



Friends of Arabuko-Sokoke Forest (FoASF)

Monthly Report

July 2019



Annie Mather



Data collection

Summary table of observation

Human activity	Firewood	Cut Stems	Beam/Plank	Charcoal	Fito/withies	Poles	Carving
Count observation	2	18	0	1	1	5	1
Human activity	Weapons	Traps and snares	Cutting tools	Wildlife	Rain		
Count observation	1	352	2	25	4		

Patrol performance summary table

Team Blue

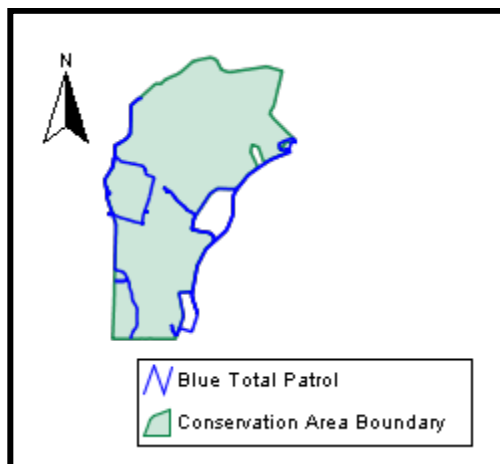
Transport type	No. of patrols	Distance (km)	Distance (km) per no. of patrols	No. of patrol hours
Foot	10.00	38.02	3.80	12.47
Motorbike	10.00	76.22	7.62	8.18
Tractor	3.00	33.62	11.21	3.74
Vehicle	2.00	66.63	33.31	2.03

Team Red

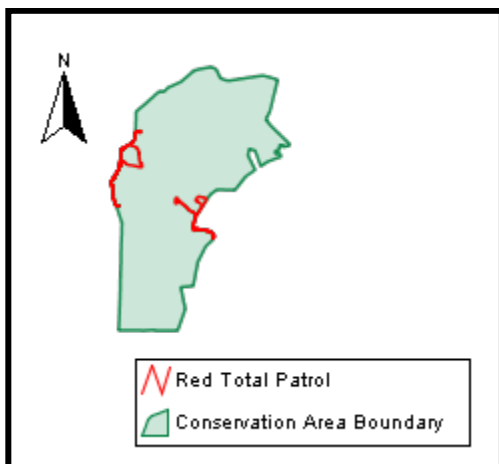
Transport type	No. of patrols	Distance (km)	Distance (km) per no. of patrols	No. of patrol hours
Foot	6.00	69.78	11.63	21.40
Motorbike	5.00	37.26	7.45	2.81
Tractor	0.00	0.00	0.00	0.00
Vehicle	0.00	0.00	0.00	0.00

Team Blue and Red together

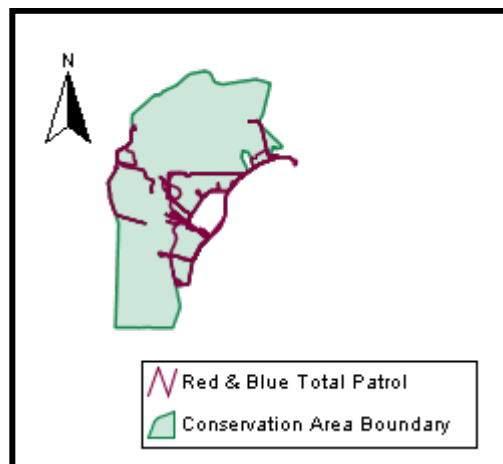
Transport type	No. of patrols	Distance (km)	Distance (km) per no. of patrols	No. of patrol hours
Foot	20.00	149.96	7.50	51.77
Motorbike	21.00	201.43	9.59	18.34
Tractor	2.00	13.89	6.95	3.47
Vehicle	12.00	170.16	14.18	14.01



Team Blue tracks



Team Red tracks



Team Red and Blue tracks combined

Scout team patrol comparison table

Team	Distance (km)	No. of patrols	No. of days
Blue Team	214.48	25.00	25.00
Red Team	107.04	11.00	11.00
Team Red & Blue	535.44	55.00	55.00

