

Annex 8: Ecological Findings along Transmission Line



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Ecological Findings along Transmission Line Corridor


JICA/ESIA Study for the Power Supply Component of the Mombasa SEZ Development Project
Pan-17-038

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Flora and Fauna along the Transmission Line (TL) Corridor


No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
Kilifi County								
1	Substation area in Mariakani – DK1	Mariakani	Mitangoni	<ul style="list-style-type: none"> Area is generally flat grassland with scanty vegetation. Small sized maize farms, most affected by fall army worm. Small water pans located near DK1 	<p>Flora</p> <p>a) Mwanga (Giriama) Madagascar Terminalia, Terminalia spirosa</p> <p>b) Mbono (Giriama) Castor Oil -Ricinus Communis</p> <p>c) Mkone (Giriama/Swahili) Grewia plagiophylla</p> <p>Fauna</p> <ul style="list-style-type: none"> African Grey Hornbill (Lophoceros nasutus) Pied Crow (Corvus albus) 	<p>Flora</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> Mwanga Tree <p>These taxon have not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> Castor Oil "Mbono" "Mkone" <p>Fauna</p> <ul style="list-style-type: none"> Status: Least Concern ver 3.1 Population trend: stable 	<p>a) Shade, Ornamental, Timber (Building and Furniture)</p> <p>b) Medicine</p> <p>c) Construction, medicine, fruit</p>	 <p>"Mwanga" Tree Madagascar Terminalia</p>
2	DK2-DK3	Mariakani	Mitangoni	<ul style="list-style-type: none"> Area is generally flat grassland with scanty vegetation. Small sized maize farms, most affected by fall army worm. 	<p>Flora</p> <p>a) Mkone (Giriama/Swahili) Grewia plagiophylla</p> <p>Fauna</p> <ul style="list-style-type: none"> African Grey Hornbill (Lophoceros nasutus) Pied Crow (Corvus albus) 	<p>Flora</p> <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> "Mkone" <p>Fauna</p> <ul style="list-style-type: none"> Status: Least Concern ver 3.1 Population trend: stable 	<p>a) Construction, medicine, fruit</p>	 <p>"Mkone" Tree</p>

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
3	DK3-DK4	Mariakani and Mwavyumbo	Mitagoni and Kalalani	<ul style="list-style-type: none"> Area is generally flat grassland with scanty vegetation. Small sized maize farms, most affected by fall army worm. Clusters of aloe vera species 	<p>Flora</p> <p>a) Mkwaju (Giriama) <i>Tamarind-Tamarindus Indica</i></p> <p>b) Muarubaini (Swahili/Digo) <i>Neem-Azadirachta indica</i></p> <p>c) Mwangi (Giriama) <i>Madagascar Terminalia</i>, <i>Terminalia spinosa</i></p> <p>d) Chigundigundi (Digo) Nile Thorn - <i>Acacia Nilotica</i></p> <p>e) Mkunazi (Swahili) <i>Jujube-Ziziphus mucronata</i></p> <p>f) Mkone (Giriama/Swahili) <i>Grewia plagiophylla</i></p> <p>g) Mbambakofi (Swahili/Digo) Mahogany bean-<i>Azela quanzensis</i></p> <p>h) Mkasorina (Swahili) <i>Casuarina equisetifolia</i></p> <p>i) Mbuyu (Swahili) <i>Baobab-Adansonia digitata</i></p> <p>j) Mgoza (Swahili) <i>African Star Chestnut - Sterculia africana</i></p> <p>k) Kikwata (Swahili/Digo) <i>Gum Acacia - Acacia Senegal</i></p>	<p>Flora</p> <p>Status: Least Concern ver 3.1 Population trend: stable</p> <ul style="list-style-type: none"> • "Mkuaju" Tamarind <p>Status: Least Concern ver 3.1 Population trend: decreasing</p> <ul style="list-style-type: none"> • "Muarubaini" Neem <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> • "Mwanga" Tree • Nile Thorn <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> • "Mkunazi" Jujube • "Mkone" • "Mbambakofi" • "Mkasorina" • "Mbuyu" Baobab • "Mgoza" Star Chestnut • "Kikwata" Gum Acacia 	<p>a) Edible fruit, firewood, poles charcoal, timber, furniture</p> <p>b) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>c) Shade, Ornamental, Timber (Building and Furniture)</p> <p>d) Firewood, charcoal, poles, medicine, fodder, live fence, dead fence and toothbrushes.</p> <p>e) Firewood, charcoal, timber, furniture, poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin.</p> <p>f) Construction, fruit, medicine</p> <p>g) Construction, medicine, shade</p> <p>h) Firewood, furniture, poles, fodder, shade, ornamental</p> <p>i) Edible fruit, fodder, medicine, ornamental (one of the "mbuyu" (baobab) trees located at chainage 17.2km is used as a Shrine at</p> <p>j) Timber, furniture, bee</p>	 <p>"Mbuyu" Baobab Tree used as Shrine</p>

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
4	DK4-DK5	Mwavumbo Mwatate Mtaa Kasemeni	Kalalani Mwatate Matumbi Bofu Mnyenzeni	<ul style="list-style-type: none"> Area is generally flat grassland with scanty vegetation. Small sized maize farms, most affected by fall army worm. Dry river valleys 	<p>Fauna</p> <ul style="list-style-type: none"> Rock Dove (<i>Columba livia</i>) Pied Crow (<i>Corvus albus</i>) <p>Flora</p> <ol style="list-style-type: none"> Mbuyu (Swahili) Baobab- Adansonia digitata Mkunazi (Swahili/Digo) Ziziphus mucronata Muarubaini (Swahili/Digo) Neem-Azadirachta indica Mkwaju (Giriama) Tamarind-Tamarindus Indica Mwembe (Swahili) Mangoes – Mangifera Indica Mwanga (Giriama) Madagascar Terminalia Munyumbu (Swahili) Lannea schweinfurthii Mnazi (Swahili, Giriama, Digo) Coconut Palm -Cocos Nucifera Mpera (Swahili) Guava - Psidium guajava Mkone (Giriama/Swahili) Grewia plagiophyll 	<p>Fauna Status: Least Concern ver 3.1 Population trend: decreasing</p> <p>Flora This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> “Mbuyu” Baobab “Mkunazi” “Munyumbu” “Mnazi” Coconut Palm “Mpera” Guava “Mkone” “Mgandi” Cape Fig <p>Status: Least Concern ver 3.1 Population trend: decreasing</p> <ul style="list-style-type: none"> “Muarubaini” Neem <p>Status: Least Concern ver 3.1 Population trend: stable</p> <ul style="list-style-type: none"> “Mkwaju” Tamarind <p>Status: Data Deficient ver 2.3 (needs updating)</p> <ul style="list-style-type: none"> “Mwembe” Mango <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p>	<p>forage, mats</p> <ol style="list-style-type: none"> Firewood, poles, medicine, fodder Edible fruit, fodder, medicine, ornamental Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin, Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making, Edible fruit, firewood, charcoal, timber, furniture, poles Fruit, juice, fodder, shade, ornamental, vet medicine Shade, Ornamental, Timber (Building and Furniture) Firewood, furniture, edible fruit, medicine, fodder, shade Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft Edible fruit, firewood, 	 <p>“Mgandi” (Cape Fig Tree) used as Shrine</p>

