

## LTBP Field and Laboratory Methods Training Workshop

by Kelly West

From 22 September to 3 October 1997, LTBP's Kigoma station hosted a Field and Laboratory Methods Training Workshop. Twenty-nine participants from Tanzanian and Zambian institutions concerned with fisheries, water resources and national parks attended the workshop.

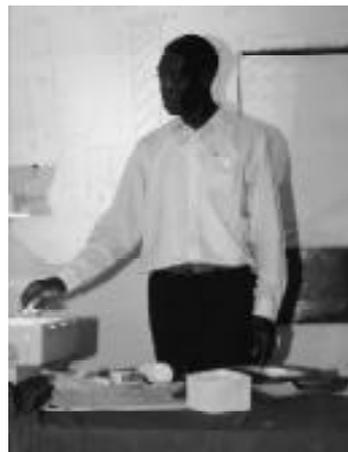
Morning lectures covered a diverse array of topics, including: Introductions to the Biology and Geology of Lake Tanganyika, 'What is Biodiversity and Why Conserve it?' 'Sediment Discharge and its Consequences,' 'Pollution and its Effect on Biodiversity,' 'The Relationship of Stable Isotopes to Water Provenance and History' and 'Geographical Information Systems as a Tool for Integrating Diverse Data Sets.' In the afternoons, participants dispersed into field and laboratory sessions for biodiversity, sedimentation or pollution. In these practical sessions, participants learned the specific tools necessary for their studies. Biodiversity technicians acquainted themselves with the different techniques for collecting aquatic organisms and practised keying-out their samples and calculating biodiversity indices. The pollution team collected water samples from Kigoma Bay and from Gombe Stream National Park and learned to conduct basic water-quality analyses. The delegates for sedimentation studied the fundamental properties of sediments and practised collecting, sieving, and weighing samples as a precursor to describing sediments and interpreting their history. Dattomax Sellanyika, the Park Warden In Charge at Gombe Stream National Park, hosted the entire workshop delegation for discussions of conservation and a tour of the park.



A. Kirika instructs participants on water analysis techniques

The workshop was organized by Chris Foxall and led by teams of trainers, with Eddie Allison, Roger Bills and Koen Martens leading the Biodiversity module; Rob Duck, Graeme Patterson and Hudson Nkotagu representing the Sedimentation Special Study; and Tony Bailey-Watts, Chris Foxall, and Alex Kirika guiding the Pollution Special Study.

Participants included: D. Chitamwebwa, I. Katonda, E. Kadula, U. Kisisiwe, D. Lyoba, S. Muhoza, G. Bwathondi, O. Kashushu, R. Wakafumbe, C. Mbinduka and M. Kajelelo from TAFIRI; P.



D. Chitamwebwa instructing on biodiversity indices.

Kiliho, T. Mpyalimi and C. Rubabwa from Kigoma Regional Water Department; F. Kimambo, D. Sellanyika, and J. Wakibara from Tanzania National Parks Association; K. Mbwambo of the Tanzania Bureau of Standards;

L. Mwape, K. Kaweme, C. Lukwesa, K. Kaoma, I. Zulu, R. Shapola, G. Milindi, M. Mwenda, and R. Sinyinza from Zambian Department of Fisheries; B. Kasonde of Zambia's Department of Water Affairs; and K. Mununga of Nsumbu National Park in Zambia.



'Lake Tanganyika International Football League'

The workshop concluded with a football match between the Tanzanian and Zambian delegations. Evenly-matched teams with strong performances from both sides resulted in a 1-1 tie.

Thus, the determination of the Tanganyikan International Football Power must await future workshops!

Workshops are currently being planned for the francophone countries. However, the current security situation and early stages of LTBP infrastructure in Burundi and D.R. Congo necessitate a different workshop design. For the francophone countries, we are planning individual workshops for each special study to take place over the course of the next few months.

*Kelly West is the Scientific Liaison Officer for the Lake Tanganyika Biodiversity Project.*