Team patrol mandate

Mandate type	No. of patrols	No. of days	Distance (km)	Person - field hours
Ambush	0.00	0.00	0.00	0.00
De-Snaring	2.00	2.00	24.35	6.51
Monitoring	86.00	86.00	809.99	680.92
Road Clearing	3.00	3.00	22.62	50.64

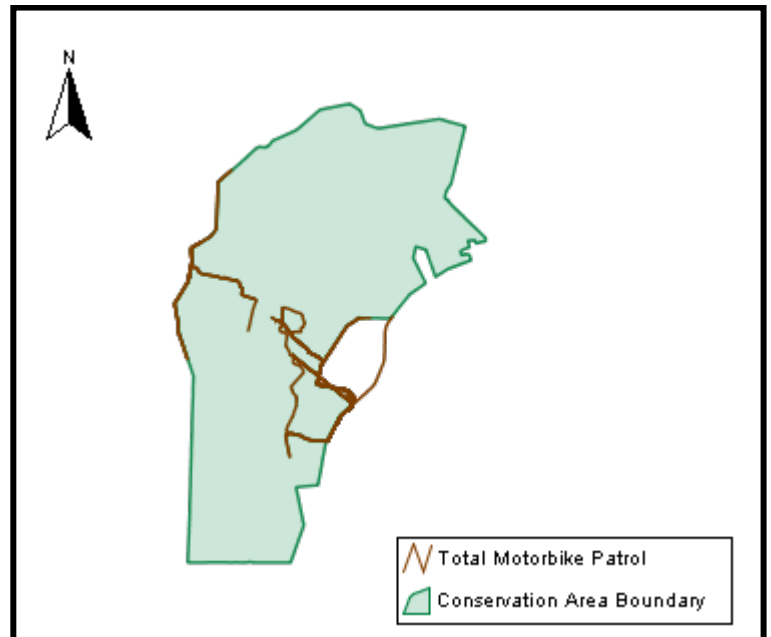
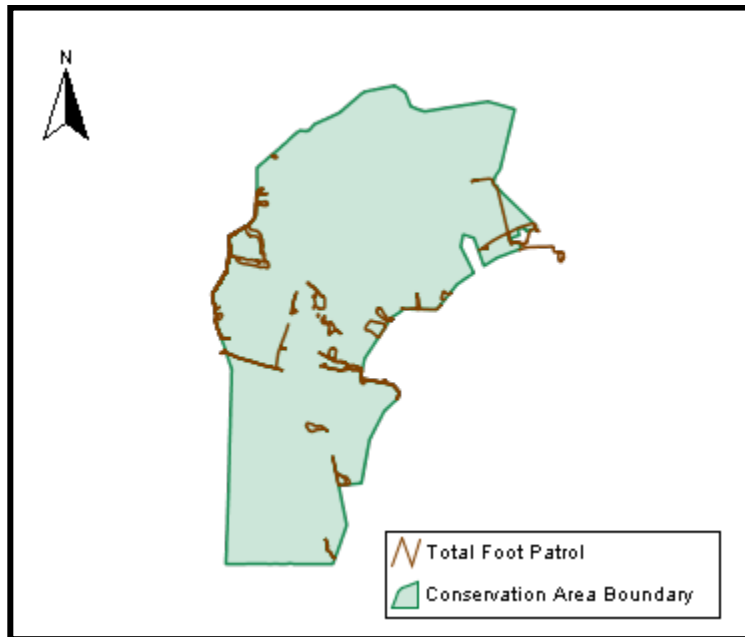
Areas covered

Location	No. of patrols
Arabuko swamp	3
Chumani	4
Dida	10
Elephant track	1
Gede	2
Girimacha	3
Jilore	3
Kaembeni	4
Kahingoni	7
Kararacha	10
Komani	3
Mabuani	1
Malanga	5
Matsangoni	3
Matsanjeni	3
Mgurureni	3
Mida	3
Mida (Jamii villa)	2
Mkongani	19
Mugurureni	2
Mwambani	6
Nature reserve	2
Nyari	24
Soko	5

