Tropical Field Class

The Tropical Field Class Tanzania is organized every two years and is aimed at Bachelor programme biology students who intend to finish their bachelor's degree in the same year or the year after the internship.

To ensure all participants have sufficient knowledge and a good chance to finish their Bachelor programme in the year after the internship, conditions apply at the moment of application and the start of the preparations.

Detailed information regarding the Tropical Internship Tanzania is available for registered students Bachelor biology through the link below.

News (23 October): In the meantime, the Tanzanian colleagues confirmed that the Tropical Field Class can take place during the last three weeks of July. Probable dates are departure on 10 July, back on 31 July, but the exact dates may still change a day or so depending on the availability and cost of the air tickets; we expect that we know more about it around middle December.
Foreword

This booklet serves as an accompaniment to the 3-week Tropical Field Class in Tanzania, part of the Biology curriculum of Universiteit Antwerpen, in collaboration with the Department of Wildlife Management, Sokoine University of Agriculture. It contains some background information on Tanzania, as well as more specific information on each ecosystem that will be visited during the study trip.

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<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activities</th>
<th>Overnight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>10/7</td>
<td>Departure from Brussels Airport at 20:10 (flight ET 725 to Addis Ababa, be at airport 17:30h)</td>
<td>Airplane</td>
</tr>
<tr>
<td>Thursday</td>
<td>12/7</td>
<td>Microprojects</td>
<td>Camp Morogoro</td>
</tr>
<tr>
<td>Friday</td>
<td>13/7</td>
<td>Microprojects (visit SUA, Apopo, market as preferred....)</td>
<td>Camp Morogoro</td>
</tr>
<tr>
<td>Saturday</td>
<td>14/7</td>
<td>Microprojects (visit SUA, Apopo, market as preferred....)</td>
<td>Camp Morogoro</td>
</tr>
<tr>
<td>Sunday</td>
<td>15/7</td>
<td>Microprojects visit Masai boma (Kambala village)</td>
<td>Camp Morogoro</td>
</tr>
<tr>
<td>Monday</td>
<td>16/7</td>
<td>Microprojects (visit SUA, Apopo, market as preferred....)</td>
<td>Camp Morogoro</td>
</tr>
<tr>
<td>Tuesday</td>
<td>17/7</td>
<td>Final day microprojects, bbq &amp; local performing group</td>
<td>Camp Morogoro</td>
</tr>
<tr>
<td>Wednesday</td>
<td>18/7</td>
<td>Packing &amp; transfer to Ruaha, departure 8h00 (10h bus ride). Install camp.</td>
<td>Camp Ruaha</td>
</tr>
<tr>
<td>Thursday</td>
<td>19/7</td>
<td>Morning and evening game drives (talk by 11am by Park Warden)</td>
<td>Camp Ruaha</td>
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<tr>
<td>Friday</td>
<td>20/7</td>
<td>Morning and evening game drives (possibility to entire day game drive: miombo woodland);</td>
<td>Camp Ruaha</td>
</tr>
<tr>
<td>Saturday</td>
<td>21/7</td>
<td>Morning observations by foot safari. Evening game drive</td>
<td>Camp Ruaha</td>
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<tr>
<td>Sunday</td>
<td>22/7</td>
<td>Transfer Ruaha - Udzungwa, departure 8h00 (9h bus ride). Install camp at dusk.</td>
<td>Camp Udzungwa</td>
</tr>
<tr>
<td>Monday</td>
<td>23/7</td>
<td>Visit forest: waterfalls &amp; mangabeys ; talk by Park Ecologist?</td>
<td>Camp Udzungwa</td>
</tr>
<tr>
<td>Tuesday</td>
<td>24/7</td>
<td>Visit forest: waterfalls &amp; mangabeys; talk by Mammal Research Center?</td>
<td>Camp Udzungwa</td>
</tr>
<tr>
<td>Wednesday</td>
<td>25/7</td>
<td>Transfer Udzungwa - Saadani, departure 8h00 (8h bus ride). Install camp at dusk.</td>
<td>Camp Saadani</td>
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<tr>
<td>Thursday</td>
<td>26/7</td>
<td>Organised activities in small groups (mangroves and salt pan, snorkling, coastal forest, game drives)</td>
<td>Camp Saadani</td>
</tr>
<tr>
<td>Friday</td>
<td>27/7</td>
<td>Organised activities in small groups (mangroves and salt pan, snorkling, coastal forest, game drives)</td>
<td>Camp Saadani</td>
</tr>
<tr>
<td>Saturday</td>
<td>28/7</td>
<td>Organised activities in small groups (mangroves and salt pan, snorkling, coastal forest, game drives)</td>
<td>Camp Saadani</td>
</tr>
<tr>
<td>Sunday</td>
<td>29/7</td>
<td>Organised activities in small groups (mangroves and salt pan, snorkling, coastal forest, game drives)</td>
<td>Camp Saadani</td>
</tr>
<tr>
<td>Monday</td>
<td>30/7</td>
<td>Packing, departure 8:30h, road to Dar (6h bus ride). Departure from Dar Es Salaam at 16:45 with ET804; arrival Addis Ababa 19:25h</td>
<td>Airplane</td>
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<tr>
<td>Tuesday</td>
<td>31/7</td>
<td>Departure to Brussels 00:45h (ET724); arrival Brussels 9:35h</td>
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</table>
Environmental conditions

