

## Screening of some plants used in traditional medicine in Niger for antiparasitic and antifungal activities

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- Methanol/H<sub>2</sub>O (80:20) extracts of the 25 plants were tested against yeast at the concentration of 500 µg/ml
- Only aqueous extracts of *Boerhavia erecta* and *Mitracarpus scaber* were tested against dermatophyte in concentration ranging from 1 500 µg/ml to 500 µg/ml.

#### TESTED MICRO ORGANISMS

#### ASSAY MEDIA

- Antifungal activity was evaluated *in vitro* with the agar dilution method using Yeast nitrogen base YNB (Difco) and Sabouraud chloramphenicol agar (Pasteur) as a culture medium for yeast and dermatophyte species respectively.<sup>5,7</sup>
- Jone's liquid media and oxoid (code CM 161) liquid media

## DISCUSSION

– No significant activity was obtained with acetonic extract against *Trichomonas vaginalis*. However Methanol/H<sub>2</sub>O (80:20) extract of *Balanites aegyptiaca* was active on this protozoa (MIC: 100 µg/ml) and 18 others extracts were active at 250 µg/ml (see result table).

– *Balanites aegyptiaca* stem bark, *Commiphora africana* stem bark and *Baobab* serial port extracts inhib

## RÉFÉRENCES

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