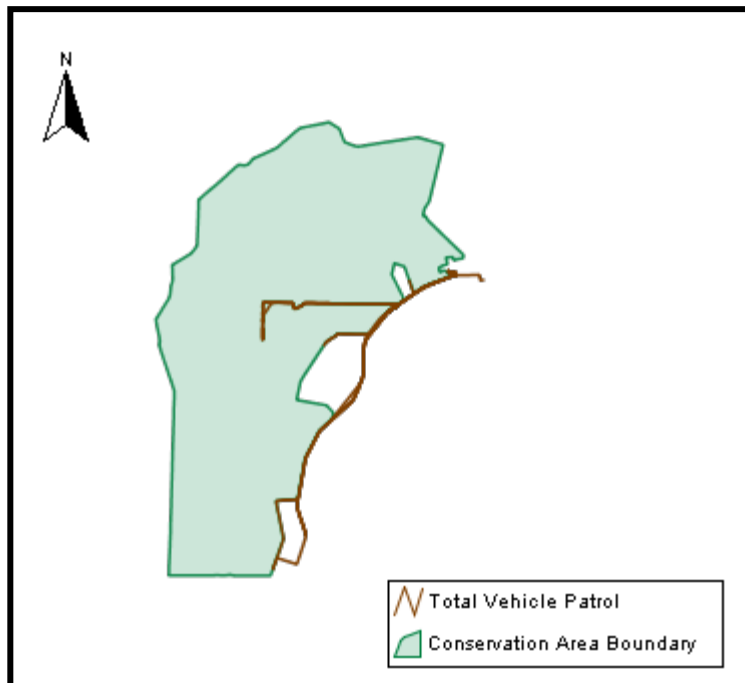
KFS and KWS ranger's present

Date	No. of rangers
2019-07-01	3
2019-07-02	3
2019-07-03	0
2019-07-04	1
2019-07-05	2
2019-07-06	2
2019-07-07	1
2019-07-08	4
2019-07-09	4
2019-07-10	1
2019-07-11	3
2019-07-12	7
2019-07-13	0
2019-07-14	1
2019-07-15	3
2019-07-16	3
2019-07-17	1
2019-07-18	4
2019-07-19	3
2019-07-20	2
2019-07-21	1
2019-07-22	4
2019-07-23	6
2019-07-24	4
2019-07-25	1
2019-07-26	0
2019-07-27	0
2019-07-28	0
2019-07-29	3
2019-07-30	2
2019-07-31	1