- Parent material (geology)
- Climate
- Topography
- Soils
- Humans (anthropogenic)

- Fauna & flora

DIVERSE BIOTOPES

http://web.ges.gla.ac.uk/~mshand/atlasoftanzania/atlas.htm
- Ferralic Cambisol
- Chromic Cambisol
- Eutric Leptosol
- Eutric Fluvisol
- Haplic Solonetz
- Cambic Arenosol
- Ferralic Cambisol
- Eutric Fluvisol
- Umbric Nitisol
- Eutric Planosol
Climate

- Tropical climate

- Temperature
  - Coastal areas: warm & humid (22-30°C)
  - Mountain areas: sometimes chilly (12-xx°C)

- Rainfall
  - Influence of monsoon
  - Unimodal ↔ Bimodal pattern
  - Highly variable
Morogoro: (24.7°C)

Saadani: (27.3°C)

Ruaha: (21.8°C)

Udzungwa: (24.7°C)
• Croplands
• Closed grasslands
• Open grasslands with sparse shrubs
• Deciduous shrubland with sparse trees
• Deciduous woodland
• Closed deciduous forest

• Deciduous woodland
• Open deciduous shrubland
• Croplands
• Closed deciduous forest
• Mangrove

• Closed deciduous forest
• Montane forest (>1500m)
• Closed evergreen lowland forest
• Deciduous woodland
• Deciduous shrubland with sparse trees
Diverse environmental conditions

Diverse biotopes

Diverse ecosystems
Morogoro

- Where will we stay?
- Microprojects
- Practical organisation
- Don’t forget...
Google Earth: look for "Morogoro"

Morogoro city

Entrance SUA Campus

we will camp here

Sokoine University of Agriculture
Water uit de ton om drinkwater te maken
Sanitair
MICROPROJECTS

• Make a choice (1 & 2).

• Put your name on the list.

• Take some initiative to contact other group members and the assistant/professor.

• Tanzanian students will participate in the projects
ORGANISATION

- VISUM: 1 photo + passport + form
- ASSURANCE (travel / annulation)
- VACCINATIONS (nreisap & ngezond)
- FIRST AID
- TENTS (& Mosquito-netting) (2-3-4 persons)
- KITCHEN/FOOD
- CAMPING SITE
- LUGGAGE (25 kg)
Don’t forget...

- passport & yellow fever
- tent
- sleeping bag & mattress
- light/ pocket torch
- cup/plate/cutlery
- shirts/pants long/short
- shoes/ flip-flops
- swimming clothes, mask, flippers
- toilet-things, towel
- sun-glasses & protection
- hat
- anti-malaria profylaxis
- mosquito repellent
- binoculars etc, field guides
- material microprojects
- drinking bottle?
- GPS
- Pocket Money
Next Classes

- Travel Health
- Tropical ecosystems
  - Savannah & Miombo Woodland
  - Coral Reefs
  - Mangrove
  - Montane rainforest