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>k) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i> l) Mgandi (Digo) Cape Fig - <i>Ficus sur</i> (F. capensis)</p> <p>Fauna</p> <ul style="list-style-type: none"> Rock Dove (<i>Columba livia</i>) Pied Crow (<i>Corvus albus</i>) 	<ul style="list-style-type: none"> "Mwanga" Tree Nile Thorn "Mkorosho" Cashew Nut <p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Pop. trend: decreasing for rock dove while stable for pied crow</p>	<p>j) medicine, fodder</p> <p>k) Construction, fruit, medicine</p> <p>l) Firewood, charcoal, edible nuts, livestock feed, medicine, shade</p> <p>l) Firewood, furniture, edible fruit, medicine, fodder, shade. One of the "mgandi" tree located at chainage 23.5km is used as a Shrine</p>	
5	DK5-DK6	Kasemeni	Munyenzeni	<ul style="list-style-type: none"> Area is slightly sloppy, comprises of dry river beds Grassland area with a height of more than 1 m Small sized maize farms, most affected by fall army worm. Scattered indigenous and commercial trees 	<p>Flora</p> <p>a) Mwembe (Swahili) Mango- <i>Mangifera indica</i></p> <p>b) Mnazi (Swahili) Coconut Palm - <i>Cocos nucifera</i></p> <p>c) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i></p> <p>d) Munyumbu (Swahili) <i>Lannea schweinfurthii</i></p> <p>e) Muarubaini (Swahili/Digo) Neem- <i>Azadirachta indica</i></p> <p>f) Mwanga (Girama) <i>Madagascar Terminalia</i></p> <p>g) Mbuyu (Swahili)</p>	<p>Flora</p> <p>Status: Data Deficient ver 2.3 (needs updating)</p> <ul style="list-style-type: none"> "Mwembe" Mango <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> "Mbuyu" Baobab "Munyumumbu" "Mnazi" Coconut Palm "Mukuyu Fig Tree" <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> "Mwanga" Tree "Mkorosho" Cashew Nut 	<p>a) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>b) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p> <p>c) Firewood, timber, furniture, edible nut, medicine, shade, ornamental</p> <p>d) Firewood, timber, furniture, medicine, fodder</p> <p>e) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>f) Shade, Ornamental, Timber (Building and</p>	 <p>"Mkorosho" Cashew Nut Tree</p>

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
6	DK6-DK7	Gandini	Gandini Lutsangani	<ul style="list-style-type: none"> Area is slightly sloppy, comprises of Kaya Gandini Forest Vegetation of various species. 	<p>h) Baobab- <i>Adansonia digitata</i></p> <p>h) Mukuyu (Swahili) <i>Fig Tree - Ficus sycamorus</i></p> <p>j) Mbonobono (Swahili) Indian Charcoal Tree - <i>Trema orientalis</i></p> <p>j) Muchinda nugu (Swahili) Mexican Weeping Pine - <i>Pinus patula</i></p> <p>Fauna</p> <ul style="list-style-type: none"> Rock Dove (<i>Columba livia</i>) Pied Crow (<i>Corvus albus</i>) 	<p>Status: Least Concern ver 3.1 Population trend: decreasing</p> <ul style="list-style-type: none"> “Muarubaini” Neem <p>Status: Least Concern ver 3.1 Population trend: unknown</p> <ul style="list-style-type: none"> “Mbonobono” Indian Charcoal Tree <p>Status: Least Concern ver 3.1 Population trend: stable</p> <ul style="list-style-type: none"> “Muchinda Nugu” Mexican Weeping Pine <p>Fauna</p> <p>Status: Least Concern ver 3.1 Pop. trend: decreasing for rock dove while stable for pied crow</p>	<p>Furniture)</p> <p>g) Edible fruit, fodder, medicine, ornamental</p> <p>h) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>i) Firewood, poles, shade, medicine, fodder</p> <p>j) Firewood, construction, posts, resin</p>	 <p>“Munyumbu” <i>Lannea schweinfurthii</i></p>
					<p>Flora</p> <p>a) Munyumbu (Swahili) <i>Lannea schweinfurthii</i></p> <p>b) Mkwaju (Giriama) <i>Tamarind-Tamarindus Indica</i></p> <p>c) Mpingo (Swahili/Digo) <i>African Blackwood - Dalbergia melanoxylon</i></p> <p>d) Mwembe (Swahili) <i>Mango- Mangifera Indica</i></p> <p>e) Mnazi (Swahili) <i>Coconut Palm - Cocos Nucifera</i></p>	<p>Flora</p> <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> “Munyumbu” “Mnazi” Coconut Palm “Kikwata” “Kimwea” “Mnafisi” “Ubani” Frankinsense “Mpeketo” “Mnyumbu” <p>Status: Least Concern ver 3.1</p>	<p>a) Firewood, furniture, edible fruit, medicine, fodder, shade</p> <p>b) Edible fruit, firewood, charcoal, timber, furniture, poles</p> <p>c) Firewood, construction, furniture, poles, medicine, fodder</p> <p>d) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>e) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching</p>	


