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Bioactive farina of *Notholaena sulphurea* (Pteridaceae): morphology and histochemistry of glandular trichomes

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Highlights

- Morphology of glandular trichomes of *Notholaena sulphurea* was analyzed.
- The density of glandular trichomes decreased gradually with frond maturity.
- This is first report for histochemical study of glandular trichomes in farinose ferns.
- Farinous exudates play an important ecological role in defense of ferns.

ABSTRACT

The morphology and distribution of glandular trichomes in fronds at different developmental stages were investigated in *Notholaena sulphurea*, and the main components of the secreted