Objective
To determine the effect of tree management (pollard vs. high stem), season and species on the nutritive value of tree leaves.

Materials and methods
✓ Collection of leaves on high stem and winter pollard trees grown on the same site.
✓ Sample analysis: enzymatic digestibility of dry matter (ED), dry matter (DM), content in ash, crude protein (CP), neutral detergent fibres (NDF).

Results
- Significant effect of tree management, species, and season on ED, DM, CP and ash content (P<0.1).
- Strong interaction species by management on DM, CP, ED and Ash content (P<0.01). CP was higher in high stem tree leaves than in pollarded tree leaves for mulberry while it was the opposite for ash.
- CP content of mulberry and ash leaves decreased from June to October and the DM increased. There was no effect of the season on DM and CP content of Paulownia leaves.
- Ash and mulberry showed a better fodder quality than paulownia: higher ED and lower NDF content.
- Ash content in the leaves of mulberry was higher than in the leaves of ash and paulownia.

Conclusion
✓ The three species showed sufficient digestibility and crude protein content to be including in the diet of ruminants whatever the season and the tree management, in particular white mulberry which showed an excellent fodder quality.