No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>f) Muarubaini (Swahili/Digo) Neem- <i>Azadirachta indica</i></p> <p>g) Kikwata (Swahili/Digo) <i>Gum Arabic Acacia - Acacia senegal</i></p> <p>h) Kimwea (Kamba) <i>Mnafisi (Swahili)</i></p> <p>j) Ubani (Swahili) - Frankincense;</p> <p>k) Myombo (Swahili) - <i>Brachystegia</i></p> <p>l) Mkarakara (Swahili)</p> <p>m) Mkangu (Swahili) - Long-pod cassia</p> <p>n) Msufi(Swahili) – Kapok or Silk Cotton Tree</p> <p>o) Mpeketo (Swahili)</p> <p>p) Mkoma (Swahili)</p> <p>q) Mvule (Swahili)</p>	<p>Population trend: stable</p> <ul style="list-style-type: none"> • "Mkuaju" Tamarind • "Mkarakara" <p>Status: Lower Risk/near threatened ver 2.3 (needs updating)</p> <ul style="list-style-type: none"> • "Mpingo" African Blackwood • "Mwembe" Mango • "Mvule" <p>Status: Least Concern ver 3.1</p> <p>Pop. trend: decreasing for rock dove while stable for pied crow</p> <ul style="list-style-type: none"> • "Muarubaini" Neem Tree <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> • Willow warbler • "Myombo" Brachystegia • "Mkangu" – Kong Pod Cassia <p>Status: Least Concern ver 3.1</p> <p>Pop. trend: unknown.</p> <ul style="list-style-type: none"> • "Msufi" Kapok Tree • "Mkoma" Doum Palm 	<p>leaves and handicraft</p> <p>f) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>g) Firewood, poles, medicine, fodder</p> <p>h) Firewood, charcoal, medicine, fodder, shade</p> <p>i) Firewood, furniture, medicine, bee forage, shade, toothbrushes</p> <p>j) Firewood, furniture, drink (tea made from bark), medicine, fodder, resin (as wood preservative and incense), tannin, dye (bark), toothbrushes, insect repellent.</p> <p>k) Firewood, charcoal, timber, furniture, poles, medicine, fodder, shade, nitrogen-fixing, tannin.</p> <p>l) Firewood, charcoal, timber, poles, edible fruit, medicine bee forage, shade, mulch, red dye</p> <p>m) Firewood, timber, poles (construction), furniture, medicine, ornamental, tannin</p>	


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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>Fauna</p> <ul style="list-style-type: none"> • Rock Dove (<i>Columba livia</i>) • Pied Crow (<i>Corvus albus</i>) • Willow warbler (<i>Phylloscopus rochilus</i>) • Spotted Ground Thrush (<i>Geokichla guttata</i>) • Fischers Turaco (<i>Tauraco Fischeri</i>) • Sokoke Pipit (<i>Anthus sokokensis</i>) • Plain-backed Sunbird (<i>Antheptes reichenowii</i>) 	<p>Fauna Status: Endangered ver 3.1 Population trend: decreasing • Spotted Ground Thrush</p> <p>Status: Near Threatened ver 3.1 Population trend: decreasing • Fischer's Turaco</p> <p>Status: Endangered B1a ver 3.1 Pop. trend: decreasing • Sokoke Pipit</p> <p>Status: Near Threatened ver 3.1 Pop. trend: decreasing • Plain-backed Sunbird</p> <p>NB The above 4 birds that are either threatened or near threatened were not encountered during field work session but are being reported here since they have been recorded in the Important Bird Areas in Kenya Report by Leon Bennun and Peter Njoroge (1999)</p>	<p>n) Firewood, timber, edible fruit, medicine, fodder, bee forage, shade, ornamental, soil conservation, stuffing mattresses, oil.</p> <p>o) Firewood, poles, tool handles, edible fruit, medicine, fodder, shade, ornamental, soil conservation, dye.</p> <p>p) Firewood, timber, poles, posts, beehives (trunk), edible fruit, drink (palm wine from the stem, juice from young fruit), shade, baskets and mats, roofing (leaves), fishing rafts, carpets,</p> <p>q) Firewood, charcoal, timber, poles, furniture, tool handles, boat building, medicine, fodder, bee forage, shade, ornamental</p>	



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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
7	DK7-DK8	Gandini	Gandini Lutsangani	<ul style="list-style-type: none"> Area is slightly sloppy, comprises of dry river beds Grassland area with a height of more than 1 m Small sized maize farms, most affected by fall army worm. 	Flora a) Mtomoko (Swahili/Digo) Custard Apple - <i>Annona cherimola</i> b) Mukuyu (Swahili) Fig Tree - <i>Ficus sycomorus</i> c) Mhazi (Swahili) Coconut Palm - <i>Cocos Nucifera</i> d) Muarubaini (Swahili/Digo) Neem- <i>Azadirachta indica</i> e) Mwembe (Swahili) Mango- <i>Mangifera Indica</i> f) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i> g) Mbuyu (Swahili) Baobab- <i>Adansonia digitata</i> h) Mwanga (Giriama) <i>Madagascar Terminalia</i> , <i>Terminalia spinosa</i> i) Mtimbao (Swahili) Sydney Blue Gum - <i>Eucalyptus saligna</i> Fauna <ul style="list-style-type: none"> Rock Dove (Columbia 	Flora <i>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</i> <ul style="list-style-type: none"> "Mtomoko" Custard Apple "Mbuyu" Baobab "Mukuyu Fig Tree "Mhazi" Coconut Palm "Mtimbao" Sydney Blue Gum Status: Least Concern ver 3.1 Population trend: decreasing <ul style="list-style-type: none"> "Muarubaini" Neem Status: Data Deficient ver 2.3 (needs updating) <ul style="list-style-type: none"> "Mwembe" Mango <i>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</i> <ul style="list-style-type: none"> "Mwanga" Tree "Mkorosho" Cashew Nut Fauna Status: Least Concern ver 3.1 Pop. trend: decreasing for rock dove while stable for pied crow	a) Edible fruit b) Firewood, construction, furniture, medicine, fodder, shade, ornamental c) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft d) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making. e) Fruit, juice, fodder, shade, ornamental, vet medicine f) Firewood, timber, furniture, edible nut, medicine, shade, ornamental g) Edible fruit, fodder, medicine, ornamental h) Shade, Ornamental, Timber (Building and Furniture) i) Firewood, construction, furniture, poles, veneer, medicine, shade, windbreak	 <p>"Mhazi" Coconut Tree</p>

