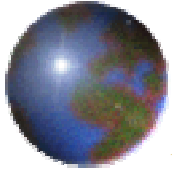


INVASIVE ALIEN SPECIES IN KENYA

Dr. C.J. Kadera

Kenya Plant Health Inspectorate Service (KEPHIS)

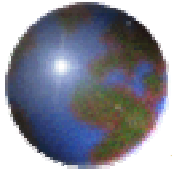




Introduction

- ✦ Kenya has experienced biological invasions
- ✦ Recent survey shows 32 species i.e.
 - ✦ 11 arthropods
 - ✦ 10 microorganisms
 - ✦ 7 plants
 - ✦ 4 vertebrates
- ✦ Examples
 - ✦ Larger Grain Borer (*Prostephanus truncatus*)
 - ✦ Water hyacinth (*Eichhornia crassipes*)





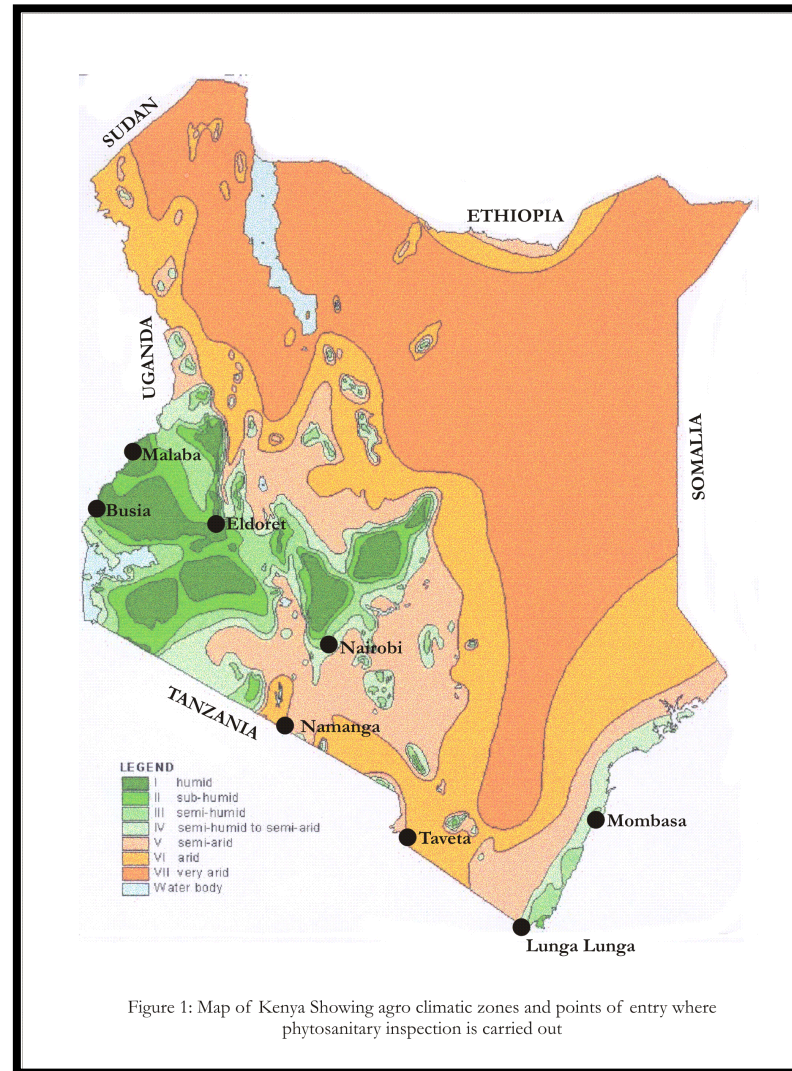
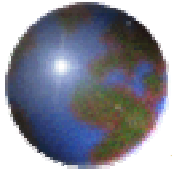
Examples of invasive alien species in Kenya

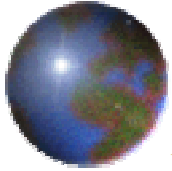


Water Hyacinth
Eichhornia crassipes

Larger Grain Borer
Prostephanus truncatus



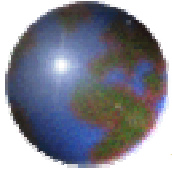




Phytosanitary measures for Plant introductions

- ✦ Phytosanitary regulations (Plant Import Permits and Phytosanitary Certificates)
- ✦ Border control/Inspections at entry points
- ✦ Pest Risk Analysis
- ✦ Treatment /destruction of infested/infected plants or plant products.

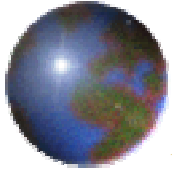




Eradication, containment and control

- E.g.
 - Water hyacinth control
 - mechanical removal
 - biocontrol agents.
 - Larger Grain Borer
 - Monitoring
 - domestic quarantine in initial stages

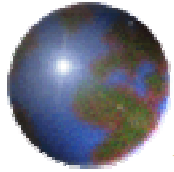




Research and monitoring alien invasive species

- Required to develop an adequate knowledge base to address problem
- Spearheaded Kenya Agricultural Research Institute (KARI)
- KEPHIS works closely with research institutions





Regional and International cooperation

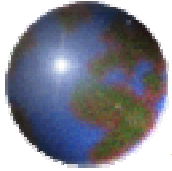
✦ Regional:

- Co-operation between East African states (Kenya, Tanzania and Uganda) e.g. for LGB, water hyacinth management
- Harmonisation of phytosanitary measures
- Strengthening of phytosanitary service

✦ International:

- Kenya contracting party to IPPC

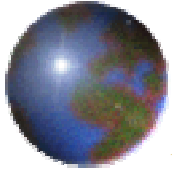




Capacity building

- ✦ Training of staff
- ✦ Strengthening border control

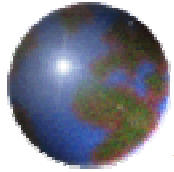




Education and public awareness

- ✦ Media
- ✦ Website (WWW.KEPHIS.ORG)
- ✦ Pamphlets, brochures, annual reports
- ✦ Public seminars





Conclusion

- ✦ Problem of managing invasive species
- ✦ Measures to mitigate impacts
- ✦ Co-operation and Capacity building required