Patrol transport types

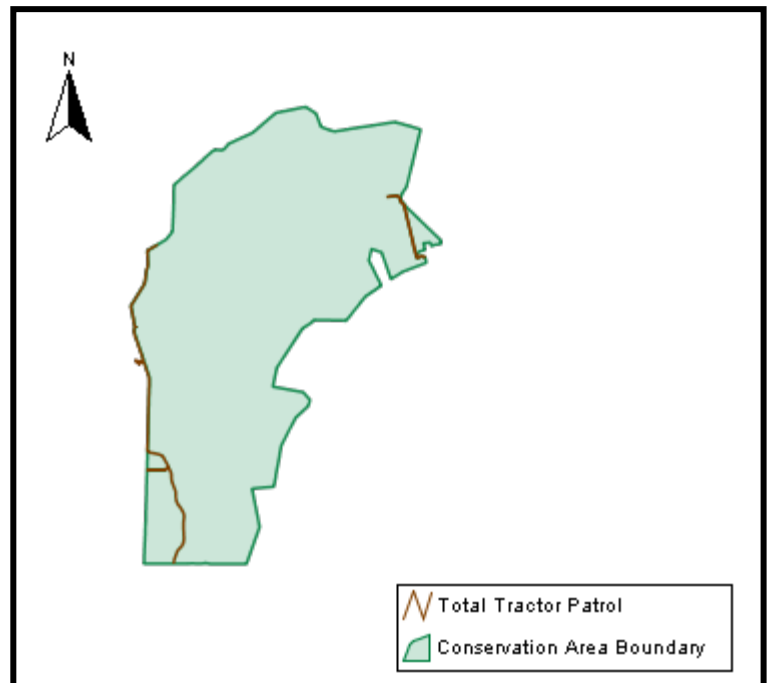


Foot patrols



Vehicle patrols

Motorbike patrols

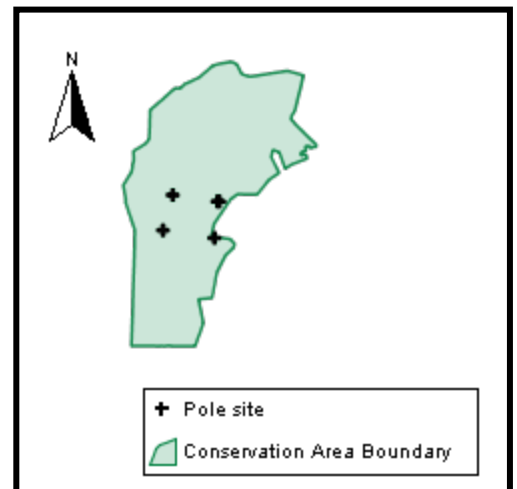
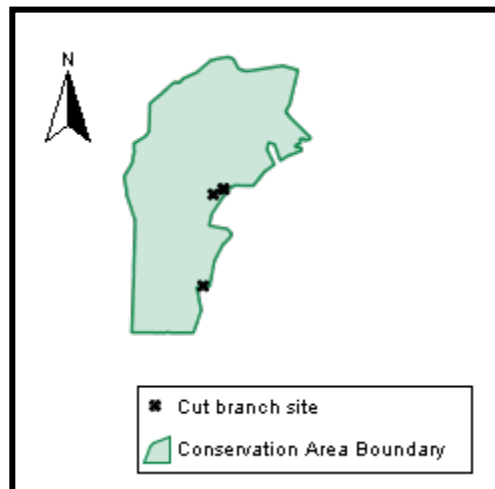
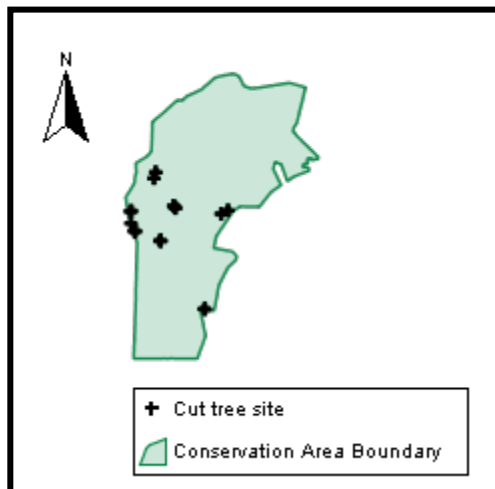


Tractor patrols

Illegal activities

Cut trees and branches

24 cut trees and 6 cut branches were recorded and a total of 18 poles were collected.