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>(Ivria)</p> <ul style="list-style-type: none"> • Pied Crow (Corvus albus) • Willow warbler (<i>Phylloscopus trochilus</i>) 	<p>Status: Least Concern ver 3.1 Population trend: decreasing <i>For willow warbler</i> Willow warbler Status: Least Concern ver 3.1 Pop. trend: decreasing</p>		
8	DK8-DK9	Mbunguni	Mbunguni	<ul style="list-style-type: none"> • Area is slightly sloppy, comprises of dry river beds and running river in a valley • Grassland area with a height of more than 1 m • Small sized maize farms, most affected by fall army worm. • Water tank and market centre 	<p>Flora</p> <p>a) Mbuyu (Swahili) Baobab- <i>Adansonia digitata</i></p> <p>b) Mwanga (Giriama) <i>Madagascar Terminalia</i> <i>Spinosa</i></p> <p>c) Mtomoko (Swahili/Digo) Custard Apple - <i>Annona cherimola</i></p> <p>d) Mukuyu (Swahili) Fig Tree - <i>Ficus</i> <i>sycomorus</i></p> <p>e) Mnazi (Swahili) <i>Coconut Palm - Cocos Nucifera</i></p> <p>f) Muarubaini (Swahili/Digo) Neem- <i>Azadirachta indica</i></p> <p>g) Mwembe (Swahili) <i>Mango- Mangifera Indica</i></p> <p>h) Mkunazi (Swahili/Digo) <i>Ziziphus mucronata</i></p> <p>i) Mkwaju (Giriama) <i>Tamarind-Tamarindus</i></p>	<p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> • "Mtomoko" Custard Apple • "Mbuyu" Baobab • "Mukuyu Fig Tree • "Mnazi" Coconut Palm • "Mkunazi" <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> • "Mwanga" Tree <p>Status: Least Concern ver 3.1 Population trend: decreasing • "Muarubaini" Neem</p> <p>Status: Data Deficient ver 2.3 (needs updating) • "Mwembe" Mango</p> <p>Status: Least Concern ver 3.1 Population trend: stable • "Mkwaju" Tamarind</p>	<p>a) Edible fruit, fodder, medicine, ornamental</p> <p>b) Shade, Ornamental, Timber (Building and Furniture)</p> <p>c) Edible fruit</p> <p>d) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>e) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p> <p>f) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making, Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>h) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>i) Edible fruit, firewood, charcoal, timber,</p>	 <p>"Muarubaini" Neem Tree</p>

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>Indica</p> <p>Fauna</p> <ul style="list-style-type: none"> • Rock Dove (<i>Columba livia</i>) • Pied Crow (<i>Corvus albus</i>) • Yellow throated long claw 	<p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Pop. trend: decreasing for rock dove while stable for pied crow</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <p>Yellow Throated Long Claw</p>	furniture, poles	
9	DK9-DK10	Ng'ombeni	Kiteje		<p>Flora</p> <p>a) Mnazi (Swahili) Coconut Palm - Cocos Nucifera</p> <p>b) Muarubaini (Swahili/Digo) Neem- Azadirachta indica</p> <p>c) Mwembe (Swahili) Mango- Mangifera Indica</p> <p>d) Mkunazi (Swahili/Digo) Ziziphus mucronata</p> <p>e) Mkwaju (Giriama) Tamarind-Tamarindus Indica</p> <p>f) Mbuyu (Swahili) Baobab- Adansonia digitata</p> <p>g) Mwanga (Giriama) Madagascar Terminalia, Terminalia Spinosa</p>	<p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> • "Mtomoko" Custard Apple • "Mbuyu" Baobab • "Mukuyu Fig Tree • "Mnazi" Coconut Palm • "Mkunazi" <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing</p> <ul style="list-style-type: none"> • "Muarubaini" Neem <p>Status: Data Deficient ver 2.3 (needs updating)</p> <ul style="list-style-type: none"> • "Mwembe" Mango <p>Status: Least Concern ver 3.1</p> <p>Population trend: stable</p> <ul style="list-style-type: none"> • "Mkwaju" Tamarind 	<p>a) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p> <p>b) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>c) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>d) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>e) Edible fruit, firewood, charcoal, timber, furniture, poles</p> <p>f) Edible fruit, fodder, medicine, ornamental</p> <p>g) Shade, Ornamental,</p>	 <p>"Mwembe" Mango Tree</p>


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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
10	DK10-K11	Ng'ombeni	Kiteje	<ul style="list-style-type: none"> Area with an undulating landscape, comprises of dry river beds and running river in a valley Small sized maize farms, most affected by fall army worm. 	<p>h) Mtomoko (Swahili/Digo) Custard Apple - <i>Annona cherimola</i></p> <p>i) Mukuyu (Swahili) Fig Tree - <i>Ficus sycamorus</i></p> <p>j) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i></p> <p>Fauna</p> <ul style="list-style-type: none"> Rock Dove (Columbia livia) Pied Crow (<i>Corvus albus</i>) African grey hornbill (<i>Lophoceros nasutus</i>) 	<p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the <u>Catalogue of Life</u>.</p> <ul style="list-style-type: none"> • "Mwanga" Tree • "Mkorosho" Cashew Nut <p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Pop. trend: decreasing for rock dove while stable for pied crow</p> <p>Status: Least Concern ver 3.1</p> <p>Population trend: stable for African Grey Hornbill</p>	<p>Timber (Building and Furniture)</p> <p>h) Edible fruit</p> <p>i) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>j) Firewood, timber, furniture, edible nut, medicine, shade, ornamental</p>	 <p>"Mkorosho" Cashew Nut Tree</p>
				<ul style="list-style-type: none"> Area with an undulating landscape, comprises of dry river beds and running river in a valley Small sized maize farms, most affected by fall army worm. 	<p>Flora</p> <p>a) Mwanga (Giriama) Madagascar <i>Terminalia, Terminalia spinosa</i></p> <p>b) Mtomoko (Swahili/Digo) Custard Apple - <i>Annona cherimola</i></p> <p>c) Mukuyu (Swahili) Fig Tree - <i>Ficus sycamorus</i></p> <p>d) Mkorosho (Swahili) Cashew Nut - <i>Anacardium</i></p>	<p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the <u>Catalogue of Life</u>.</p> <ul style="list-style-type: none"> • "Mwanga" Tree • "Mkorosho" Cashew Nut <p>This taxon has not yet been assessed for the IUCN Red List, but is in the <u>Catalogue of Life</u></p> <ul style="list-style-type: none"> • "Mtomoko" Custard Apple • "Mbuyu" Baobab • "Mukuyu Fig Tree 	<p>a) Shade, Ornamental, Timber, Furniture</p> <p>b) Edible fruit</p> <p>c) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>d) Firewood, timber, furniture, edible nut, medicine, shade, ornamental</p> <p>e) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p>	 <p>"Mkorosho" Cashew Nut Tree</p>


