root	herb	3E, 2A	2 average, 2 high	26±13 (7-67)
<i>Calodendrum capense</i>	5	MP	bark	tree	2E, 2A	3 high	184±126 (33-435)
<i>Calodendrum capense?</i>	5	MP	bark	tree	2E, 1A	1 low, 1 high, 2 very high	117±51 (25-200)
<i>Cassipourea</i> sp.?	15	MP	root	tree	4E, 1D	5 high	39±45 (5-139)
<i>Capparis tomentosa</i>	5	MP	root	tree	1A, 2D, 1R	1 low, 4 high	52±20 (11-357)
<i>Capparis tomentosa</i>	5	MP	root	tree, shrub	1E	1 low	63
<i>Capparis tomentosa</i>	16	MP	root	tree	1A		75
<i>Capparis tomentosa</i>	5	NP	root	tree, shrub	1A	-	6 000
<i>Cassipourea flanaganii</i>	1	MP	bark	tree	2E, 2A, 3D	1 average, 3 high	88±20 (55-125)
<i>Cassipourea gerrardii</i>	1						
<i>Cassipourea</i> sp.							
<i>Cassipourea filiformis</i> <sup>a?</sup>	5	MP	root	creeper	3E, 1A, 1D	1 low, 4 high	247±147 (50-833)
<i>Cephalaria humilis</i>	1						
<i>Catha edulis</i>	5	MP	root	tree	5E	5 high	34±9 (20-50)
<i>Centella glabrata?</i>	5	MP	root	shrub	1E, 1R	1 low	42±8 (33-50)
<i>Lagenaria cf. sphaeraca?</i>	5						
<i>Cinnamomum camphora</i> <sup>a</sup>	9	MP	bark	tree	4D	3 high, 1 very high	87±45 (43-132)

## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
<i>Cladostemon kirkii</i>	umahukhu mahukwe	9	MP	root	tree	1E, 1A, 2D, 1R	1 low, 2 high, 2 very high	17±8 (6-41)
<i>Cladostemon kirkii</i>	umasunungula masunungula	5	MP	root	tree	2E	1 high	13±10 (3-23)
<i>Clematis brachiata</i>	izinyolemamba zinyolemamba	5	MP	root	creeper	-	1 average	417
<i>Clivia nobilis</i>	umgulube	2	MP	root	bulb	1A	1 high	25
<i>Urginea altissima</i>		5						
<i>Coccinia rehmannii</i>	hawulane	5	MP	root	climber	1E, 1D	11 high	16
<i>Kedrostis hirtella</i>		5						
<i>Coccinia</i> sp.	lidema, dema inzema, zema	5	MP	root	runner	4E, 3A, 2D, 1R	1 low, 6 high, 2 very high	43±13 (8-125)
<i>Coleochloa setifera</i>	ndawi	5	NP	root	shrub	1D	1 very low	40 000
<i>Combretum paniculatum</i>	mukopo-kopo	8	NP	root	shrub	-	-	-
<i>Commiphora harveyi</i>	uvuka	5	MP	bark	tree	1A, 1R	2 high	163±38 (100-200)
<i>Gymnosporia busifolia</i>	vuka	5						
<i>Xanthocercis zambesiaca</i>								
<i>Ximenia caffra</i>								
<i>Commiphora harveyi</i>	uvuka	5	MP	root	tree	1A	2 high	79±21 (59-100)
<i>Gymnosporia busifolia</i>	vuka							
<i>Xanthocercis zambesiaca</i>								
<i>Ximenia caffra</i>								
<i>Conyza</i> spp.	ndilele	5	NP	root	shrub	-	-	-
<i>Conostomium natalense</i>		5						
<i>Cotyledon orbiculata</i>	intelezi	5	MP	mixture	herb	-	-	-
<i>Sansevieria aethiopica</i>		1						
<i>Crinum buphanoides?</i>	hlakahle (klein)	5	MP	root	bulb	-	1 high	62
<i>Crocosmia</i> spp.	undwendwene	5	MP	bulb	bulb	1E, 1D, 1R	1 very low, 1 low, 1 high	64±18 (42-100)
<i>Dierama</i> spp.	undwendwene	5						
<i>Eulophia</i> spp.	dwendwene	1						



Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
<i>Dioscorea elephantipes?</i>	inyokani	9	MP	root	runner	IA	1 high	1875
<i>Cissampelos mucronata</i>	inyogane?							
<i>Dioscorea elephantipes?</i>	isifozonke sifozonke							
<i>Dioscorea elephantipes?</i>	indlebe, ndlebe	9	MP	root	climber	IE, IA	1 high, 1 very high	16±3 (13-19)
<i>Centella asiatica</i> cf?	sindlebe	5	MP	root	creeper	IE	1 high	15
<i>Dioscorea</i> sp.?	sethendesendlovu sethendesendlovu sethense		MP	root	creeper	IA, IE, ID, IR	1 low, 2 high, 1 varies	10±2 (6-17)
<i>Diospyros galpinii</i>	indodemyama	2	MP	root	tree	2D	1 low, 1 high	25
<i>Diospyros villosa</i>	dodemyama indlodemyama	2						
<i>Diospyros mespiliformis</i>	uvankathema umthomo, mthomo, sithomo	9 5	MP	bark	tree	IA	1 high	1
<i>Dombeya rotundifolia</i>	linyathelolendlovu	13	MP	root	tree	IE	1 high	18
<i>Dracaena hookeriana</i>	umayime, mayime	5	MP	root	tree	-	-	71
<i>Ekebergia capensis</i>	linyamatsi	5	MP	bark	tree	-	-	
<i>Elaeodendron matabelensis</i> (originally identified as <i>Cassina capense</i> )	isithundu	2	MP	root	tree	ID	1 high	83
<i>Ochna natalitia</i>	sithundu	2						
<i>Elaeodendron</i> spp. <i>Cassina</i> spp?	mutshilari	12	NP	root	shrub	IA	1 very low	111
<i>Elaeodendron transvaalensis</i>	ingwavuma	5	MP	bark	tree	2A, 2D	3 low, 2 high	181±93 (10-435)
<i>Elaeodendron transvaalensis</i>	mukuvhazwithi mukuvhazwivhi	8	NP	bark	tree	ID	-	-
<i>Elaeodendron transvaalensis</i>	mukuvhazwithi mukuvhazurivhi	8	NP	root	tree	2E, ID	-	200



<i>Elaeodendron transvaalensis</i> <i>Cassia abbreviata</i>	mulumanamana	8	NP	root	tree	IE	-	-
<i>Elephantorrhiza</i> spp.	gumululo	5	NP	root	shrub	IE	-	200
<i>Elephantorrhiza elephantina</i>	intolwane intolfwane	5 1	MP	root	shrub	2 E	2 high	29±2 (8-50)
<i>Euclea divinorum</i> <i>Euclea schimperi</i> var <i>daphnoides</i> <i>Euclea natalensis</i>	icithamuzi cithamuzi	2 2 5	MP	root		ID	1 high	-
<i>Euclea</i> sp.? <i>Ilex</i> sp.?	citha	5,2	MP	root	herb	IE	1 high	48
<i>Euclea divinorum</i>	mutangule		NP	root	shrub	-	-	-
<i>Eucomis autumnalis</i>	umathema, mathema umathunga	5	MP	bulb	geophyte	2E, 2A, 1D	1 low, 3 high	1616 (3-33)
<i>Eucomis autumnalis</i>	umathunga	5	NP	bulb	geophyte	IE	-	7
<i>Euphorbia davyi</i> <i>Euphorbia ingens</i> ? (=mshipa)	shipinga	13	MP	root	shrub	ID	1 high	59
<i>Euphorbia cooperi</i>	mukonde	3	NP	root	tree	ID	1 high	-
<i>Euphorbia tirucalli</i>	mutungu		NP	root	tree	1A	-	250
<i>Ficus abutilifolia</i> ? (=muphapha)	liphapha	5	MP	bark	tree	1A, 1D	1 very low	250
<i>Ficus</i> sp.?	simuumu muuumu	5	MP	root	tree	IR	1 low	111
<i>Ficus</i> spp.	muumo	5	NP	root	tree	1A	1 very high	-
<i>Ficus</i> sp.? <i>Cyphostemma</i> sp.?	ukokha, kokha khokha	9 5	MP	root		-	-	-
<i>Foeniculum vulgare</i> ? <i>Plectranthus haddensis</i>	imboziso imboziswa	1 5	MP	root	shrub	4E, 2A, 2D, R	1 low, 4 high	58±26 (8-154)
<i>Ganoderma</i> sp.	sibinde	9	MP	epiphyte	epiphyte	1D, 1R	1 low, 1 high	33
<i>Ganoderma</i> sp. growing on <i>Pterocarpus angolensis</i>	isibindi somvangathi	9	MP	fungus	epiphyte	ID	1 low	250

## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
<i>Gardenia volkensii</i>	litsanga	5	MP	fruit	tree	-	-	-
<i>Gardenia volkensii</i>	tshiralala	5	NP	fruit	shrub	2A	-	60
<i>Gardenia volkensii</i>	sivalasangwane uvalasangwane	9	MP	fruit	tree	1E	1 high	55
<i>Geigeria cf burkei</i>	icimamlilo,	5	MP	root		2A	2 low	28±16 (6-50)
<i>Pentanisia prunelloides</i>	isicimamlilo umlili	5						
<i>Gerbera ambigua</i>	umlimlenkomo	1	MP	root		ID	-	4
<i>Gloriosa superba</i>	ingobamakhosi ingobamakhotsi	5	MP	root	creeper	1A, 1D	1 high, 1 low	21±1 (20-21)
<i>Gnidia kraussiana?</i> but shrublet	umsilawengwe	1	MP	root	creeper	ID	-	10
<i>Gomphocarpus physocarpa</i>	inzema	13	MP	root	herb	1E	1 high	19
<i>Gumera perperna</i>	ugobho, gobho	1	MP	root	shrub	2E, 1D	2 high	33
<i>Gynandriris setifolia</i>	phandavha shiminya	8	NP			1A	1 very high	-
<i>Helichrysum panduratum</i> , var. <i>transvaalensis</i> , <i>Helichrysum odoratissimum</i>	imphepho mphepho	5	MP	flower, leaves	herb	-	-	-
<i>Helichrysum</i> spp.		1						
<i>Heteromorpha arborescens</i> <i>Dodonaea viscosa</i>	muthathavhanna	8 6	NP	root		1E	1 average	250
<i>Hippobromus pauciflorus</i>	isiphahluka, siphahluka	2	MP	root	tree	1E, 1D	1 low	100
<i>Hippocratea longipetiolata</i>	lurrhu, lurru inkobeskhole inkobiskhole kobiskhole	5 5	MP	root	climber	4E	1 low, 2 high, 1 average	131±92 (8-333)
<i>Hippocratea parvifolia</i>	murumulele lwa	5	NP	root	creeper	1A	-	188
<i>Hydnora africana</i> <i>Sarcophyte sanguinea</i>	umavumbuka mavumbuka	2 2	MP	whole plant	parasite	1A	-	-

<i>Hypericum</i> spp.?	1	MP	root	shrub	-	200
<i>Hypoxis colchicifolia</i>	5	MP	bulb	geophyte	IE, 2A, 3D	29±11 (7-63)
<i>Hypoxis</i> spp.	2					6 high
<i>Jasminum multiparitum</i>	5	MP	root	climber	ID	17
<i>Jatropha hirsuta</i>	4	MP	root		-	-
<i>Justicia capensis</i>	1	MP	leaves, stems	shrub	2E, 1A	125±42 (83-167)
<i>Kigelia africana</i>	17	NP	root	tree	IE	200
<i>Kigelia africana</i>	5	MP	fruit	tree	2A	14±3 (11-16)
<i>Lannea schweinfurthii</i> var <i>stuhlmanni</i>	5	NP	bark	tree	1A	500
<i>Lippia javanica</i> (=umsuzwane)?	5	MP	root	herb	ID	13
<i>Lippia javanica</i>	8	NP	stems, leaves	shrub	-	-
<i>Lonchocarpus capassa</i>	5	MP	bark	tree	IE	-
<i>Maclura africana</i>	15	MP	root	tree	8E, 3A	152±47 (42-441)
<i>Salacia kraussii</i>	11					5 high, 1 very high
<i>Maerua edulis</i>	5	MP	root	shrub	5E, 1A, 2D	84±27 (25-200)
<i>Maerua juncea</i>		NP	root	shrub	1A	500
<i>Maesa lanceolata</i>	5	MP	bark	tree	IE, 3A, 1dk	48±13 (25-93)
<i>Manilkara mochisia?</i>	15	MP	root	tree	1A	-
<i>Syzgium guineense?</i>						1 very high
<i>Maytenus undata</i>	1	MP	bark	tree	-	-
<i>Mentha longifolia</i>	4	MP	root	tree	4E	55±13 (42-100)

## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
<i>Mimosa pudica</i> <sup>a</sup>	indabululvalo	9	MP	root	herb	ID	1 high	-
<i>Senecio bupleuroides</i>	dabululvalo	2						
mixture: <i>Euclea</i> sp.	icithamuzi	5	MP	root		ID	1 high	40
unidentified sp.	inyankwabe	9						
<i>Sansevieria hyacinthoides</i> ?	sikhwendle	9						
<i>Turbina oblongata</i>	boqo	9						
unidentified sp.	binzo							
mixture: <i>Gerbera ambigua</i>	mixture: mimi lemkomo	1	MP	root		ID	1 high	13
unidentified sp.	lutsilinya							
<i>Foeniculum vulgare</i> ,	imboziso	1						
<i>Plectranthus hadiensis</i> or	ubhoqo	5						
<i>Scabiosa columbaria</i>		5						
<i>Turbina oblongata</i>		9						
<i>Mondia whitei</i>	muungulawa	8	NP	root	climber	ID	1 high	1 000
<i>Mondia whitei</i>	umondi	1	MP	bark	tree	-	-	-
	mondi	2						
<i>Moraea spathulata</i>	ingqunda	2	MP			IE	1 low	-
<i>Neorautanenia ficifolius</i>	isikhundia	5	MP	root	shrub	3E, 1A, 2R	2 average, 2 high	143±71 (7-417)
	sikhulundia							
<i>Nidorella</i> sp.?	umhlabalo	1	MP	root		ID	1 very high	-
<i>Selago</i> sp.?	hlalalo							
<i>Nymphaea</i> spp.	izibu	2	MP	root	aquatic herb	-	1 high	45
<i>Nymphaea nouchali</i>	zibu							
<i>Ochna inermis</i>	umahlanganiso	5	MP	root	tree	1A	-	-
<i>Ochna natalitia</i>	mahlanganiso							
<i>Ocotea bullata</i>	unukani	1	MP	bark	tree	2A	2 high	500
<i>Ocotea kenyensis</i>	muangata	8	NP	root	tree	ID	-	100
<i>Olax dissitiflora</i>	umaphunzane	4	MP	bark	tree	IE	1 high	80
	maphunzane							
<i>Osyris lanceolata</i>	mpeta	5	NP	root	tree	1A	1 very high	214
<i>Pachypodium saundersii</i>	umzimuka, mazimuka	9	MP	root, stem	shrub	2E		15

<i>Pappae capensis?</i>	hiarho, hiaru?	MP	bark	tree	2E	1 very high	65±25 (40-91)
parasite of <i>Acacia burkei</i> , <i>Acacia nigrescens</i> or <i>Acacia sieberiana</i>	iphakamalemkhaya	9 5	root	parasite	1A	1 high	-
parasite of unidentified species	nzunzu dzoperi	8	whole plant	parasite	1E	-	100
parasite of unidentified species	nzunzu ya musia ma	8		parasite	-	-	-
parasite of <i>Acacia</i> <i>ataxacantha</i>	nzunzu ya muluwa	8	leaves, stems	parasite	-	1 average	250
parasite of <i>Adansonia</i> <i>digitata</i>	thahame ya muvhuyu	8	root	parasite	1E	1 average	333
parasite of <i>Adenia</i> <i>gummifera</i>	nzunzu ya bophe	8	root	parasite	-	1 very high	1 000
parasite of <i>Adenium</i> <i>multiflorum</i>	nzunzu ya tshivhuya dumbu	8	stem	parasite	-	1 high	500
parasite of <i>Aloe</i> (generic)	nzunzu ya tshikhopho	8	stem	parasite	-	-	750
parasite of <i>Bauhinia</i> <i>galpinii</i>	nzunzu ya mutswiriri	8	whole plant	parasite	-	1 very high	1 042±292 (750-1333)
parasite of <i>Cussonia</i> <i>paniculata</i> or <i>Cussonia</i> <i>spicata</i>	nzunzu ya musenzhe	8	whole plant	parasite	-	-	143
parasite of <i>Erythrina</i> <i>lystisemon</i>	nzunzu ya muvhale	8	whole plant	parasite	-	-	-
parasite of <i>Euphorbia</i> <i>cooperi</i>	nzunzu ya mukonde	8	whole plant	parasite	-	1 high	-
parasite of <i>Euphorbia</i> <i>tirucalli</i>	nzunzu ya mutungu	8	whole plant	parasite	-	1 high	750
parasite of <i>Euphorbia</i> <i>ingens</i>	nzunzu ya mukondingala	8	whole plant	parasite	1A	-	-
parasite of <i>Flueggea virosa</i>	nzunzu ya mutangahuma	8	root	parasite	-	1 very high	1 000
parasite of <i>Landolphia kirkii</i>	nzunzu ya muvhungo	8	whole plant	parasite	1A	1 very high	1 500

## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
parasite of <i>Lannea schweinfurthii</i> var <i>stuhlmannii</i>	nzunzu ya vuvivhadza	8	NP	stem	parasite	ID	-	500
parasite of <i>Morus alba</i> <sup>a</sup>	nzunzu ya murebeila	8	NP	whole plant	parasite	IA	1 very high	-
parasite of <i>Ocotea kenyensis</i>	nzunzu ya muangata	8	NP	whole plant	parasite	-	-	-
parasite of <i>Peltophorum africanum</i>	nzunzu ya musese	8	NP	whole plant	parasite	IA	1 very high	-
parasite of <i>Pleurostylia capensis</i>	nzunzu ya murumulelawwa	8	NP	stems	parasite	-	1 very high	750
parasite of <i>Senna petersiana</i>	nzunzu ya munembenembe	8	NP	stem	parasite	-	1 very high	750
parasite of <i>Spirostachys africana</i>	nzunzu ya muonze	8	NP	whole plant	parasite	IA, ID	1 very high	667
parasite of <i>Syzgium cordatum</i>	nzunzu ya mutu	8	NP	whole plant	parasite	-	1 high	750
parasite of <i>Tabernaemontana elegans</i> or <i>Holarrhena pubescens</i>	nzunzu ya mubatu	8	NP	leaves, stems	parasite	-	1 high	1 000
parasite of <i>Tetradenia riparia</i>	nzunzu ya thsiololo	8	NP	whole plant	parasite	-	1 very high	750
parasite of <i>Trichilia emetica</i>	nzunzu ya mutshikili	8	NP	whole plant	parasite	-	1 high	750
parasite of <i>Wrightia natalensis</i>	nzunzu ya musunzi	8	NP	root	parasite	-	1 very high	250
<i>Parinari curatellifolia</i>	ubumbula	5	MP	root	tree	IE	1 high	35
<i>Parinari curatellifolia?</i>	muvhora?	8	NP	bark	tree	IE	1 high	200
<i>Pelargonium</i> sp.	likhukubhala ukhukubhala khukubhala	5	MP	root	herb	IE	1 high	11

<i>Pelargonium</i> sp.?	5	MP	root	herb	1A	1 high	71
<i>Senecio</i> sp.	5						
<i>Pelargonium</i> sp.	2	MP	root	runner	-	1 very high	45
<i>Peltophorum africanum</i>	5	MP	bark	tree	IE, 3A	4 high	37=1 (36-38)
<i>Peltophorum africanum</i>	8	NP	root	tree	ID	-	-
<i>Peltophorum africanum</i>	2	NP	bark	tree	IE	1 low	-
<i>Peucedanum magalismontanum</i>	5	MP	root	herb	ID, IR	1 high, 1 very high	1400
<i>Pittosporum viridiflorum</i>	5	MP	bark	tree	ID, IR	2 low	286±140 (23-333)
<i>Pleurostylia capensis</i>	5	NP	root	tree	ID	1 high	75
<i>Pleurostylia capensis</i>	1	MP	bark	tree	IE, ID	2 high	40:20 (20-59)
<i>Podocarpus falcatus</i>	10	NP	root	tree	1A	-	250
<i>Priva cordifolia?</i>	2	MP	fruit capsule	herb	3E, ID	3 high	765±619 (75-2 000)
<i>Protea</i> spp.	5	MP		shrub/tree	2A	2 high	-
<i>Prunus africana</i>	1	MP	bark	tree	-	-	-
<i>Psammotropha myriantha</i>	5	MP	root	herb	ID, 1A	2 high	-
<i>Ptaeroxylon obliquum</i>	5	MP	root	tree	1A, ID	1 high, 1 very high	290±227 (71-526)
<i>Pterocelastrus</i> spp.	1	MP	bark	tree	IE, 2A, ID, IR	5 high	34±6 (15-48)
<i>Pterocelastrus echinatus</i>	5						
<i>Pyrenacantha grandiflora?</i>	8	MP	root	climber	1A	-	500
<i>Pyrenacantha grandiflora?</i>	8	MP	stems	climber	1A	1 low	87
<i>Pyrenacantha grandiflora</i>	5	MP	root	creeper, climber	IE, 2A	-	71±64 (63-83)

Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
<i>Pyrenacantha grandiflora</i>	velavahleke	8	NP	root	climber	1A	-	500
<i>Rapanea melanophloeos</i>	umaphipha maphipha	5	MP	bark	tree	4E, 1D	2 low, 2 high	51±11 (33-83)
<i>Rhoicissus tridentata?</i>	isingwathi	10	MP	root	tree	2E	1 high	50±17 (33-67)
<i>Rhoicissus microphylla?</i>								24
<i>Rhynchosia monophylla</i>	shakhakan (shikwane?)	5	MP	root	flower	1D	1 high	-
<i>Ricinus communis?</i> (=mupfure)	pafure	5	NP	seeds		1A	-	-
<i>Rumex sagittatus</i>	inongonongo linongonongo nongonongo	5	MP	root		1A	-	25
<i>Salacia kraussii?</i>	xiriri	15	NP	root	tree	1D	1 high	120
<i>Maclura africana?</i>		11	NP					
<i>Salacia rehmannii</i>	phatha-tshimima pandatshimima	8	NP	root	tree, shrub	2E, 1D	1 high	2 0 0
<i>Sansevieria hyacinthoides?</i>	skhwayana	9	MP	root	herb	1D	1 very high	143
<i>Sansevieria hyacinthoides</i>	skhwenka isikhwendle	9	MP	root	herb	1D	1 high	-
<i>Sarcophyte sanguinea</i>	unavumbuka	2	MP	root	parasite	1D, 1R	1 high	125±25 (100-150)
<i>Hydnora africana?</i>	mavumbuka	2	MP	fungus	fungus	-	-	286
<i>Sarcophyte sanguinea?</i>	unavumbuka	2	MP					
<i>Hydnora africana?</i> growing in <i>Acacia</i> <i>xanthophloea</i>	from ukhanyakude	5	MP					
<i>Scabiosa columbaria?</i>	imboziso	5	MP	root	herb	1E, 1R	1 average	42±15 (28-57)
<i>Foeniculum vulgare?</i>								
<i>Scilla natalensis</i>	inguduza	1 9	MP	bulb	herb	1E, 1D	1 very high	71±54
<i>Scilla</i> spp.	ingcino (bantwana)	5	MP	bulb	geophyte	1A	1 high	50
<i>Albuca setosa</i>	ngcino	1	MP	bulb				





## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
<i>Synaptolepis kir-kii</i>	uvumalomhlophe vumalomhlope, vuma	1	MP	root	shrub	4E, 3A	5 high, 2 very high	45±13 (8-100)
<i>Tabernaemontana elegans</i> <i>Holarthena pubescens?</i>	muhatu	5	NP	root	tree	1E	-	167
<i>Talinum caffrum</i>	umpunyuka punyuka	4	MP	root	herb	1E, 1R	1 high	138±113 (25-250)
<i>Tephrosia longipes</i>	velabahleka	5	MP	root	herb	1E, 3A	3 high, 1 very high	113±65 (28 - 500)
<i>Celostia trigyna</i>	velabahleka	1						
<i>Crotalaria</i> sp.		1						
<i>Thesium</i> sp. cf <i>pallidum</i>	umehesaka mehesaka	1	MP	root	herb	1D	1 high	50
<i>Toddalia asiatica?</i>								
<i>Capparis tomentosa?</i>	gwambadzi	8	NP	root	herb	1E	-	-
<i>Tragia rupestris</i>	tshitondvhe	8	NP	root	shrub	-	-	-
<i>Trema orientalis</i>	isakasaka, sakasaka	4	MP	root	tree	2E	2 high	20
<i>Tulbaghia ludwigiana</i>	umwetele	1	MP	bulb	geophyte	2E, 1A	2 high, 1 low	127±51 (76-179)
<i>Tulbaghia</i> sp.	umwetelewa	5						
<i>Turbinia oblongata</i>	uoboqo, boqo	9	MP	root	herb	3E, 3A, 2D	1 low, 5 high	37±21 (7-143)
<i>Ipomoea</i> spp.		2						
<i>Turraea floribunda?</i>	uvuma, vuma	5	MP	root	creeper	1E	1 high	333
<i>Dolichos falciformis?</i>		5						
<i>Urginea altissima</i>	isidlulwane, sidlulwane	4	MP	bulb	geophyte	1A	1 high	28
<i>Urginea altissima</i>	isilulawane, silulawane halakavuma	4	MP	bulb	geophyte	2E, 1D	4 high	250
		9						
<i>Urginea altissima</i>	umahlolozo mahlolozo	2	MP	bulb	geophyte	1D		-
<i>Urginea altissima</i>	umgulube	2	MP	root	climber	1A	1 high	11
<i>Urginea altissima</i>	lukhovu, khovu shuze	9	MP	bulb	geophyte	1D	1 low, 1 high	10
<i>Uvaria caffra</i>	munna u mutswu munna-mutswu	5	NP	root	shrub	2D	1 high	107

<i>Uvaria caffra?</i> (=munamutsu)	umunyamatsi munyamatsi	5	MP	bark	tree	1E	1 high	20
<i>Vepris reflexa</i>	lifembo	5	MP	root	scrambler	ID	1 high	21
<i>Vernonia adoensis</i>	linyathelo, linyatselo inyathelo	5	MP	root	shrub	2A, 1D	1 low, 1 high	86±23 (63-108)
<i>Vernonia adoensis?</i>	matsenyelo?	5	MP	mixture	shrub	-	-	-
<i>Viscum</i> spp.	nzunzu (ya)	8		whole plant	parasite			
<i>Erianthemum</i> spp.	tshirungulu	8						
<i>Plicosepalus</i> <i>kalachartiensis</i>		8						
<i>Agelanthus</i> spp.		8						
<i>Warburgia salutaris</i>	mulanga	5	NP	bark	tree	ID	1 high, 1 very high	1 250
<i>Warburgia salutaris</i>	isibaha, isibhaha	5	MP	bark	tree	5E, 5A, 1D, 3R	9 high, 4 very high	102±27 (11-278)
<i>Withania somnifera</i>	musalama vumbini	8	NP	root	shrub	2E	1 very high	-
<i>Wrightia natalensis</i>	musunzi		NP	root	tree	1A	1 high	250
<i>Xanthocercis zambesiaca</i>	umhlathi, umhlwati hlatu?	5	MP	bark	tree	2E, 2A, 2D, 1R	4 high, 1 very high	150±82 (25-714)
<i>Xerophyta retinervis</i>	intatwa	9	MP	root	herb	1E	1 high	58
<i>Ximenia caffra</i>	umthunduluka thunduluka	5	MP	root	root	1A	1 high	68
<i>Ximenia caffra?</i>	uvuka vuka	5	MP	root	shrub	1E, 1A	1 high	200
<i>Gymnosporia buxifolia?</i>	munungu	5	NP	root	tree	1A	1 high	167
<i>Zanthoxylum lepreurii</i>		8						
<i>Zanthoxylum capense</i>		8						
<i>Zanthoxylum davyi</i>	umanungwane	4	MP	root	tree	1A	high	625
<i>Zanthoxylum capense?</i>								
<i>Zanthoxylum davyi</i>								
<i>Zoutpansbergia caerulea</i>	nyatsinyatsi	8	NP	root	shrub	-	1 very high	-
<i>Zoutpansbergia caerulea?</i>	zinyati		MP	root		1E	1 very high	83
unidentified species	allen (white)		MP			-	-	-

Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded stems, roots, leaves	Life form	... availability of sp?		Price (R/kg) ...
						IE, ID	... consumer demand 1 average, 1 high	
unidentified species	ubenukela benukela		MP	root	herb	IE, ID	1 average, 1 high	125
unidentified species	bhimba		MP	root		ID	-	29
unidentified species	ubuyafuthi buyafuthi	MP	root		IR	1 high	-	
unidentified species	chigwane thsingwane?		MP	root		-	-	-
unidentified species	dorobo maka-kombanzhe		NP	root	tree	-	1 very high	5 000
unidentified species	habankathi		MP	root	tree	ID	-	3
unidentified species	ijampundla		MP	root	tree	IE	1 high	81
unidentified species	jigantambo, jigantambo		MP	root		IE, 1A	2 high	125
unidentified species	ikhovane, khovane		MP	bulb	herb	IE, ID	1 high	20
unidentified species	imbovana		MP	leaves, stems	herb	IE	-	1000
unidentified species	imphandzo		MP	bark	tree	1A	1 high	125
unidentified species	incolokhlulu		MP	root	tree	IE	1 high	-
unidentified species	indatshwa, indatsha		MP	mixture: leaves, stems		IE	-	114
unidentified species	indisabusunu		MP	root	herb	1A	1 high	21
unidentified species	indlanlabaloyi		MP	root		-	-	-
unidentified species	inkukhumukho		MP	root	tree	IE	1 high	17
unidentified species	inkwevu		MP	root		IR	-	20
unidentified species	inongelo, nongelo		MP	root	tree	IR	-	57
unidentified species	intando		MP	root		1A	1 high	91
unidentified species	inthibu		MP	leaves, stems	herb	-	-	300
unidentified species	inthoba		MP	root	flower	IE	1 high	71
unidentified species	inthokholofvu		MP	root		IE		13
unidentified species	intombane		MP	root		IE	1 high	42

unidentified species	inyani	MP	root	tree	IE	1 high	36
unidentified species	iphendulo, phendulo	MP	root	tree	2A	2 high	76
unidentified species	isalakathi finyezi	MP	root	creeper	IE	1 high	20
unidentified species	isibonsela	MP	root		1A	1 low	83
unidentified species	isihlafurala (sihlafurrala)	MP	root	tree	1A	1 high	83
unidentified species	isikhoto	MP	root	shrub	1A	1 high	6
unidentified species	isukhulu	MP	bark	tree	1dk	-	-
unidentified species	ithobani	MP	root	tree	IE	1 high	86
unidentified species	itobona	MP	root		-	1 high	50
unidentified species	kanambo	MP	bulb	geophyte	-	-	100
unidentified species	khoromo	NP	root	shrub	-	-	-
unidentified species	khungumedzi	NP	root	shrub	2D	1 low	86
unidentified species	khwelane	MP	root	shrub	-	-	-
unidentified species	liphatakosi	MP	root		1D	1 very high	42
unidentified species	lutsilinya	MP	root		-	1 low	20
unidentified species	lwani	NP			-	-	-
unidentified species	mazwiila	NP	root		1A	-	167
unidentified species	mrumbula shedo	NP	root		1A	1 high	500
unidentified species	mulamba-tshika	NP	root	tree	-	-	-
unidentified species	munama	NP	seeds		1A	1 low	5 000
unidentified species	mununganzie	NP	root	shrub	1D	1 high	-
unidentified species	mutama	NP	root	creeper	-	-	-
unidentified species	muvhulawa/muvhugwa?	NP	root	tree	-	-	-
unidentified species	parribe khande	MP	bulb	geophyte	IE, 1A	2 high	200
unidentified species	penyadzizwe	NP	root	tree	-	-	-
unidentified species	plisha	MP	root	herb	IE	1 high	27

## Appendix 1 (continued)

Scientific name	Vernacular name	Reference	Province	Part traded	Life form	... availability of sp?	... consumer demand	Price (R/kg) ...
unidentified species	sandawane		MP	bark	tree	ID	1 varies	67
unidentified species	sehlulamanye (black)		MP	bark	tree	1A	1 very low	125
unidentified species	sehlulamanye (omhlope)		MP	bark	tree	IE	1 low	250
unidentified species	shitakana		MP			ID	1 very high	-
unidentified species	shitivane		MP	bulb	geophyte	1A	-	31
unidentified species	shuplefwe		MP	root		IE	-	10
unidentified species	skakane		MP	root	flower	IE	high	50
unidentified species	skibanyonga		MP	root		IE	high	200
unidentified species	thavhela		NP	bulb		1A	1 high	1 000
unidentified species	tshidohana		NP	root	tree	-		-
unidentified species	tshihatsi tsha ndila		NP	flower	herb	1A	1 very high	500
unidentified species	tshiidza-vhakalaha		NP	root	creeper	-		-
unidentified species	tshiwatsho		NP			-		333
unidentified species	twatwa-shona vapidza		NP	root		IE	1 low	50
unidentified species	ubhatapani		NP	root	herb	ID		667
unidentified species	ubinzo, binzo		MP	root		ID	1 high	-
unidentified species	ubohloboho bohloboho		MP	fruit	tree	IE	1 average	10
unidentified species	uducani		MP	root		-		-
unidentified species	ukilimah khundu		NP			IE		1 000
unidentified species	ulumulala		NP			1A		-
unidentified species	umahlabe kufeni		MP	root	creeper	ID	1 high	83
unidentified species	umahlabelefin?		MP	root	creeper	ID	1 high	83
unidentified species	umalamba kuphila		MP			-		-

unidentified species	umbambilwaba thaki	MP	root	-	-	-	-
unidentified species	umbonselene	MP	root	IR	1 very high	40	
unidentified species	umhlamphala	MP	root	ID	1 high	11	
unidentified species	umhlanula lemyama	MP	root	IA	-	1000	
unidentified species	unjamala	MP	root	IE	1 high	50	
unidentified species	umkahlu	MP	root	IE	1 high	22	
unidentified species	umkhwehlane	MP	bulb	IE	-	-	
unidentified species	umlomonandi	NP	root	IA	-	-	
unidentified species	umnanjama	MP	root	-	-	-	
unidentified species	umnanjane	MP	bark	-	-	-	
unidentified species	umthemliso, umthimo liso	MP	bark	ldk	1 high	25±11 (13-36)	
unidentified species	umuthi wenhloko	MP	root	-	-	-	
unidentified species	umuyelela	MP	bark	ldk	-	10	
unidentified species	uvunkazi, vunkazi	NP	bark	IE	1 low	40	
unidentified species	uvuka, vuka	MP	leaves, stems	IA, ID	2 high	378±311 (50-1000)	
unidentified species	uvula, vula	MP	root	ldk	1 high	83	
unidentified species	uvulabalile, vulabalile	MP	root	IA	1 high	2222	
unidentified species	uvusankhuzi vusenkhuzi	MP	root	IA, ID	2 high	38±29 (9-68)	
unidentified species	vha mbamu thakhathi	NP	root	IA	1 average	94	
unidentified species	vhusenda	MP	root	-	-	13	
unidentified species	xiganama	NP	bulb	ID	-	25	
unidentified species	xivunge	NP	root	IA	1dk	-	