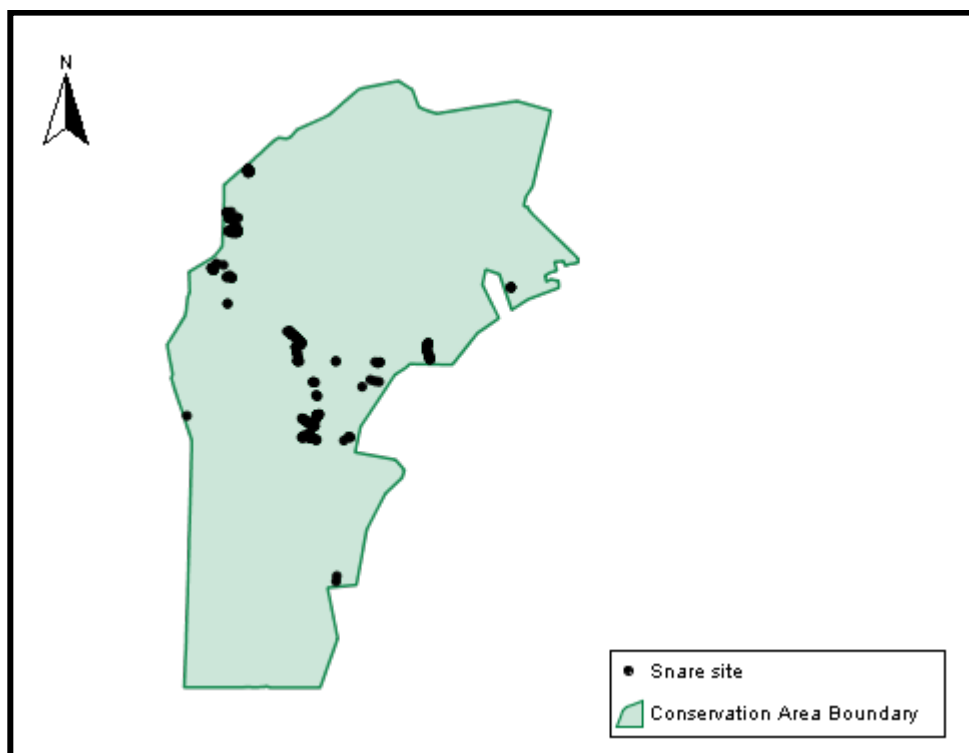
Firewood, timber (planks/beams), logs, fito/withies (small poles), charcoal and carving

Human Activity	No. of Bags	No. of Bundles	No. of Logs	No. of kilns	No. of Fitoes	No. of Planks	Count Observations
Carving							1
Charcoal	0		177	1			1
Timber							0
Firewood		1					2
Fito/withies					2		1
Planks						0	0

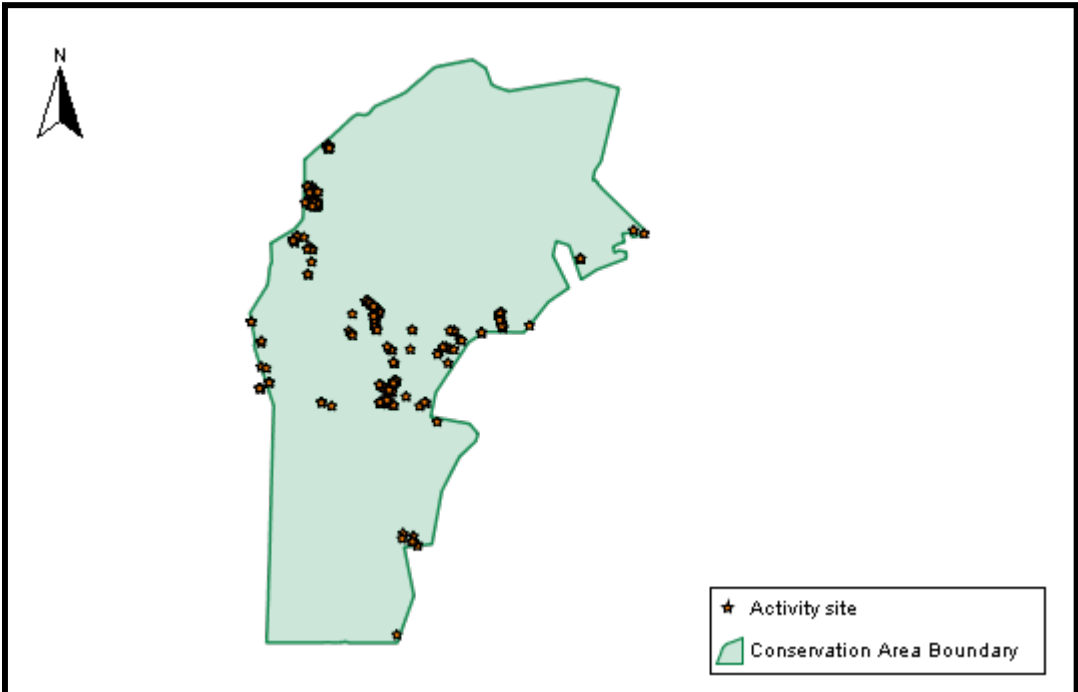


Traps and snares

A total of 574 snares were removed from the forest in July. The FoASF scouts spent a large part of the month patrolling in the Malanga area of the forest, a known hotspot area for illegal snaring of animals.



