

RV MTAFITI CRUISE REPORT

FOR GROUP 2

INTRODUCTION

- ❑ Brief cruise report
- ❑ Place : Shimoni, south coast Kenya
- ❑ Between 21st and 22nd April 2016

Cruise Participants (GROUP 2)

1. Amon Kimeli
2. Rahamata Boina
3. Florette Rasoarilalao
4. Gladys Okemwa
5. Cosmas Munga

OBJECTIVES

What we had planned to do:

- ☐ Determine the geomorphology across the shelf
- ☐ Determine the abundance and distribution of charismatic megafauna
- ☐ Determine the amount of sediment input influenced by river or tides
- ☐ Determine the influence of tidal currents on sediment size and distribution
- ☐ Determine the physico-chemical oceanographic parameters with depth
- ☐ Determine the catch composition of pelagic fisheries resources

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Additional objective achieved:

☐ Plankton composition

(i) Study area



MATERIALS AND METHODS CONT.

(ii) Sampling

- CTD
- Niskin
- Plankton
- Drop line
- Temperature and Salinity

RESULTS

Table 1. Cruise and vessel details

FORM 2: EVENT LOG

Survey code :

Region :

South Coast
Kenya

Vessel Name :

RV Mtafiti

Sheet No :

1

RESULTS CONT.

Table 2. Samples and data obtained

Activity Code	Serial No.	Station	Location		Depth (m)	Date	Time Start (GMT)	Time End (GMT)	Comments
			Latitude	Longitude					
CTD	1	1	4 ⁰ 39.286' S	39 ⁰ 29.522' E	160	21/04/2016	12:02	12:20	
Niskin	2	1	4 ⁰ 39.186' S	39 ⁰ 29.582' E	160	21/04/2016	12:02	12:20	
PLK	3	1	4 ⁰ 39.186' S	39 ⁰ 29.582' E	160	21/04/2016	12:30		Vol = 15 L
ZPLK	4	2			300	21/04/2016	14:35	14:50	
ZPLK	5	2	4 ⁰ 39.144' S	39 ⁰ 27.955' E	160	21/04/2016	15:26	15:41	
CTD	6	3	4 ⁰ 37.588' S	39 ⁰ 26.700' E	15	21/04/2016	13:23	13:27	
PLK	7	3	4 ⁰ 37.588' S	39 ⁰ 26.700' E	15	21/04/2016	13:23	13:27	Vol =10L/50µm
CTD	8	4	4 ⁰ 36.000' S	39 ⁰ 28.000' E	119	22/04/2016			

ISSUES ENCOUNTERED

- ❑ Technical challenges e.g CTD malfunction, winches
- ❑ Minimal working space onboard the vessel

ACKNOWLEDGEMENTS

☐ THE CREW

☐ KMFRI

☐ VLIZ

☐ UNESCO

☐ TRAINERS

☐ PARTICIPANTS