

Interactions between forest elephants (Loxodonta cyclotis) and selective logging in central Africa

Morgane Scalbert¹, Cédric Vermeulen¹, Sarah Tossens¹, Justin Holvoet¹, Marie d'Aspremont Lynden¹ and Jean-Louis Doucet¹

¹Université de Liège – Gembloux Agro-Bio Tech. Forest is life. Terra Teaching and Research Centre. Passage des Déportés 2, B-5030, Gembloux, Belgium



EUROPEAN CONFERENCE OF TROPICAL ECOLOGY Montpellier FRANCE 7- 9 June 2022









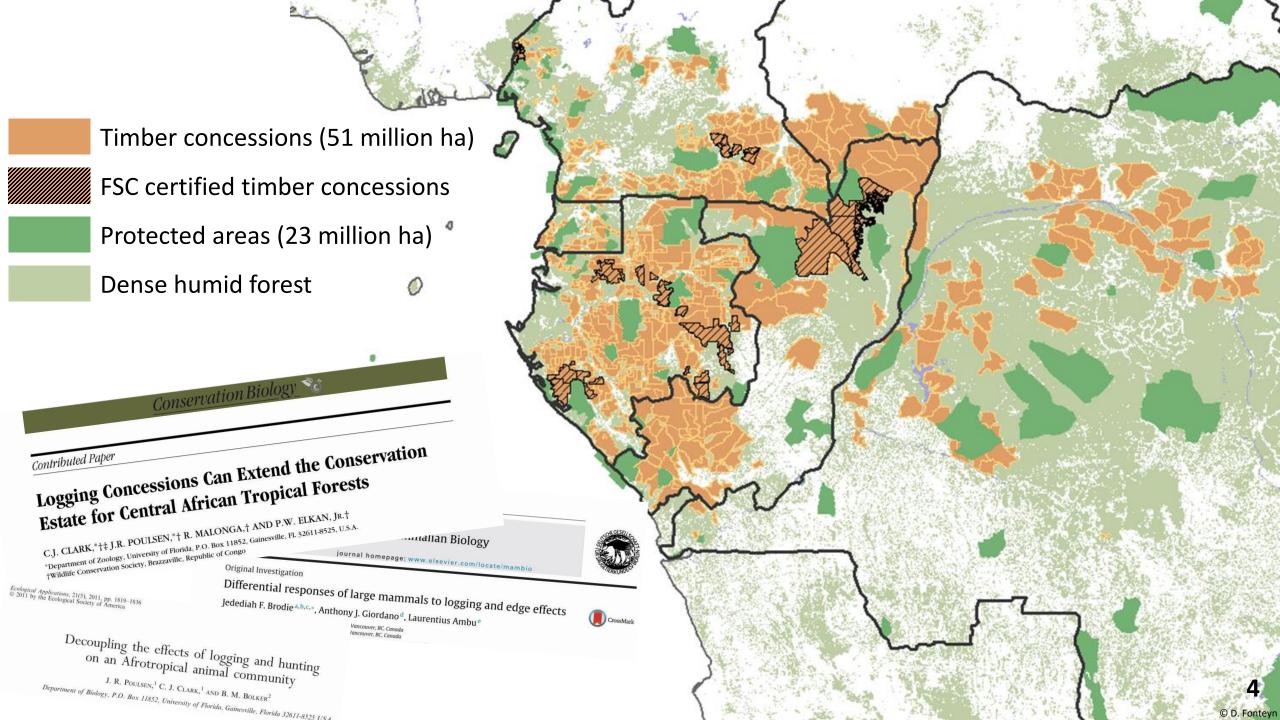