Illegal activity hotspots

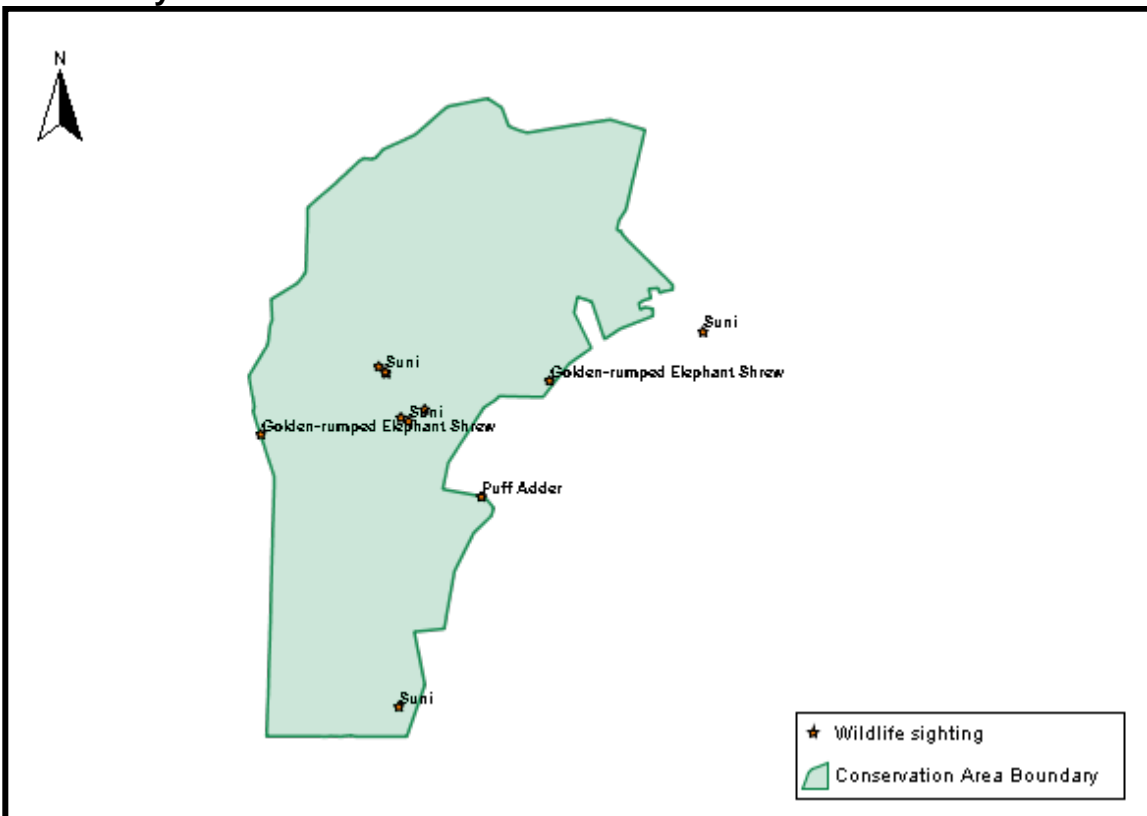


Arrests

Arrested for	No. of arrested	No. of People	Average person's age	No. of male
Hunting	1.00	1	36.00	1



Wildlife activity



Wildlife signs (including tracks, dung and pathways)



Recent news

Arabuko-Sokoke Forest Adjacent Dwellers Association (ASFADA) Participatory Forest Management (PFM) Meeting

On Wednesday 10 July a meeting was held to discuss PFM in Kenya and more specifically in the Arabuko-Sokoke Forest. The event was funded by Nature Kenya and hosted at the Jamii Villas; a community owned tourist facility managed by the umbrella organisation of ASFADA.

