

Soil Foodweb Analysis on Kachana Station 2004

The way we did it in 2004:

The procedure July 2004:
We chose the dry season.

- 1.) We chose the same three areas in our "Millennium Project" as in previous years to conduct a soil-foodweb analysis. This complements existing photo-monitoring.
Area 1: Millennium Project: Area managed with "Fire"
Area 2: Millennium Project: Area managed with "High Animal Impact"
Area 3: Millennium Project: Area managed with "Rest"
- 2.) We used the datum post established in 2000.
- 3.) In this case areas 1, 2 and 3 are situated on a rocky hillside slope typical for this area. The datum post is about a third of the way up the slope.

From there we walked along the contour and every two steps we randomly took core samples. (To pick the spot we made use of a dart, which we threw (1-2 m) backwards over our shoulder into the area.) 20 cores (the two years before it had been 25) were taken with use of a steel tube with a diameter of about 2 cm. Each core was taken to a depth of 0-10cm. We did not take the samples at any set distance away from any particular plant, but in the centre of the two closest living plants. (It is anticipated that plant spacing will vary considerably over the next few years with continued management). We noted the types of plants and their distance from each other.
- 4.) For each area we mixed the 20 cores together and took out a composite sample of about 200 grams.
- 5.) On the same day the three composite samples and submission forms were posted to Lismore NSW for analysis

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Please find more extensive information on sampling for Soil-Foodweb analysis plus submission forms for each of the worldwide labs on the website: <http://www.soilfoodweb.com/>

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