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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p><i>occidentale</i></p> <p>e) Mnazi (Swahili) Coconut Palm - Cocos Nucifera)</p> <p>f) Muarubaini (Swahili/Digo) Neem- Azadirachta indica</p> <p>g) Mwembe (Swahili) Mango- Mangifera Indica</p> <p>h) Mkunazi (Swahili/Digo) Ziziphus mucronata</p> <p>i) Mkwaju (Giriama) Tamarind-Tamarindus Indica</p> <p>j) Mbuyu (Swahili) Baobab- Adansonia digitata</p> <p>Fauna</p> <ul style="list-style-type: none"> • Rock Dove (Columba livia) • Pied Crow (Corvus albus) • Yellow throated long claw • African grey hornbill (Lophoceros nasutus) 	<ul style="list-style-type: none"> • "Mnazi" Coconut Palm • "Mkunazi" <p>Status: Least Concern <u>ver 3.1</u> Population trend: decreasing</p> <ul style="list-style-type: none"> • "Muarubaini" Neem <p>Status: Data Deficient <u>ver 2.3</u> (needs updating)</p> <ul style="list-style-type: none"> • "Mwembe" Mango <p>Status: Least Concern <u>ver 3.1</u> Population trend: stable</p> <ul style="list-style-type: none"> • "Mkwaju" Tamarind <p>Fauna</p> <p>Status: Least Concern <u>ver 3.1</u> Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <ul style="list-style-type: none"> • Yellow Throated Long Claw Bird 	<p>f) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>g) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>h) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>i) Edible fruit, firewood, charcoal, timber, furniture, poles</p> <p>j) Edible fruit, fodder, medicine, ornamental</p>	
11	DK11-K12	Ng'ombeni	Kiteje	<ul style="list-style-type: none"> • Area with an undulating landscape, 	<p>Flora</p> <p>a) Muarubaini (Swahili/Digo) Neem-</p>	<p>Flora</p> <p>Status: Least Concern <u>ver 3.1</u> Population trend: decreasing</p>	<p>a) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder,</p>	


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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
				comprises of dry river beds and running river in a valley <ul style="list-style-type: none"> Small sized maize farms, most affected by fall army worm. 	<p><i>Azadirachta indica</i></p> <p>b) Mwembe (Swahili) <i>Mango- Mangifera indica</i></p> <p>c) Mkunazi (Swahili/Digo) <i>Ziziphus mucronata</i></p> <p>d) Mkwaju (Giriama) <i>Tamarind-Tamarindus indica</i></p> <p>e) Mbuyu (Swahili) <i>Baobab- Adansonia digitata</i></p> <p>f) Mwanga (Giriama) <i>Madagascar Terminalia spinosa</i></p> <p>g) Mukuyu (Swahili) Fig Tree - Ficus sycamorus</p> <p>h) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i></p> <p>i) Mnazi (Swahili) <i>Coconut Palm - Cocos nucifera</i></p> <p>j) Mng'ongo (Swahili) <i>Marula - Sclerocarya birrea (S. caffra)</i></p> <p>Fauna</p> <ul style="list-style-type: none"> Rock Dove (<i>Columba livia</i>) Pied Crow (<i>Corvus</i>) 	<ul style="list-style-type: none"> "Muarubaini" Neem <p>Status: Data Deficient ver 2.3 (needs updating)</p> <ul style="list-style-type: none"> "Mwembe" Mango <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> "Mbuyu" Baobab "Mukuyu Fig Tree" "Mnazi" Coconut Palm "Mkunazi" "Mng'ongo" Marula <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> "Mwanga" Tree "Mkorosho" Cashew Nut <p>Status: Least Concern ver 3.1</p> <p>Population trend: stable</p> <ul style="list-style-type: none"> "Mkuaju" Tamarind <p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p>	<p>b) shade, soap making, fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>c) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>d) Edible fruit, firewood, charcoal, timber, furniture, poles</p> <p>e) Edible fruit, fodder, medicine, ornamental</p> <p>f) Shade, Ornamental, Timber (Building and Furniture)</p> <p>g) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>h) Firewood, timber, furniture, edible nut, medicine, shade, ornamental</p> <p>i) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p> <p>j) Firewood, timber, furniture, poles, edible fruit, medicine, fodder, dye</p>	 <p>"Muarubaini" Neem Tree</p>

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>albus)</p> <ul style="list-style-type: none"> Yellow throated long claw 	<p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <ul style="list-style-type: none"> Yellow Throated Long Claw Bird 		
12	DK12-K13	Ng'ombeni	Kiteje	<ul style="list-style-type: none"> Area with an undulating landscape, comprises of dry river beds and running river in a valley Small sized maize farms, most affected by fall army worm. 	<p>Flora</p> <p>a) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i></p> <p>b) Mnazi (Swahili) <i>Coconut Palm - Cocos Nucifera</i></p> <p>c) Mng'ongo (Swahili) <i>Marula - Sclerocarya birrea (S. caffra)</i></p> <p>d) Muarubaini (Swahili/Digo) <i>Neem-Azadirachta indica</i></p> <p>e) Mwembe (Swahili) <i>Mango- Mangifera Indica</i></p> <p>f) Mkunazi (Swahili/Digo) <i>Ziziphus mucronata</i></p> <p>g) Mkwaju (Giriama) <i>Tamarind-Tamarindus Indica</i></p> <p>h) Mbuyu (Swahili) <i>Baobab- Adansonia digitata</i></p> <p>i) Mwanga (Giriama) Madagascar <i>Terminalia, Terminalia</i></p>	<p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> "Mwanga" Tree "Mkorosho" Cashew Nut <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> "Mbuyu" Baobab "Mukuyu Fig Tree "Mnazi" Coconut Palm "Mkunazi" "Mng'ongo" Marula <p>Status: Least Concern ver 3.1 Population trend: decreasing</p> <ul style="list-style-type: none"> "Muarubaini" Neem <p>Status: Data Deficient ver 2.3 (needs updating) "Mwembe" Mango</p> <p>Status: Least Concern ver 3.1 Population trend: stable</p> <ul style="list-style-type: none"> "Mkwaju" Tamarind 	<p>a) Firewood, timber, furniture, edible nut, medicine, shade</p> <p>b) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p> <p>c) Firewood, timber, furniture, poles, edible fruit, medicine, fodder, dye</p> <p>d) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>e) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>f) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>g) Edible fruit, firewood, timber, furniture, poles</p> <p>h) Edible fruit, fodder, medicine,</p> <p>i) Shade, Ornamental,</p>	 <p>"Mng'ongo" Marula Tree</p>

