

- 24a. 葉柄暗褐色，小羽片尖端銳尖
..... 高山耳蕨 (*P. lachenense*)
- 24b. 葉柄稻稈色，小羽片尖端具長柔毛
..... 南湖耳蕨 (*P. prescottianum*)
- 25a. 葉柄基部大型鱗片黑色 (Figs. 23, 24).....
..... 黑鱗耳蕨 (*P. piceo-paleaceum*)
- 25b. 葉柄基部大型鱗片褐色26
- 26a. 葉二回羽狀複葉，披針形，寬度大於 3 cm
..... 尖葉耳蕨 (*P. parvipinnulum*)
- 26b. 葉二回羽狀裂葉，狹披針形，不超過
2.5 cm 寬 尾葉耳蕨 (*P. thomsonii*)

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The Use of Scale Characters in the Taxonomy of Fern Genus *Polystichum* in Taiwan

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ABSTRACT

An taxonomical study was made of the fern genus *Polystichum* Roth emend in Taiwan which shows that the large scales on the base of stipe and the small scales beneath the undersurface of pinnae or pinnule are good taxonomical characters. A key to species is also given in this paper mainly base on the scale characters.