

STUDY OF TRICHOME MORPHOLOGY ON FLORAL PARTS OF SOME MEMBERS OF ERICACEAE

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Abstract: A detailed study of trichome morphology was carried out in floral parts of eight members of Ericaceae viz. *Enkianthus deflexus* Schneider, *Gaultheria hookeri* Clarke, *Lyonia villosa* Hand- Mazz, *Pieris formosa* Don, *Agapetes serpens* Sleumer, *Vaccinium retusum* Hook and *Vaccinium vacciniaceum* Slemer. The present investigation dealt with the structure, development and distribution of tricomes on the floral parts. They are of different sizes and shape. Glandular head and a stalk is only observed in *Agapetes serpens*. In rest of the members they are non- glandular type which are unicellular papillate hook type, thorn type filamentous type, filamentous brached type and uniseriate 2 celled and 5-6 celled trichomes. They serve as important parameter for taxonomic purpose.

Keywords : Trichomes, floral parts, Ericaceae

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