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
13	DK13-K14	Mtongwe	Mtongwe	<ul style="list-style-type: none">Area comprises of very sloppy landscape and valleysSmall farms found in the areaVegetation from shrubs to various species of trees	<p><i>Spinosa</i></p> <p>j) Mukuyu (Swahili) Fig Tree - <i>Ficus sycamorus</i></p> <p>Fauna</p> <ul style="list-style-type: none">Rock Dove (<i>Columbia livia</i>)Pied Crow (<i>Corvus albus</i>)Yellow throated long clawAfrican grey hornbill (<i>Lophoceros nasutus</i>)	<p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <ul style="list-style-type: none">Yellow Throated Long Claw Bird	Timber (Building and Furniture)	
					<p>Flora</p> <p>a) Kikwata (Swahili/Digo) Gum Arabic <i>Acacia - Acacia senegal</i></p> <p>b) Muarubaini (Swahili/Digo) <i>Neem-Azadirachta indica</i></p> <p>c) Mukuyu (Swahili) Fig Tree - <i>Ficus sycamorus</i></p> <p>d) Mchu (Swahili) Mangrove - <i>Avicennia marina</i></p> <p>e) Mkoma (Swahili/Digo) - <i>Doum Palm -</i></p>	<p>a) Firewood, poles, medicine, fodder</p> <p>b) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>c) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>d) Firewood, poles, medicine, fodder, fish feed and breeding, erosion control</p> <p>e) Firewood, furniture</p>	<p>"Muarubaini" Neem Tree</p>	


No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p><i>Hyphaene compressa</i></p> <p>Fauna</p> <ul style="list-style-type: none"> • Rock Dove (<i>Columba livia</i>) • Pied Crow (<i>Corvus albus</i>) • Yellow throated long claw • African grey hornbill (<i>Lophoceros nasutus</i>) 	<ul style="list-style-type: none"> • "Mkoma" Doum Palm <p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <p>Yellow Throated Long Claw Bird</p>	<p>edible fruit; drink (pal wine), roofing, handicrafts</p>	
14	DK14-K15	Mtongwe	Mtongwe	<ul style="list-style-type: none"> • Area comprises of very sloppy landscape and valleys • Small farms found in the area • Vegetation from shrubs to various species of trees 	<p>Flora</p> <p>a) Mng'ongo (Swahili)</p> <p>Marula - Sclerocarya birrea (S. caffra)</p> <p>b) Mkorosho (Swahili)</p> <p>Cashew Nut - <i>Anacardium occidentale</i></p> <p>c) Mnazi (Swahili)</p> <p>Coconut Palm - <i>Cocos Nucifera</i></p> <p>d) Muarubaini (Swahili/Digo)</p> <p>Neem- <i>Azadirachta indica</i></p> <p>e) Mwembe (Swahili)</p> <p>Mango- <i>Mangifera indica</i></p> <p>f) Mkunazi (Swahili/Digo)</p> <p><i>Ziziphus mucronata</i></p>	<p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> • "Mbuyu" Baobab • "Mukuyu" Fig Tree • "Mnazi" Coconut Palm • "Mkunazi" • "Mng'ongo" Marula <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> • "Mwanga" Tree • "Mkorosho" Cashew Nut <p>Status: Least Concern ver 3.1</p>	<p>a) Firewood, timber, furniture, poles, edible fruit, medicine, fodder, dye</p> <p>b) Firewood, timber, furniture, edible nut, medicine, shade, ornamental</p> <p>c) Firewood, timber, poles, fruit, drink, edible oil, ornamental, thatching leaves and handicraft</p> <p>d) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>e) Fruit, juice, fodder, shade, ornamental, vet medicine</p>	 <p>"Mukuyu" Fig Tree</p>

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>g) Mkwaju (Giriama) <i>Tamarind-Tamarindus Indica</i></p> <p>h) Mbuyu (Swahili) <i>Baobab- Adansonia digitata</i></p> <p>i) Mwanga (Giriama) <i>Madagascar Terminalia, Terminalia Spinosa</i></p> <p>j) Mukuyu (Swahili) Fig Tree - Ficus sycomorus</p>	<p>Population trend: decreasing</p> <ul style="list-style-type: none">• “Muarubaini” Neem <p>Status: Data Deficient ver 2.3 (needs updating)</p> <ul style="list-style-type: none">• “Mwembe” Mango <p>Status: Least Concern ver 3.1</p> <p>Population trend: stable</p> <ul style="list-style-type: none">• “Mkuaju” Tamarind	<p>f) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>g) Edible fruit, firewood, charcoal, timber, furniture, poles</p> <p>h) Edible fruit, fodder, medicine, ornamental</p> <p>i) Shade, Ornamental, Timber (Building and Furniture)</p> <p>j) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p>	
15	DK15-K16	Mtongwe	Mtongwe	<ul style="list-style-type: none">• Area comprises of very sloppy landscape and valleys• Small farms	<p>Flora</p> <p>a) Mbuyu (Swahili) <i>Baobab- Adansonia digitata</i></p> <p>b) Mng'ongo (Swahili)</p>	<p>Fauna</p> <ul style="list-style-type: none">• Rock Dove (<i>Columbia livia</i>)• Pied Crow (<i>Corvus albus</i>)• Yellow throated long claw• African grey hornbill (<i>Lophoceros nasutus</i>) <p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <p>Yellow Throated Long Claw Bird</p>	<p>a) Edible fruit, fodder, medicine, ornamental</p> <p>b) Firewood, timber, furniture, poles, edible fruit, medicine, fodder</p>	

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
				<p>found in the area</p> <ul style="list-style-type: none"> Vegetation from shrubs to various species of trees 	<p>Marula - <i>Sclerocarya birrea</i> (S. caffra)</p> <p>c) Muarubaini (Swahili/Digo) Neem-<i>Azadirachta indica</i></p> <p>d) Mwembe (Swahili) <i>Mango- Mangifera indica</i></p> <p>e) Mkorosho (Swahili) Cashew Nut - <i>Anacardium occidentale</i></p> <p>f) Mkone (Giriama/Swahili) <i>Grewia plagiophylla</i></p> <p>g) Mkunazi (Swahili/Digo) <i>Ziziphus mucronata</i></p> <p>h) Mfudu (Swahili/Digo) <i>Black Plum - Vitex payos</i></p> <p>Fauna</p> <ul style="list-style-type: none"> Rock Dove (<i>Columba livia</i>) Pied Crow (<i>Corvus albus</i>) Yellow throated long claw African grey hornbill (<i>Lophoceros nasutus</i>) 	<ul style="list-style-type: none"> "Mbuyu" Baobab "Mukuyu Fig Tree "Mnazi" Coconut Palm "Mkunazi" "Mng'ongo" Marula "Mkone" <p>Status: Least Concern <u>ver 3.1</u></p> <p>Population trend: decreasing</p> <ul style="list-style-type: none"> "Muarubaini" Neem <p>Status: Data Deficient <u>ver 2.3</u> (needs updating)</p> <p>"Mwembe" Mango</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the <i>Catalogue of Life</i>.</p> <ul style="list-style-type: none"> "Mwanga" Tree "Mkorosho" Cashew Nut <p>Status: Least Concern <u>ver 3.1</u></p> <p>Population trend: unknown</p> <ul style="list-style-type: none"> "Mfudu" Black Plum <p>Fauna</p> <p>Status: Least Concern <u>ver 3.1</u></p> <p>Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been</p>	<p>dye</p> <p>c) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making.</p> <p>d) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>e) Firewood, timber, furniture, edible nut, medicine, shade, ornamental</p> <p>f) Construction, edible fruit, medicine</p> <p>g) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin,</p> <p>h) Firewood, poles, , edible fruit, shade, ornamental</p>	 <p>"Mn'ongo" Marula</p>


