ECOVEG: Ecological Intensification of Smallholder Farms in Kenya

**Aim:** To collaborate with researchers in SSA, to provide pilot data (both socio-economic and ecological) to inform the implementation of ‘Ecological Intensification’ (EI) for smallholder vegetable farmers.

**Activities:**
1) Ecological field-work across 10 farms surveying pests and natural enemies
2) Socio-economic survey of 100+ farmers to understand factors effecting EI practice
3) Stakeholder workshop to share results and establish a wider network

Partnerships for global development: 9 Dec 2020

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**Key findings/learning/outcomes**

- Enhanced understanding of:
  - the primary pests and pollinators on small-holder farms
  - potential EI management approaches to help manage pests effectively
- Identified:
  - distinct socio-economic groups of small-holders farmers and how their situation, context and activities influence their potential to ecologically intensify their crop production.
  - what approaches are most likely to support adoption of positive practices.
- Published in Food and Energy Security (I.F. 5.24) [https://doi.org/10.1002/fes3.254](https://doi.org/10.1002/fes3.254)
- Established an effective collaborative partnership between UoR, CABI and NMK.
- Developed a network of potential contacts with researchers, policy makers and NGO’s in sub-Saharan Africa. [https://www.cabi.org/projects/project/67631](https://www.cabi.org/projects/project/67631)

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Kenya Nairobi, Kiambu, and Murang’a counties

CABI Kenya
National Museum of Kenya
Natural History Museum