In attendance was Nature Kenya; Kenya Forest Service (KFS); Kenya Wildlife Service (KWS); Kenya Forestry Research Institute (KEFRI); County Government of Kilifi; National Museums Kenya; Kipepeo project manager; A.Rocha Kenya; the three Community Forest Associations (CFA's), Jilore, Gede and Sokoke; and Friends of Arabuko-Sokoke Forest (FoASF).

The meeting covered a vast number of topics including:

- The progress of PFM in Kenya
- PFM governance model for the ASF
- Roles of income generating activities in forest conservation such as butterfly farming, bee keeping, tree nurseries etc.
- Coordination of PFM efforts in the ASF
- Role of partners in forest conservation
- Long term financing for PFM in ASF
- How to improve coordination and communication in order to reduce conflicts
- Reporting forest conservation activities
- Looking to the future and recommendations for achieving successful PFM in ASF



Special speakers included; Dr Ian Gordon, past project coordinator for the Arabuko-Sokoke Forest; senior advisor to BirdLife International and the current chairman for Nature Kenya and Mr Mbuvi Musingo, former principal research officer at KEFRI.

Thanks also to Nature Kenya and we look forward to playing an important role in the future development of the PFM in the ASF.



Education project

School visits into the forest using funding from the Kilifi Gold Triathlon in 2018 restarted. Six groups including two from the Kakayuni special school, two from the Gede special school (all with special needs) and two from the Mida primary school have come into the forest in July. A total of 1320 children have attended from 36 schools.

The schools arrive at the KWS Education Centre at Gede, where they were shown the short film created in 2018 by FoASF, followed by a talk by the KWS education officer Madam Jamila. The talk gives background to the forest, when it was first protected and how important its location is on the Kenyan coast. Topics covered included the ecology of the forest; the importance of managing the Arabuko-Sokoke Forest sustainably to maintain the various ecosystem service benefits; the pressures and challenges faced and how the management teams and stakeholders apply different methods to reduce the pressures through environmental education, patrols and eco-tourism projects.



The children are given biscuits, a banana and some water before being driven to the nature trail where they are given a game called 'Forest Bingo'; a sheet with nine key species that they are likely to encounter in the forest such as the elephant shrew and cycad. This game encourages the children to engage with the forest more closely.

All those that attend have been asked to participate in a competition for the best drawing or essay, with a prize to the student and a certificate to the school and teacher. The winner will be announced at the end of the project.

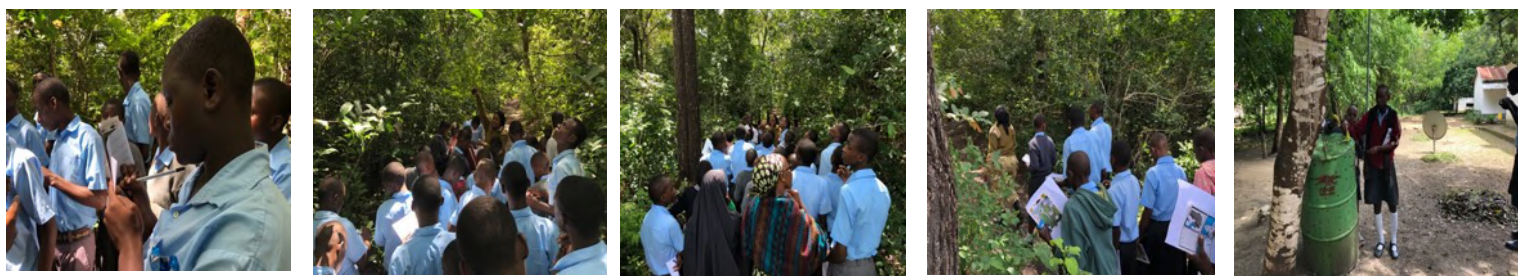


Arabuko Sokoke Forest Bingo
What can you see?

Bamba Kofi 	Bushman's Toilet Paper 	Buffalo Spider 
Golden Banded Forester 	Cycad Plant 	Mocker Swallowtail 
Weaver Bird 	Ant Lion 	Sunbird 

**EXTRA: Elephant Shrew
Ader's Duiker**

Use your senses: What can you see, smell and hear?