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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
16	DK16-K17	Mtongwe	Mtongwe	<ul style="list-style-type: none"> Area comprises of very sloppy landscape and valleys Small farms found in the area Vegetation from shrubs to various species of trees 	Flora a) Mkunazi (Swahili/Digo) <i>Ziziphus mucronata</i> b) Kikwata (Swahili/Digo) <i>Gum Arabic Acacia - Acacia senegal</i> c) Mwembe (Swahili) <i>Mango- Mangifera Indica</i> d) Mkoma (Swahili/Digo) – <i>Doum Palm - Hyphaene compressa</i> e) Mbuyu (Swahili) <i>Baobab- Adansonia digitata</i> f) Muarubaini (Swahili/Digo) <i>Neem- Azadirachta indica</i> g) Mkorosho (Swahili) <i>Cashew Nut - Anacardium occidentale</i> h) Mkwaju (Giriama) <i>Tamarind-Tamarindus Indica</i> i) Ming'ongo (Swahili) <i>Marula - Sclerocarya birrea (S. caffra)</i>	<p>assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <p>Yellow Throated Long Claw Bird</p> <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> • “Kikwata” Gum Arabic • “Mbuyu” Baobab • “Mkunazi” • “Mng’ongo” Marula <p>Status: Data Deficient ver 2.3 (needs updating)</p> <p>“Mwembe” Mango</p> <p>Status: Least Concern ver 3.1</p> <p>Population trend: unknown</p> <ul style="list-style-type: none"> • “Mkoma” Doum Palm <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing</p> <ul style="list-style-type: none"> • “Muarubaini” Neem <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none"> • “Mkorosho” Cashew Nut 	a) Firewood, charcoal, timber, furniture, poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin, b) Firewood, poles, medicine, fodder c) Fruit, juice, fodder, shade, ornamental, vet medicine d) Firewood, furniture, edible fruit, drink (pal wine), roofing, handicrafts e) Edible fruit, fodder, medicine, ornamental f) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making g) Firewood, timber, furniture, edible nut, medicine, shade, ornamental h) Edible fruit, firewood, poles charcoal, timber, furniture, pole i) Firewood, timber,	 <p>“Mkoma” Doum Palm</p>

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					Fauna <ul style="list-style-type: none">• Rock Dove (<i>Columbia livia</i>)• Pied Crow (<i>Corvus albus</i>)• Yellow throated long claw	Status: <i>Least Concern ver 3.1</i> Population trend: <i>stable</i> <ul style="list-style-type: none">• "Mkuaju" Tamarind Fauna Status: <i>Least Concern ver 3.1</i> Population trend: <i>decreasing for rock dove while stable for pied crow.</i> <i>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</i> Yellow Throated Long Claw Bird	furniture, poles, edible fruit, medicine, fodder, dye	
17	DK17-K18	Mtongwe	Mtongwe	<ul style="list-style-type: none">• Area comprises of very sloppy landscape and valleys• Small farms found in the area• Vegetation from shrubs to various species of trees	Flora <ul style="list-style-type: none">a) Mnyumbu (Swahili/Digo) - <i>Lannea schweinfurthii</i>b) Mbambakofi (Swahili/Digo) <i>Mahogany Bean - A'zelia quanzensis</i>c) Muarubaini (Swahili/Digo) <i>Neem-Azadirachta indica</i>d) Mwembe (Swahili) <i>Mango- Mangifera Indica</i>e) Mkwaju (Giriama) <i>Tamarind-Tamarindus Indica</i>f) Mkorosho (Swahili)	Flora <i>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</i> <ul style="list-style-type: none">• "Mkunazi"• "Mnyumbu"• "Mbambakofi"• "Mtomoko" Custard Apple• "Mukuyu" Fig Tree• "Mbambara" Status: <i>Least Concern ver 3.1</i> Population trend: <i>decreasing</i> <ul style="list-style-type: none">• "Muarubaini" Neem Status: <i>Data Deficient ver 2.3 (needs updating)</i>	a) Furniture, medicine, fodder, live fence b) Timber, poles, furniture, medicine necklaces c) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making d) Fruit, juice, fodder, shade, ornamental, vet medicine e) Edible fruit, firewood, pole charcoal, timber, furniture f) Firewood, timber, furniture, edible nut, medicine, shade, g) Edible fruit	 "Mbambakofi" Mahogany Bean Tree

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo	
18	DK18-K19	Mtongwe	Mtongwe	<ul style="list-style-type: none">Area comprises of very sloppy landscape and valleysSmall farms found in the area	<p>Cashew Nut - <i>Anacardium occidentale</i></p> <p>g) Mtomoko (Swahili/Digo) Custard Apple - <i>Annona cherimola</i></p> <p>h) Mkunazi (Swahili/Digo) <i>Ziziphus mucronata</i></p> <p>i) Mukuyu (Swahili) Fig Tree - <i>Ficus sycamorus</i></p> <p>j) Mwanga (Giriama) <i>Madagascar Terminalia</i></p> <p>k) Mbambara (Swahili) <i>Commiphora Africana</i></p> <p>Fauna</p> <ul style="list-style-type: none">Rock Dove (<i>Columbia livia</i>)Pied Crow (<i>Corvus albus</i>)Yellow throated long clawAfrican grey hornbill (<i>Lophoceros nasutus</i>) <p>Flora</p> <p>a) Mng'ongo (Swahili) <i>Marula - Sclerocarya birrea</i> (<i>S. caffra</i>)</p> <p>b) Mbuyu (Swahili) <i>Baobab- Adansonia digitata</i></p>	<p>"Mwembe" Mango</p> <p>Status: Least Concern ver 3.1 Population trend: stable</p> <ul style="list-style-type: none">"Mkuaju" Tamarind <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life.</p> <ul style="list-style-type: none">"Mkorosho" Cashew Nut"Mwanga" Tree <p>Fauna</p> <p>Status: Least Concern ver 3.1 Population trend: decreasing for rock dove while stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <p>Yellow Throated Long Claw Bird</p> <p>Flora</p> <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none">"Kikwata" Gum Arabic Acacia	<p>h) Firewood, charcoal, timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin</p> <p>i) Firewood, construction, furniture, medicine, fodder, shade, ornamental</p> <p>j) Shade, Ornamental, Timber (Building and Furniture</p> <p>k) Firewood, carvings, furniture, edible fruit, , fodder, medicine, insecticide</p>	<p>a) Firewood, timber, furniture, poles, edible fruit, medicine, fodder, dye</p> <p>b) Edible fruit, fodder, medicine, ornamental</p> <p>c) Firewood, charcoal,</p>	

