

Helminthostacys Fern



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Abstract

A *pteridophyte* are the vascular plant that reproduces by the spores (heterospory) and therefore was a member of the former and now *Pteridophyta*. The term is now used only informally to denote a fern. Because pteridophytes produce neither flowers nor seeds, they are also referred to as "cryptogams", they are the true lands plants. They are classified by the various way, but overall four of the classes are termed and recognised, these are the Psilopsida, lycopsida, spenopsioda, pteriopsida. Here in this review article we are presenting some of the aspects of the fern *Helminthostachys*. The genus is related to the family ohiogloasaceae, the genus consists of the two species, these are termed as the *Helminthostays Mexicana*, *Helminthostacys zeylinica*.

Keywords: Ohiogloasaceae; Pteridophytes; Seeds; Flowers

Introduction



Figure 1: *Helminthostacys zeylinica*.

The fern is the terrestrial and the herbaceous fern, the fern is endemic of the south eastern Australia and the Asia, the fern is known as the tunjuk Lang it, the ferns have the cluster of the storage on the fern like leaves or on the spike like fronds. The rhizome is the short, creeping and the underground, they can bear the solitary fronds or the fronds in the group's leaves are the lanceolate, the margins are of the serrate margin [1-9]. The fern spike arises from the bases of the leaves; the spike is in the form of the stripes. Below the spike there are sterile leaf bases. The roots of the *H. zeylinica* are used as the medicines in the china, s "Di wu gong, in Malaysia the leaves are dried, and they are used for stopping the bleeding of the leaves [10]. The plant is eaten as the vegetables, they are also used for the treating the impotence of the peoples the specie is also used as the brain tonic (Figure 1). Several peoples of the world had worked on the phytochemistry of the *Helminthostacys zeylinica*, they found that the tubers of the ferns are of the good collection of the several

metabolites of the pharmacology values, they are found to be the good antioxidants and the good anti-inflammatory effects [1-9]. The leaves also have the very good amount of the phytochemical so if the medicinal values, they are also found very effective in several kinds of the cell lines of the microbial cultures. However human trial is needed for the more and the detailed amount of the work.

Conclusion

Overall this is the short minireview of the fern *Helminthostachys*, which shows its distribution and the life pattern.

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