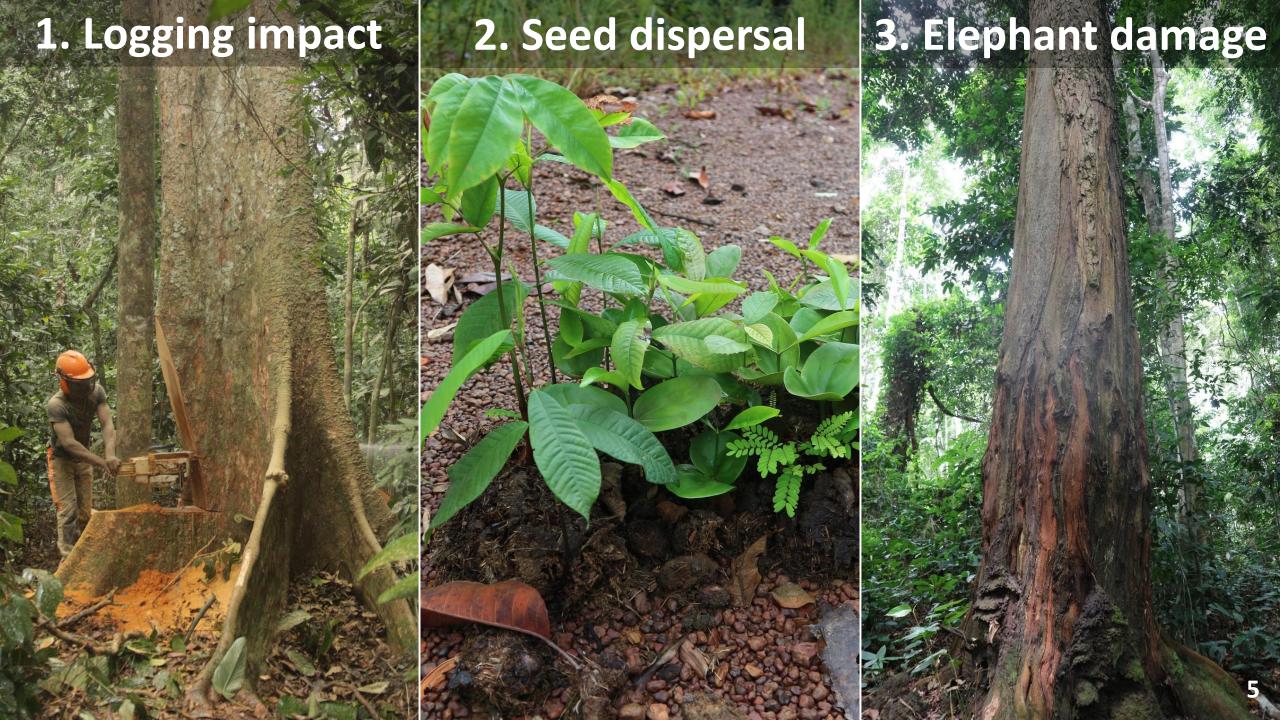


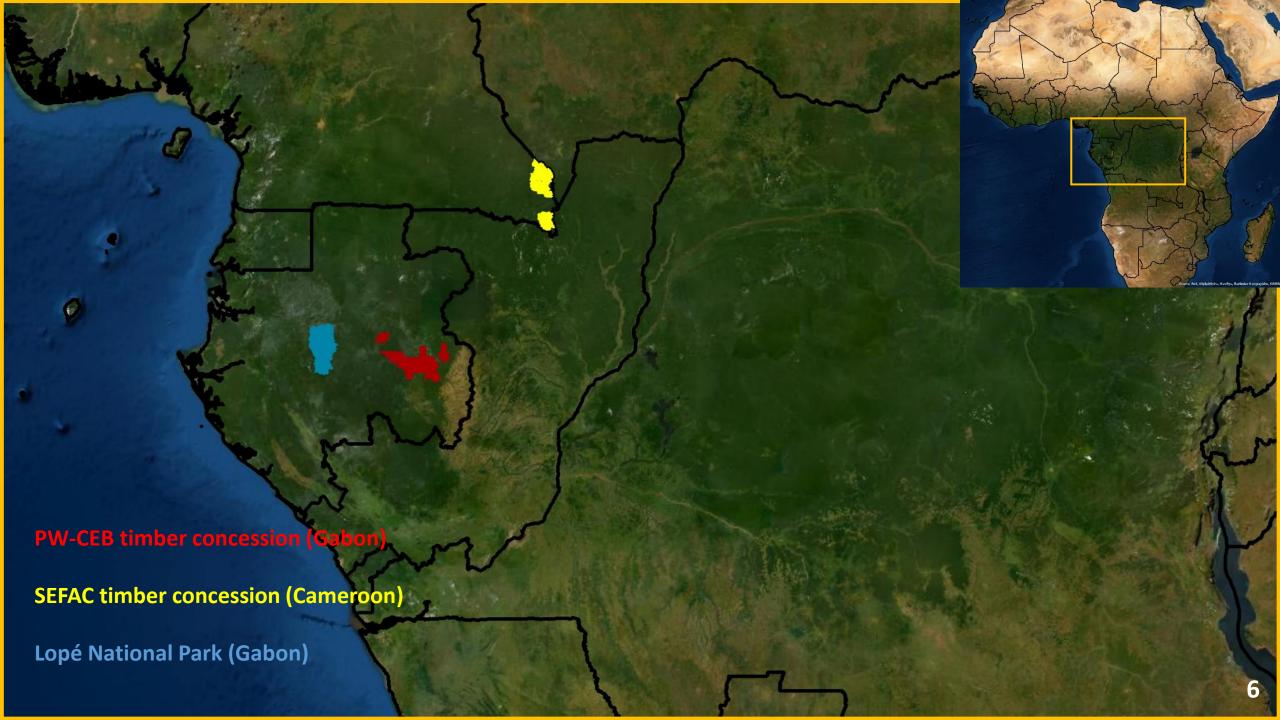












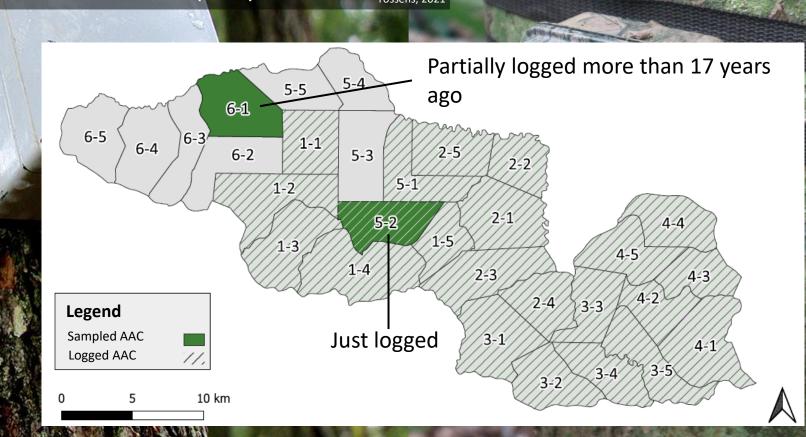


1. Logging impact

SEFAC (Cameroon)

Method: 24 camera traps and 12 acoustic sensors equally distributed in 2 annual allowable cut (AAC)