Appendix 2  
Vernacular names

Vernacular name	Scientific name	Language	Reference
amahlabatsekatse	<i>Abrus laevigatus</i>	Zulu	5
beka	<i>Peucedanum magalismsontanum</i>	Zulu	5
bekemina	<i>Peucedanum magalismsontanum</i>	Zulu	5
bhubha	<i>Crotalaria capensis</i>	Zulu	13
bhubhubhu	<i>Crotalaria capensis</i>	Zulu	13
bongobongo	<i>Buddleja salviifolia</i>	Zulu	5
bophe	<i>Adenia gummifera</i>	Venda	8
boqo	<i>Turbina oblongata</i>	Zulu	5
budhlo	<i>Albizia adianthifolia</i>	Zulu	5
bulani	<i>Albizia anthelmintica</i>	Zulu	2
bwere	<i>Pyrenacantha grandiflora</i>	Tsonga?	5
citha	<i>Euclea divinorum, Euclea natalensis, Euclea schimperi var daphnoides,</i>		5,2,2
citha	<i>Ilex sp.</i>	Zulu	2
cithamuzi	<i>Euclea divinorum, Euclea natalensis, Euclea schimperi var daphnoides</i>	Zulu	2,2
dabalaluvalo	<i>Maytenus undata</i>	Zulu	9
delunina	<i>Asclepias cucullata</i>	Zulu	9
dema	<i>Coccinia sp.</i>	Zulu	5
dodebhovu	<i>Capparis tomentosa</i>	Zulu	5
dodemnyama	<i>Diospyros galpinii, Diospyros villosa</i>	Zulu	2
dwendwene, dwendweni	<i>Crocoshia spp., Dierama spp., Eulophia spp., Gladiolus oatesii, Gladiolus sp.</i>	Zulu	5,5,1,7
dwere	<i>Pyrenacantha grandiflora</i>	Tsonga?	5
fehla	<i>Capparis tomentosa</i>	Tsonga?	15
fehlwa	<i>Capparis tomentosa</i>	Tsonga?	15
gibisila	<i>Bowiea volubilis</i>	Zulu	5
gobamlomo	<i>Cyanotis speciosa, Gloriosa superba, Cucumis spp.</i>	Zulu	5
gobandlovu	<i>Balanites maughamii</i>	Zulu	5
gobandlovu	<i>Secamone gerrardii</i>	Zulu	5
gumululo	<i>Elephantorrhiza spp.</i>	Zulu	5
gwambadzi	<i>Toddalia asiatica, Capparis tomentosa</i>	Venda	8
halakavuma	<i>Urginea altissima</i>	Zulu	9
hawulane	<i>Coccinia rehmannii, Kedrostis hirtella</i>	Zulu	5
hlabalo	<i>Nidorella sp., Selago sp.</i>	Zulu	1
hlakahla	<i>Agapanthus sp.</i>	Zulu	9
hlakahla (groot)	<i>Agapanthus sp.?</i>	Zulu	
hlakahle	<i>Agapanthus sp.</i>	Zulu	9
hlakahle (klein)	<i>Crinum buphanoides</i>	Zulu	5
hlarho, hlaru?	<i>Pappea capensis?</i>	Zulu	
hlatu	<i>Xanthocercis zambesiaca?</i>	Zulu	5
hlume	<i>Breonadia salicina</i>	Zulu	9
icalakwetshwa	<i>Steganotaenia araliacea</i>	Swazi	5
icimamlilo	<i>Geigeria cf burkei, Pentanisia prunelloides</i>	Zulu	5
icithamuzi	<i>Euclea divinorum, Euclea natalensis, Euclea schimperi var daphnoides,</i>	Zulu	2,2,5
ikhalelane	<i>Aloe arborescens, Aloe tenuior</i>	Zulu	2
ikhalelo	<i>Aloe arborescens? Aloe tenuior (=khalelane)</i>	Zulu	2

1=Cunningham, 1992; 2=Hutchings et al., 1996; 3=Watt & Breyer-Brandwijk, 1962; 4=Phindulwandle nursery; 5=Collected; 6=van Wyk et al., 1997; 7=Pooley, 1998; 8=Thohoyandou Herbarium, 2000; 9=Traditional healers from KNP Traditional Healers Programme; 10=Fox & Norwood Young, 1982; 11=pers.comm. G Strydom, 2000; 12=Mabogo, 1990; 13=in litt. M Lötter, 2000; 14=Skukuza herbarium, KNP; 15=Mander, 1997; 16=Shackleton et al., 1995; 17=Von Breitenbach, 1981.



Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
ikhathazo	<i>Alepidea amatymbica</i>	Zulu	1
ikhokela	<i>Justicia capensis</i>	Zulu	1
imboziso	<i>Foeniculum vulgare</i> , <i>Plectranthus hadiensis</i> , <i>Scabiosa columbaria</i>	Zulu	1,5
imboziswa	<i>Foeniculum vulgare</i> , <i>Plectranthus hadiensis</i> , <i>Scabiosa columbaria</i>	Zulu	1,5
impetso	<i>Acridocarpus natalitius</i>	Zulu	5
impetswa	<i>Acridocarpus natalitius</i>	Swazi	5
imphepho	<i>Helichrysum</i> spp.	Zulu	1
imphepho (female)	<i>Helichrysum panduratum</i> . var. <i>transvaalensis</i>	Zulu	5
imphepho (male)	<i>Helichrysum odoratissimum</i>	Zulu	5
imphekayibonwe	<i>Cassyntha filiformis</i> <sup>a?</sup> , <i>Cephalaria humilus</i>	Swazi	5,1
impika	<i>Cassyntha filiformis</i> <sup>a?</sup> , <i>Cephalaria humilus</i>	Zulu	5,1
impikayiboni	<i>Cassyntha filiformis</i> <sup>a?</sup> , <i>Cephalaria humilus</i>	Zulu	5,1
impila	<i>Callilepis laureola</i>	Zulu	1
impilane	<i>Callilepis laureola</i>	Zulu	1
impinda	<i>Adenia gummifera</i> , <i>Adenia fruticosa</i>	Zulu	5, 13
impindamshaye	<i>Adenia gummifera</i> , <i>Adenia fruticosa</i>	Zulu	5, 13
incathsavane	<i>Cyperus</i> spp., <i>Schoenoplectus</i> sp.	Swazi	5
indabu	<i>Senecio bupleuroides</i> , <i>Elephantorrhiza elephantina</i>	Zulu	2,1
indabalulavalo	<i>Maytenus undata</i> , <i>Mimosa pudica</i> <sup>a</sup> , <i>Senecio bupleuroides</i>	Zulu	9,9,2
indiyaza	<i>Bersama tysoniana</i>	Swazi	1
indlandlovu	<i>Albizia adianthifolia</i> , <i>Pterocarpus rotundifolius</i> , <i>Piliostigma thonningii</i>	Zulu	9,5,5
indlebe	<i>Dioscorea elephantipes</i> , <i>Centella asiatica</i>	Zulu	9,5
indlodlemnyama	<i>Diospyros galpinii</i> , <i>Diospyros villosa</i>	Zulu	2
indodebhovu	<i>Capparis tomentosa</i>	Zulu	5
indodemnyama	<i>Diospyros galpinii</i> , <i>Diospyros villosa</i>	Zulu	2
indwendwene,	<i>Crocosmia</i> spp., <i>Dierama</i> spp., <i>Eulophia</i> spp.,		
indwendweni	<i>Gladiolus oatesii</i> , <i>Gladiolus</i> spp.	Zulu	5,5,1,8
ingcino	<i>Scilla natalensis</i> , <i>Scilla</i> spp., <i>Albuca setosa</i>	Zulu	5
ingobamakhosi	<i>Gloriosa superba</i>	Zulu	5
ingobamakhotsi	<i>Gloriosa superba</i>	Swazi	5
ingqunda	<i>Moraea spathulata</i>	Zulu	2
inguduza	<i>Scilla natalensis</i>	Zulu	9
ingwavuma	<i>Elaeodendron transvaalensis</i>	Zulu	5
inhlaba	<i>Aloe</i> spp.	Zulu	5
inhlabencane	<i>Aloe arborescens</i>	Swazi	2
inkhokhabhovu	<i>Cyphostemma sandersonii</i> , <i>Cyphostemma subciliatum</i> , <i>Cyphostemma woodii</i>	Zulu	4,5
inkobeskhale	<i>Hippocratea longipetiolata</i>	Zulu	5
inkobiskhale	<i>Hippocratea longipetiolata</i>	Zulu	5
inkomfe	<i>Hypoxis colchicifolia</i> , <i>Hypoxis</i> spp.	Zulu	5,1
inkunze	<i>Capparis tomentosa</i>	Zulu	5
inkunzebomvu	<i>Capparis tomentosa</i>	Zulu	5
inongonongo	<i>Rumex sagittatus</i>	Zulu	5
inqozi	<i>Manilkara mochisia</i> , <i>Syzgium guineense</i>	Zulu	15, 2
inqumbe	<i>Dioscorea dregeana</i>	Zulu	5
insikane	<i>Scirpus</i> spp.	Zulu	4
intatzwa	<i>Xerophyta retinervis</i>	Swazi	9
intelezi	<i>Cotyledon orbiculata</i> , <i>Sansevieria aethiopica</i>	Zulu	1,5
ntelezi	general term	Zulu, Swazi	9
inthitha	<i>Artabotrys brachypetalus</i>	Zulu	15

Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
inthunzikhulu	<i>Behnia reticulata</i>	Swazi	5
intolfwane	<i>Elephantorrhiza elephantina</i>	Zulu	5
intolwane	<i>Elephantorrhiza elephantina</i>	Zulu	5
inyathelo	<i>Vernonia adoensis</i>	Zulu	5
inyazangoma	<i>Prunus africana</i>	Zulu	1
inyogane?	<i>Dioscorea elephantipes, Cissampelos mucronata</i>	Zulu	9
inyokani?	<i>Dioscorea elephantipes, Cissampelos mucronata</i>	Zulu	9
inzema	<i>Gomphocarpus physocarpa, Coccinia</i> sp.	Zulu	13, 5
inzululwandle	<i>Protea</i> spp.	Swazi	5
inzululwane	<i>Protea</i> spp.	Swazi	5
ipakama	<i>Ansellia gigantea</i>	Zulu	9
iphambo	<i>Balanites maughamii</i>	Swazi	5
iphamblebankomo	<i>Peltophorum africanum</i>	Zulu	5
isakasaka	<i>Trema orientalis</i>	Zulu	4
isala	<i>Strychnos spinosa</i>	Zulu	5
isandlasomlungu	<i>Pelargonium</i> sp.	Zulu	2
isibaha	<i>Warburgia salutaris</i>	Swazi	5
isibotha	<i>Jasminum multipartitum</i>	Zulu	5
isicimamlilo	<i>Geigeria</i> cf <i>burkei</i> , <i>Pentanisia prunelloides</i>	Zulu	5
isidlulwane	<i>Urginea altissima</i>	Zulu	4
isifozoneke	<i>Dioscorea elephantipes?</i>	Zulu	
isikhundla	<i>Neorautanenia ficifolius</i>	Zulu	5
isikhwendle	<i>Sansevieria hyacinthoides</i>	Zulu	5
isinama	<i>Priva cordifolia, Achranthes aspera</i> <sup>a</sup>		
isindiyandiya	<i>Bersama tysoniana</i>	Zulu	1
isingwathi	<i>Rhoicissus microphylla?</i>	Zulu	10
isingwathi	<i>Rhoicissus tridentata?</i>	Zulu	10
isipalatse	<i>Dalbergia melanoxylo</i>	Swazi	9
isiphahluka	<i>Hippobromus pauciflorus</i>	Zulu	2
isithundu	<i>Elaeodendron matabelensis</i> (originally identified as <i>Cassina capense</i> ), <i>Ochna natalitia</i>	Zulu	2
izibu	<i>Nymphaea</i> spp., <i>Nymphaea nouchali</i>	Zulu	9,2
izinyolemamba	<i>Clematis brachiata</i>	Zulu	5
kgasha	<i>Maerua edulis</i>	Sotho?	5
khalelane	<i>Aloe arborescens, Aloe tenuior</i>	Zulu	2
khalelo	<i>Aloe arborescens?</i> (=khalelane)	Swazi	2
khanyakude	<i>Acacia xanthophloea</i>	Zulu	5
khatazo	<i>Alepidea amatymbica</i>	Zulu	5
khokhabhovu	<i>Cyphostemma sandersonii, Cyphostemma subciliatum</i>	Zulu	4,5
khokhela	<i>Justicia capensis</i>	Swazi	1
khovu	<i>Urginea altissima</i>	Swazi	5
khukubhala	<i>Pelargonium</i> sp.	Zulu	5
kobiskhale	<i>Hippocratea longipetiolata</i>	Zulu	5
kokha	<i>Ficus</i> sp., <i>Cyphostemma</i> sp.	Zulu	9,6
kukukhu	<i>Pelargonium</i> sp., <i>Senecio</i> sp.	Zulu	5
kunzebomvu	<i>Capparis tomentosa</i>	Zulu	5
libutha	<i>Asparagus asparagoides, Asparagus setaceus</i>	Swazi	5
licathsavana	<i>Cyperus</i> spp., <i>Schoenoplectus</i> sp.	Swazi	5
lidema	<i>Coccinia</i> sp.	Zulu	5
lifembo	<i>Vepris reflexa</i>	Swazi	5
ligcolo	<i>Croton megalobotrys</i>	Zulu	5
likhalelane	<i>Aloe arborescens, Aloe tenuior</i>	Zulu	2
likhalelo	<i>Aloe arborescens?</i> (=khalelane)	Swazi	2

## Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
likhatazo	<i>Alepidea amatymbica</i>	Swazi	5
likhatsato	<i>Alepidea amatymbica</i>	Swazi	1
likhawa	<i>Capparis tomentosa</i>	Swazi	16
likhaya	<i>Acacia burkei, Acacia nigrescens, Acacia sieberiana</i>	Swazi	5,1
likhokhela	<i>Justicia capensis</i>	Swazi	1
likhukubhala	<i>Pelargonium</i> sp.	Swazi	5
liletha	<i>Croton gratissimus, Papea capensis</i>	Zulu	1
liletsa	<i>Croton gratissimus, Papea capensis</i>	Zulu	4
linongonongo	<i>Rumex sagittatus</i>	Zulu	5
linyamatsi	<i>Ekebergia capensis</i>	Zulu	5
linyathelo	<i>Vernonia adoensis</i>	Swazi	5
linyathelolendlovu	<i>Dombeya rotundifolia</i>	Swazi	13
linyatselo	<i>Vernonia adoensis</i>	Swazi	5
lipakama	<i>Ansellia gigantea</i>	Swazi	9
liphambo	<i>Balanites maughamii</i>	Zulu	5
liphambolebankomo	<i>Peltophorum africanum</i>	Swazi	5
lisikane	<i>Scirpus</i> spp.	Swazi	5
litsanga	<i>Gardenia volkensii</i>	Swazi	5
lixiriri	<i>Maclura africana, Salacia kraussii</i>	Tsonga?	11,16
lubisana	<i>Secamone filiformis</i>	Swazi	5
lubisana 1	<i>Secamone</i> sp.	Swazi	5
lubisana 2	<i>Secamone</i> sp.	Swazi	5
lubulani	<i>Albizia anthelmintica</i>	Swazi	13
lukhovu	<i>Urginea altissima</i>	Swazi	5
lurrhu	<i>Hippocratea longipetiolata</i>		5
lurru	<i>Hippocratea longipetiolata</i>		5
mabophe	<i>Acridocarpus natalitius</i>	Zulu	15
madoda	<i>Adenium multiflorum</i>	Zulu	1
maguqu	<i>Maesa lanceolata</i>	Zulu	5
mahlanganisa	<i>Ochna inermis, Ochna natalitia</i>	Zulu	5,2
mahlokolozo	<i>Urginea altissima</i>	Swazi	2
mahukwe	<i>Cladostemon kirkii</i>	Zulu	9
makwene	<i>Mentha longifolia</i>	Zulu	4
manono	<i>Strychnos henningsii</i>	Swazi	5
manungwane	<i>Zanthoxylum capense, Zanthoxylum davyii</i>	Swazi	4
maphipha	<i>Rapanea melanophloeos</i>	Zulu	5
maphunzane	<i>Olox dissitiflora</i>	Zulu	4
masunungula	<i>Cladostemon kirkii</i>	Zulu	5
matakwane	<i>Dioscorea dregeana</i>	Swazi	5
matelemba	<i>Annona senegalensis</i>	Zulu	5
mathema	<i>Eucomis autumnalis</i>	Zulu	5
matsenyelo	<i>Vernonia adoensis</i>	Swazi	5
mavhofe	<i>Acridocarpus natalitius</i>	Venda	8
mavumbuka	<i>Sarcophyte sanguinea, Hydnora africana</i>	Swazi	2
mayime	<i>Dracaena hookeriana</i>	Zulu	5
mazibutha	<i>Asparagus asparagoides, Asparagus setaceus</i>	Swazi	5
mazimuka	<i>Pachypodium saundersii</i>	Zulu	9
mehesaka	<i>Thesium</i> sp.	Zulu	1
memezi	<i>Calodendrum capense, Cassipourea gerrardii, Cassipourea flanaganii, Cassipourea</i> spp.	Zulu	5
memezilobovu	<i>Cassipourea gerrardii, Cassipourea flanaganii, Cassipourea</i> spp.	Zulu	
memezomhlope	<i>Calodendrum capense</i>	Zulu	