To view a short film compiled of the school trips so far, please use the following link:
<https://www.youtube.com/watch?v=7OpXcVF48W8>.

Funding

In July African Fund for Endangered Wildlife (AFEW) donated funds to:

- 1) Purchase a vehicle with fittings for the FoASF scouts to patrol the forest daily. The procurement process for the vehicle is underway.
- 2) To renovate the Malanga and Kakuyuni outposts. KFS has started to recruit a workforce from the local communities around the forest to do this. Building work will commence in August.
- 3) To create literature for tourists visiting the forest, including a map and leaflet. Both are in their final stages of design and will soon be printed and distributed.

A large print out of the road map and illustrated map of the forest has already been handed to the Kenya Forest Service and guides for use at the Gede entrance. FoASF would like to thank 4Shore and especially David Hanegraaf, for their incredible work designing both the maps and leaflet.

In July a woman from the Malanga area lost her young child and house to a fire. FoASF donated 10,000/- Ksh in support.



Friends of Arabuko-Sokoke Board

At the Friends of Arabuko-Sokoke's annual general meeting on Monday 29 September 2018 it was agreed FoASF would become a company limited by guarantee. For this we needed to form a board. The first meeting of the board was held on Monday 29 July 2019.

The board members are: Tukero Ole Kina (chairman and also chairman of the committee), Dr Dino Martins (executive director of Mpala research centre and research scholar and lecturer in ecology and evolutionary biology at Princeton University - USA), Andy Thomas (chief executive officer of Captain Andy's fishing boats in Watamu), David Martin (an honorary warden from Diani with wide ranging experience in conservation) and Deborah Goodhart (secretary and secretary of the committee).

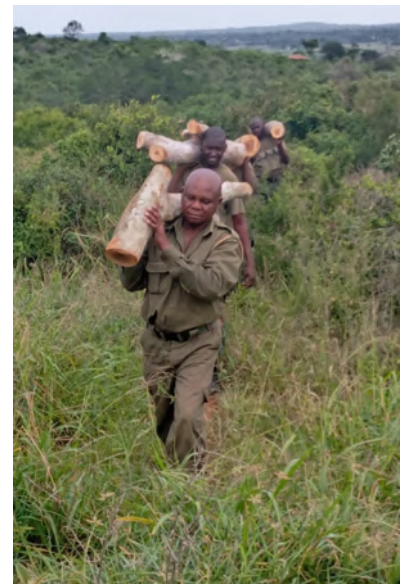
Road clearing

In July two FoASF scouts, with the tractor-trailer, assisted in the removal of a fallen tree from the perimeter fence leading to the Arabuko swamp and conducted road clearing along the Arabuko swamp to Komani junction road.



World Ranger Day

31 July was World Ranger Day. This is a day to appreciate and commend the critical work Rangers do to protect the worlds natural resources. We thank the Kenya Wildlife Service and Kenya Forest Service rangers who patrol daily with our scouts to ensure the preservation of this unique forest.



Direct support to KWS and KFS

FoASF activity	Cost (\$) justification	Total (\$)
KWS field staff rations x1	40\$ per person for rations while complementing our scouts in the forest.	40
KFS field staff rations x1	40\$ per person for rations while complementing our scouts in the forest.	40
KWS fuel	Assistance with fuel for motorbike and vehicle patrols with scouts.	200
KFS fuel	Assistance with fuel for the Gede forest station for patrols around the forest.	50
KFS fuel	Assistance with fuel for the Jilore forest station for patrols around the forest.	50
KFS fuel	Assistance with fuel for the Sokoke forest station for patrols around the forest.	50
Total		430



All pictures in the field taken by FoASF scouts/Alia Moller (July 2019).

With great thanks and appreciation to: Minara Foundation; Oak Foundation; Kenya Wildlife Service; Kenya Forest Service; Captain Andy's Fishing Supplies; African Fund for Endangered Wildlife; Blue Marmalade Supermarket; Royal African Safaris; Promaco Limited; Committee members; Community volunteers; and numerous supporters and funders who have made all this possible.

Report compiled by Alia Moller - of Friends of Arabuko-Sokoke Forest