Tossens, 2021

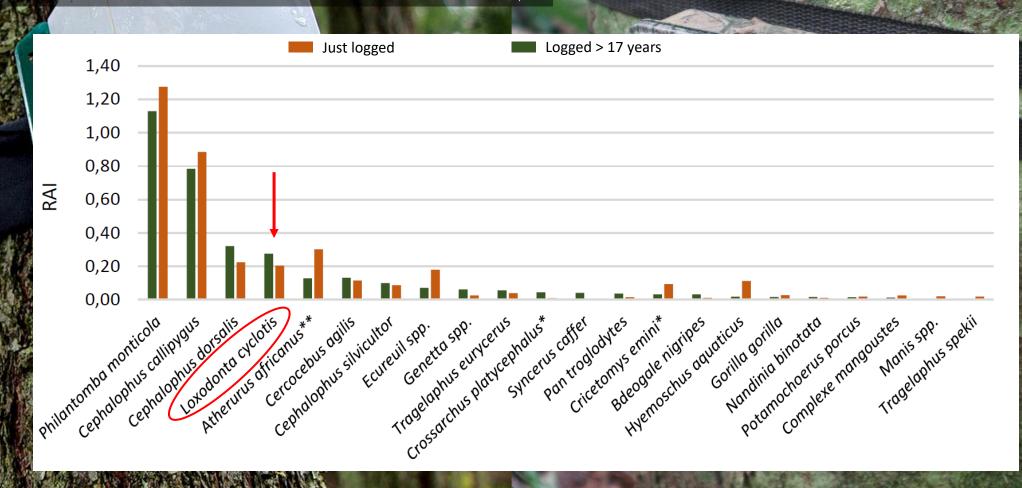


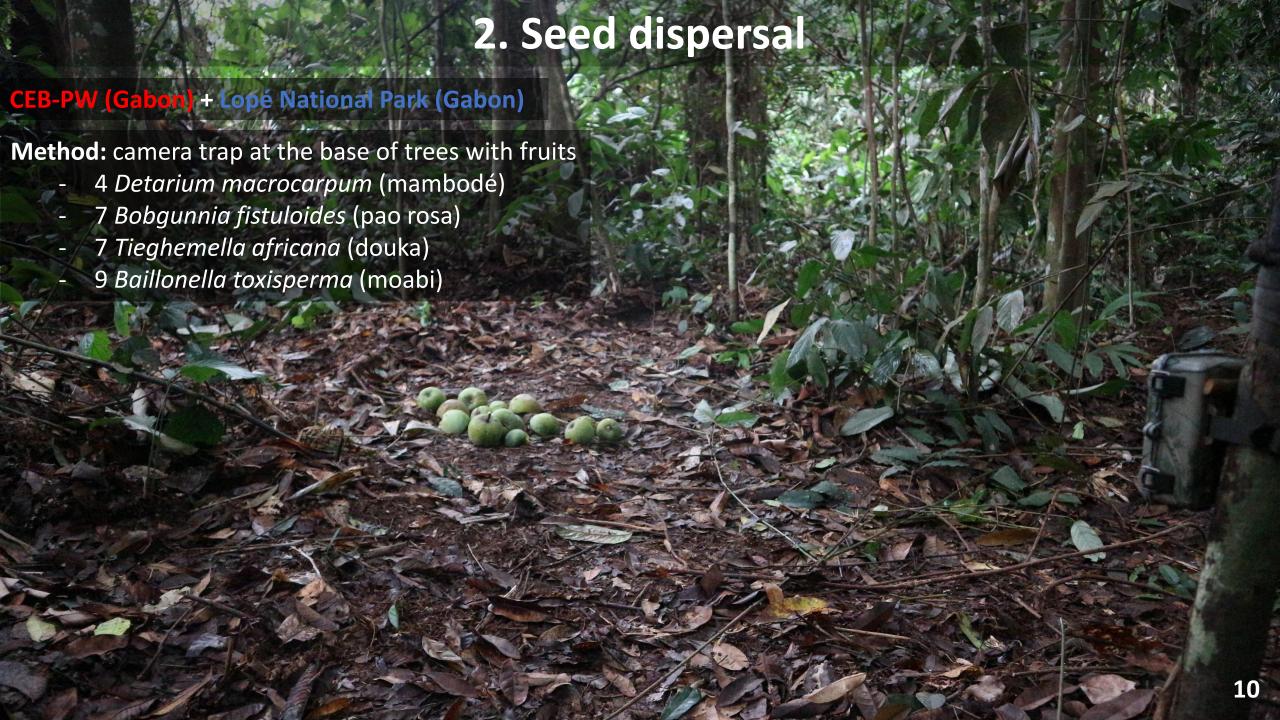
1. Logging impact

SEFAC (Cameroon)

Results: No significant differences between formerly and recently logged areas

Tossens, 2021









3. Elephant damage



3. Elephant damage

CEB-PW (Gabon)

Preliminary results:

- 20% of plants were damaged
- 50% of the damage attributed to the forest elephant (uprooted, broken stem)