Vernacular name	Scientific name	Language	Reference
minyana	<i>Croton sylvaticus</i>	Zulu	4
mondi	<i>Mondia whitei</i> , <i>Cinnamomum zeylanicum</i>	Zulu	1
mpesu	<i>Securidaca longipedunculata</i>	Venda	5
mpeta	<i>Osyris lanceolata</i>	Zulu	5
mpetso	<i>Acridocarpus natalitius</i>	Zulu	8
mpikayiboni	<i>Cassytha filiformis</i> <sup>a?</sup> , <i>Cephalaria humilus</i>	Zulu	5,1
mposhe	<i>Pittosporum viridiflorum</i>	Zulu	5
mshipa	<i>Euphorbia davyi</i> , <i>Euphorbia ingens</i>		13
mthomo	<i>Diospyros mespiliformis</i>	Zulu	5
muangata	<i>Ocotea kenyensis</i>	Venda	8
muembe	<i>Annona senegalensis</i>	Venda	5
muembe muembe	<i>Annona senegalensis</i>	Venda	10
muhatu	<i>Tabernaemontana elegans</i> , <i>Holarrhena pubescens</i>	Venda	8
muhovhohovho	<i>Podocarpus falcatus</i>	Venda	10
muime	<i>Albizia anthelmintica</i>	Venda	5
muimemuime	<i>Albizia anthelmintica</i>	Venda	5
mukonde	<i>Euphorbia cooperi</i>	Venda	3
mukondingala	<i>Euphorbia ingens</i>	Venda	8
mukopo-kopo	<i>Combretum paniculatum</i>	Venda	8
mukundulela	<i>Maerua juncea</i>	Venda	
mukuvhazwithi	<i>Elaeodendron transvaalensis</i>	Venda	8
mukuvhazwivhi	<i>Elaeodendron transvaalensis</i>	Venda	8
mulanga	<i>Warburgia salutaris</i>	Venda	8
mulelu	<i>Albizia tanganyicensis</i>	Venda	3
mulumanamana	<i>Cassia abbreviata</i>	Zulu	
mulumanamana	<i>Elaeodendron transvaalensis</i>	Venda	8
muluwa	<i>Acacia ataxacantha</i>	Venda	8
munembenembe	<i>Senna petersiana</i>	Venda	8
muniyi	<i>Berchemia discolor</i>	Venda	8
munnamutswu	<i>Uvaria caffra</i>	Venda	5
munungu	<i>Zanthoxylum capense</i> , <i>Zanthoxylum davyi</i> , <i>Zanthoxylum leprieurii</i>	Venda	8
muobadali	<i>Capparis tomentosa</i>	Venda	5
muonze	<i>Spirostachys africana</i>	Venda	8
mupesu	<i>Securidaca longipedunculata</i>	Venda	5
mupfure	<i>Ricinus communis</i>	Venda	5
muphapha	<i>Ficus abutilifolia</i>	Zulu	2
murebeila	<i>Morus alba</i> <sup>a</sup>	Venda	8
murumulela (male)	<i>Pleurostyliia capensis</i>	Venda	8
murumulala (female)	<i>Hippocratea parvifolia</i>	Venda	5
muruthu	<i>Croton megalobotrys</i>	Venda	5
musalama vumbini	<i>Withania somnifera</i>	Venda	8
musenzhe	<i>Cussonia spicata</i> , <i>Cussonia paniculata</i>	Venda	9
musese	<i>Peltophorum africanum</i>	Venda	8
mushakule	<i>Bauhinia petersiana</i>	Venda	5
musudzugwane	<i>Lippia javanica</i>	Venda	5
musunzi	<i>Wrightia natalensis</i>	Venda	8
mutanguhama	<i>Securinega virosa</i>	Venda	8
mutavhatsindi	<i>Brackenridgea zanguebarica</i>	Venda	8
muthatha-vhanna	<i>Heteromorpha arborescens</i> , <i>Dodonaea viscosa</i>	Venda	8,6
mutshikili	<i>Trichilia emetica</i>	Venda	8
mutshilari	<i>Elaeodendron</i> spp.	Venda	12
mutswiriri	<i>Bauhinia galpinii</i>	Venda	8

## Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
mutu	<i>Syzgium cordatum</i>	Venda	8
mutungu	<i>Euphorbia tirucalli</i>	Venda	3
mutungu	<i>Euphorbia tirucalli</i>	Venda	8
mutungule	<i>Euclea divinorum</i>	Venda	8
muumu	<i>Ficus</i> sp.	Swazi?	5
muunga-gwena	<i>Acacia zanthophloea</i>	Venda	17
muungulawa	<i>Mondia whitei</i>	Venda	8
muvevha	<i>Kigelia africana</i>	Venda	8
muvhale	<i>Erythrina lysistemon</i>	Venda	8
muvhora	<i>Parinari curatellifolia?</i>	Venda	8
muvhungo	<i>Landolphia kirkii</i>	Venda	8
muvhuyu	<i>Adansonia digitata</i>	Venda	8
muvumba ngwenya	<i>Acacia xanthophloea</i>	Venda	8
mwelelwa	<i>Tulbaghia ludwigiana, Tulbaghia</i> spp.	Swazi	1,6
ndawi	<i>Coleochloa setifera</i>	Venda	5
ndilele	<i>Conyza</i> sp., <i>Conostomium natalense</i>	Venda	5, 5
ndlebe	<i>Dioscorea elephantipes, Centella asiatica</i> <sup>a</sup>	Zulu	9,5
nongonongo	<i>Rumex sagittatus</i>	Zulu	5
nthitha	<i>Artabotrys brachypetalus</i>	Zulu	15
nthithan	<i>Artabotrys brachypetalus</i>	Zulu	15
nukani	<i>Ocotea bullata</i>	Zulu	1
nunankhulu	<i>Adenium multiflorum, Adenium swazicum</i>	Zulu	9
nyatsinyatsi	<i>Zoutpansbergia caerulea</i>	Venda	8
nzunzu (ya)	<i>Erianthemum ngamicum</i>	Venda	8
	<i>Agelanthus</i> spp.	Venda	8
	<i>Plicosepalus kalachariensis</i>	Venda	8
	<i>Viscum</i> spp.	Venda	8
pakama	<i>Ansellia gigantea</i>	Swazi	9
palavhashimana	<i>Aristea ecklonii</i>	Venda	5
pandatshimima	<i>Salacia rehmannii</i>	Venda	8
petso	<i>Acridocarpus natalitius</i>	Zulu	5
phahlana	<i>Mentha longifolia</i>	Zulu	4
phandavha shiminya	<i>Gynandris setifolia</i>	Venda	8
phatha-tshimima	<i>Salacia rehmannii</i>	Venda	8
phuphume	<i>Secamone gerrardii</i>	Zulu	1
pinda phinda	<i>Adenia gummifera, Adenia fruticosa</i>	Zulu	5, 13
phindakumshaye	<i>Adenia gummifera, Adenia fruticosa</i>	Zulu	5, 15
phindamshaye	<i>Adenia gummifera, Adenia fruticosa</i>	Zulu	5, 14
punyuka	<i>Talinum caffrum</i>	Zulu	4
rooistorm	<i>Bulbine alooides?</i>	Zulu	6
sakasaka	<i>Trema orientalis</i>	Zulu	4
sala	<i>Strychnos spinosa</i>	Zulu	5
sehlulamanye	<i>Pterocelastrus</i> spp., <i>Pterocelastrus echinatus</i>	Swazi	1,5
sethendesendlovu	<i>Dioscorea</i> sp.?	Zulu	
sethendse	<i>Dioscorea</i> sp.?	Zulu	
sethendesendlovu	<i>Dioscorea</i> sp.?	Zulu	
shikwane	<i>Rhynchosia monophylla</i>		5
shungwe	<i>Croton megalabotrys</i>	Zulu	5
shungweshungwe	<i>Croton megalabotrys</i>	Zulu	5
shuze	<i>Urginea altissima</i>	Swazi	5
sibinde	<i>Ganoderma</i> spp.	Swazi	9
sidlulwane	<i>Urginea altissima</i>	Swazi	4
sifozonke	<i>Dioscorea elephantipes?</i>	Zulu	

## Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
sihomhom	<i>Lonchocarpus capassa</i>	Swazi	5
sihomohomo	<i>Lonchocarpus capassa</i>	Swazi	5
sikhlundla	<i>Neorautanenia ficifolius</i>	Zulu	5
silulawane	<i>Urginea altissima</i>	Swazi	4
simuumu	<i>Ficus</i> sp.	Swazi?	5
sinama	<i>Priva cordifolia</i> , <i>Achyranthes aspera</i> <sup>a</sup>	Zulu	2,2
sindiyandiya	<i>Bersama tysoniana</i>	Swazi	1
sindiyaza	<i>Bersama tysoniana</i>	Swazi	1
sindlebe	<i>Dioscorea elephantipes</i> , <i>Centella asiatica</i> <sup>a</sup>	Swazi	9,5
sinthomo	<i>Diospyros mespiliformis</i>	Zulu	5
siphahluka	<i>Hippobromus pauciflorus</i>	Zulu	2
sithundu	<i>Elaeodendron matabelensis</i> (originally identified as <i>Cassina capense</i> ), <i>Ochna natalitia</i>	Zulu	2
sivalasangwane	<i>Gardenia volkensii</i>	Swazi	5
siwisa	<i>Centella glabrata</i> , <i>Lagenaria cf sphaeraca</i>	Zulu	5,5
siwome	seaweed	Zulu	5
skhwayana	<i>Sansevieria hyacinthoides</i>	Zulu	9
skhwenka	<i>Sansevieria hyacinthoides</i>	Zulu	9
sondeza	<i>Caesalpinia decapetala</i> <sup>a</sup>	Zulu	5
storm	<i>Bulbine alooides</i> ?		6
thinto	<i>Artabotrys brachypetalus</i>	Zulu	15
thitho	<i>Artabotrys brachypetalus</i>	Zulu	15
thsiololo	<i>Tetradenia riparia</i>	Venda	8
thunyulelelwa	<i>Pleurostyliya capensis</i>	Zulu	1
thunzi	<i>Behnia reticulata</i>	Swazi	5
thunzikhulu	<i>Behnia reticulata</i>	Swazi	5
tshane	<i>Psammotropha myriantha</i>	Swazi	5
tshanebezwe	<i>Psammotropha myriantha</i>	Swazi	5
tshikhopha	<i>Aloe</i> spp.	Venda	5
tshinyagu	<i>Cucumis africanus</i>	Venda	8
tshiralala	<i>Gardenia volkensii</i>	Venda	5
tshirungulu	<i>Agelanthus</i> spp.	Venda	8
tshitondvhe	<i>Tragia rupestris</i>	Venda	
tshivhuya dumbu	<i>Adenium multiflorum</i>	Venda	8
ubekemina	<i>Peucedanum magalismontanum</i>	Zulu	5
ubhubhubhu	<i>Crotalaria capensis</i>	Zulu	13
ubongobongo	<i>Buddleja salviifolia</i>	Zulu	5
uboqo	<i>Turbina oblongata</i>	Zulu	5
ubudhlo	<i>Albizia adianthifolia</i>	Zulu	5
ubumbula	<i>Parinari curatellifolia</i>	Venda	8
udakwa	<i>Dioscorea dregeana</i>	Zulu	5
udelunina	<i>Asclepias cucullata</i>	Zulu	9
ugibisila	<i>Bowiea volubilis</i>	Zulu	5
ugobamlomo	<i>Cyanotis speciosa</i> , <i>Gloriosa superba</i> , <i>Cucumis</i> spp.	Zulu	5
ugobandlovu	<i>Balanites maughamii</i>	Zulu	5
ugobho	<i>Gunnera perpensa</i>	Zulu	1
ugodide	<i>Jatropha hirsuta</i>	Zulu	4
ukhanyakude	<i>Acacia xanthophloea</i>	Zulu	5
ukhukubhala	<i>Pelargonium</i> sp.	Zulu	5
ukokha	<i>Ficus</i> sp., <i>Cyphostemma</i> sp.	Zulu	9,5
ukukukhu	<i>Pelargonium</i> sp., <i>Senecio</i> sp.	Zulu	5
ulosilina	<i>Cinnamomum camphora</i> <sup>a</sup>	Zulu	9,9
umabophe	<i>Acridocarpus natalitius</i>	Zulu	15

Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
umadoda	<i>Adenium multiflorum</i>	Zulu	1
umafutha omhlaba	<i>Callilepis laureola</i>	Zulu	2
umaguqu	<i>Maesa lanceolata</i>	Zulu	5
umahlanganiso	<i>Ochna inermis, Ochna natalitia</i>	Zulu	5,2
umahlokolozo	<i>Urginea altissima</i>	Zulu	2
umahukhu	<i>Cladostemon kirkii</i>	Zulu	9
umakwene	<i>Mentha longifolia</i>	Zulu	4
umanono	<i>Strychnos henningsii</i>	Swazi	5
umanungwane	<i>Zanthoxylum capense, Zanthoxylum davyii</i>	Zulu	4
umaphipha	<i>Rapanea melanophloeos</i>	Zulu	5
umaphunzane	<i>Olex dissitiflora</i>	Zulu	4
umasunungula	<i>Cladostemon kirkii</i>	Zulu	5
umatakwana	<i>Dioscorea dregeana</i>	Zulu	5
umathema	<i>Eucomis autumnalis</i>	Zulu	5
umavumbuka	<i>Sarcophyte sanguinea, Hydnora africana</i>	Zulu	2
umayime	<i>Dracaena hookeriana</i>	Zulu	5
umbijo? umbitsho?	<i>Behnia reticulata</i>	Swazi?	5
umehesaka	<i>Thesium sp.</i>	Zulu	1
umehlebatsa	<i>Abrus laevigatus</i>	Zulu	5
umehlebatsakatse	<i>Abrus laevigatus</i>	Zulu	5
umemezilobovu	<i>Cassipourea gerrardii, C. flanagani, Cassipourea spp.</i>	Zulu	
umemezilomhlope	<i>Calodendrum capense</i>	Zulu	5
umemezobhovu	<i>Cassipourea gerrardii, C. flanagani, Cassipourea spp.</i>	Zulu	
umemezomhlope	<i>Calodendrum capense</i>	Zulu	5
umfazi-othetha	<i>Ptaeroxylon obliquum</i>	Zulu	5
umfazotzetzayo	<i>Ptaeroxylon obliquum</i>	Swazi	5
umfusamvu	<i>Pittosporum viridiflorum</i>	Swazi	5
umgulube	<i>Clivia nobilis, Urginea altissima</i>	Zulu	2,5
umhlalabo	<i>Nidorella sp., Selago sp.</i>	Zulu	1
umhlathi	<i>Xanthocercis zambsesiaca</i>	Zulu	5
umhlume	<i>Breonadia salicina</i>	Zulu	9
umhlwati	<i>Xanthocercis zambsesiaca</i>	Swazi	5
umhuluka	<i>Croton gratissimus</i>	Zulu	5
umlili	<i>Geigeria cf burkei, Pentanisia prunelloides</i>	Zulu	5
umlimilenkomo	<i>Gerbera ambigua</i>	Zulu	1
umlomomnandi	<i>Catha edulis, Sclerochiton ilicifolius, Glycyrrhiza glabra</i>	Zulu	5,5,6
umlomomnanzi	<i>Catha edulis, Sclerochiton ilicifolius, Glycyrrhiza glabra</i>	Zulu	5,5,6
umlomomnanzilobhovu	<i>Catha edulis</i>	Zulu	5
umnala	<i>Albizia forbesii, Albizia petersiana</i>	Zulu	1
umnalo	<i>Albizia forbesii, Albizia petersiana</i>	Zulu	1
umondi	<i>Mondia whitei, Cinnamomum zeylanicum</i>	Zulu	1
umphahlana	<i>Mentha longifolia</i>	Zulu	4
umpunyuka	<i>Talinum caffrum</i>	Zulu	4
umsikane	<i>Scirpus spp.</i>	Zulu	4
umsilawengwe	<i>Gnidia kraussiana</i>	Zulu	1
umsuzwane	<i>Lippia javanica</i>	Zulu	5
umtelemba	<i>Annona senegalensis</i>	Swazi	5
umthombothi	<i>Spirostachys africana</i>	Zulu	5
umthombotsi	<i>Spirostachys africana</i>	Swazi	5
umthomo	<i>Diospyros mespiliformis</i>	Zulu	5
umthunyulelelwa	<i>Pleurostyliya capensis</i>	Zulu	1
umuyentsi	<i>Acokanthera oppositifolia</i>	Zulu	5
umvonkothsi	<i>Kigelia africana</i>	Swazi	5

## Appendix 2 (continued)

Vernacular name	Scientific name	Language	Reference
umwelela	<i>Tulbaghia ludwigiana</i> , <i>Tulbaghia</i> spp.	Zulu	1,5
umwelwela	<i>Tulbaghia ludwigiana</i> , <i>Tulbaghia</i> spp.	Zulu	1,6
umzimuka	<i>Pachypodium saundersii</i>	Zulu	9
undwendwene	<i>Crocoshia</i> spp., <i>Dierama</i> spp., <i>Eulophia</i> spp., <i>Gladiolus oatesii</i> , <i>Gladiolus</i> spp.	Zulu	5,5,1,5
undwendwenwe	<i>Crocoshia</i> spp., <i>Dierama</i> spp., <i>Eulophia</i> spp., <i>Gladiolus oatesii</i> , <i>Gladiolus</i> spp.	Zulu	5,5,1,6
unukani	<i>Ocotea bullata</i>	Zulu	1
ununankhulu	<i>Adenium multiflorum</i> , <i>Adenium swazicum</i>	Zulu	9
uroselina	<i>Cinnamomum camphora</i> <sup>a</sup>	Zulu	9,9
usahulumanye	<i>Pterocelastrus</i> spp., <i>Pterocelastrus echinatus</i>	Zulu	1,5
utshanebezwe	<i>Psammotropha myriantha</i>	Swazi	5
uvalasangwane	<i>Gardenia volkensii</i>	Zulu	5
uvankathema	<i>Diospyros mespiliformis</i>	Zulu	5
uvelabahleka	<i>Celosia trigyna</i> , <i>Crotalaria</i> sp., <i>Tephrosia longipes</i> , <i>Pyrenacantha grandiflora</i>	Zulu	1,1,5
uvuka	<i>Commiphora harveyi</i> , <i>Xanthocercis zambesiaca</i> , <i>Ximenia caffra</i> , <i>Gymnosporia uxifolia</i>	Swazi	5, 5
uvuma	<i>Turraea floribunda</i> , <i>Dolichos falciformis</i>	Zulu	5
uvumalomhlope	<i>Synaptolepis kirkii</i>	Zulu	5
uvumelwane	<i>Hypericum</i> spp.	Zulu	1
velabahleka	<i>Celosia trigyna</i> , <i>Crotalaria</i> sp., <i>Tephrosia longipes</i>	Zulu	1,1,5
velavhahleke	<i>Pyrenacantha grandiflora</i>	Zulu	8
vhulivhadza	<i>Lannea schweinfurthii</i> var <i>stuhlmannii</i>	Venda	5
vonkothsi	<i>Kigelia africana</i>	Swazi	5
vuka	<i>Commiphora harveyi</i> , <i>Xanthocercis zambesiaca</i> , <i>Ximenia caffra</i> , <i>Gymnosporia buxifolia</i>	Swazi	5, 5
vuma	<i>Turraea floribunda</i> , <i>Dolichos falciformis</i> , <i>Synaptolepis kirkii</i>	Zulu	5
vumalomhlope	<i>Synaptolepis kirkii</i>	Zulu	5
vumelwane	<i>Hypericum</i> spp.	Zulu	1
xiriri	<i>Maclura africana</i> , <i>Salacia kraussii</i>	Tsonga?	11,15
zema	<i>Coccinia</i> sp. <i>Gomphocarpus physocarpa</i>	Zulu	5
zibu	<i>Nymphaea nouchali</i> , <i>Nymphaea</i> spp.	Zulu	9,2
zibutha	<i>Asparagus asparagoides</i> , <i>Asparagus setaceus</i>	Zulu	5
zinyolemamba	<i>Clematis brachiata</i>	Zulu	5
zululwandle	<i>Protea</i> spp.	Swazi	5
zwele	<i>Pyrenacantha grandiflora</i>	Tsonga?	5

<sup>a</sup> Exotic species