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No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
				<ul style="list-style-type: none"> Vegetation from shrubs to various species of trees 	<p>c) Mkunazi (Swahili/Digo) Ziziphus mucronata</p> <p>d) Mkwaju (Girama) Tamarind-Tamarindus indica</p> <p>e) Mchani Ndovu (Swahili/Digo) Albizia glaberrima</p> <p>f) Muarubaini (Swahili/Digo) Neem-Azadirachta indica</p> <p>g) Kikwata (Swahili/Digo) Gum Acacia - Acacia senegal</p>	<ul style="list-style-type: none"> "Mbuyu" Baobab "Mkunazi" "Ming'ongo" Marula "Mchani Ndovu" <p>Status: Least Concern ver 3.1</p> <p>Population trend: stable</p> <ul style="list-style-type: none"> "Mkuaju" Tamarind <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing</p> <ul style="list-style-type: none"> "Muarubaini" Neem 	<p>timber, furniture), poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin</p> <p>d) Edible fruit, firewood, pole charcoal, timber, furniture,</p> <p>e) Firewood, charcoal, timber, fodder (leaves), shade, nitrogen-fixing,</p> <p>f) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making</p> <p>g) Firewood, poles, medicine, fodder</p>	 <p>"Mkuaju" Tamarind</p>
					<p>Fauna</p> <ul style="list-style-type: none"> African grey hornbill (Lophoceros nasutus) Pied Crow (Corvus albus) Speckled Mousebird (Colius Striatus) Red-billed hornbill (Tockus erythrorhynchus) Black-eyed (common) bulbul (Pycnonotus barbatus) Black headed weaver (Ploceus Cucullatus) 	<p>Fauna</p> <p>Status: Least Concern ver 3.1</p> <p>stable for pied crow, African Grey Hornbill, Red billed hornbill and Black headed weaver</p> <p>Status: Least Concern ver 3.1</p> <p>Pop. trend: increasing for Speckled mousebird and Black-eyed (common) bulbul</p>		

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
19	DK19-Sub station	Mtongwe	Mtongwe	<ul style="list-style-type: none"> Area comprises of very sloppy landscape and valleys Small farms found in the area Vegetation from shrubs to various species of trees 	<p>Flora</p> <p>a) Mukuyu (Swahili) Fig Tree - Ficus sycamorus</p> <p>b) Mng'ongo (Swahili) Marula - Sclerocarya birrea (S. caffra)</p> <p>c) Muarubaini (Swahili/Digo) Neem-Azadirachta indica</p> <p>d) Mbambakofi (Swahili/Digo) Mahogany Bean - A'zelia quanzensis</p> <p>e) Mbuyu (Swahili) Baobab-Adansonia digitata</p> <p>f) Mkwaju (Girama) Tamarind-Tamarindus Indica</p> <p>g) Mwembe (Swahili) Mango- Mangifera Indica</p> <p>h) Mkunazi (Swahili/Digo) Ziziphus mucronata</p> <p>i) Mtomoko (Swahili/Digo) Custard Apple - Annona cherimola</p> <p>j) Mkoma (Swahili/Digo) - Doum Palm - Hyphaene compressa</p>	<p>Flora</p> <p>This taxon has not yet been assessed for the IUCN Red List, but is in the Catalogue of Life</p> <ul style="list-style-type: none"> "Mukuyu" Fig Tree "Mng'ongo" Marula "Mbambakofi" "Mbuyu" Baobab "Mkunazi" "Mtomoko" Custard Apple <p>Status: Least Concern ver 3.1</p> <p>Population trend: decreasing</p> <ul style="list-style-type: none"> "Muarubaini" Neem <p>Status: Least Concern ver 3.1</p> <p>Population trend: stable</p> <ul style="list-style-type: none"> "Mkwaju" Tamarind <p>Status: Data Deficient ver 2.3 (needs updating)</p> <ul style="list-style-type: none"> "Mwembe" Mango <p>Status: Least Concern ver 3.1</p> <p>Population trend: unknown</p> <ul style="list-style-type: none"> "Mkoma" Doum Palm 	<p>a) Firewood, construction, shade furniture, medicine, fodder,</p> <p>b) Firewood, timber, furniture, poles, edible fruit, medicine, fodder, dye</p> <p>c) Medicine, firewood, fruit charcoal, furniture, poles, fruit, fodder, shade, soap making</p> <p>d) Timber, poles, furniture, medicine necklaces</p> <p>e) Edible fruit, firewood, charcoal, timber, furniture, pole</p> <p>f) Edible fruit, fodder, medicine</p> <p>g) Fruit, juice, fodder, shade, ornamental, vet medicine</p> <p>h) Firewood, charcoal, timber, furniture, poles, edible fruit, medicine, fodder, bee forage, dye shade, tannin</p> <p>i) Edible fruit</p> <p>j) Firewood, furniture, edible fruit, drink (pal wine), roofing, handicrafts</p>	 <p>Muarubaini) "Nee Tree</p>

No.	The TL Areas	Location	Sub-Location	Field Ecological Observations	Local and Scientific Name of Tree	IUCN and Kenya Listing	Uses	Photo
					<p>Fauna</p> <ul style="list-style-type: none"> • African grey hornbill (<i>Lophoceros nasutus</i>) • Pied Crow (<i>Corvus albus</i>) • Malachite sunbird (<i>Nectarinia famosa</i>) 	<p>Fauna</p> <p>Status: Least Concern ver 3.1 stable for pied crow and African Grey Hornbill.</p> <p>This taxon has not yet been assessed for the IUCN Red List, and also is not in the Catalogue of Life</p> <p>Malachite sunbird</p>		