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• 計畫中文名稱	羅氏鹽膚木蟲癭鞣質之研究		
• 計畫英文名稱	Tannins from Galls of <i>Rhus semialata</i> Murr. var. <i>roxburghiana</i> DC		
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• 研究人員	徐鳳麟 Hsu, Feng-Lin		
• 中文關鍵字	鞣質；多酚；漆樹科；結構分析；藥理活性；藥物分析		
• 英文關鍵字	Tannin；Polyphenol；Anacardiaceae；Structure analysis；Pharmacological activity；Drug analysis		
• 中文摘要	<p>五倍子為某些植物蚜蟲螫刺鹽膚木(漆樹科)而形成者,含有豐富之鞣質。羅氏鹽膚木為鹽膚木之類緣植物。其百分之六十之水性丙酮萃取物,藉由各種管柱層析之純化,共得到十七個化合物,其結構經光譜之解析,分別確認為: Shikimic acid、Protocatechuic acid、Gallic acid、Methylgallate、Digallic acid、Methyl digallate、1-O-galloyl-.beta.-D-glucose、1,2,3,4,6-penta-O-galloyl-.beta.-D-glucose、(+)-catechin、Eriodictyol、Luteoline、Quercetine、(-)-rhusflavone、Agathisflavone、Amentoflavone、Butein、p-hydroxyacetophenone。</p>		
• 英文摘要	<p>Chinese galls are formed on <i>Rhus chinensis</i> Mill (Fam. Anacardiaceae) owing to the stings of certain plant lice, and they are rich in tannins. <i>Rhus semialata</i> Murr. var. <i>roxburghii</i> DC., an allied plant of <i>Rhus chinensis</i>, by means of various column chromatographies, seventeen compounds were obtained from the 60% aqueous acetone extract of the galls. The structure of these compounds were elucidated respectively as shikimic acid, protocatechuic acid, gallic acid, methylgallate, digallic acid, methyl digallate, 1-O-galloyl-.beta.-D-glucose, 1,2,3,4,6-penta-O-galloyl-.beta.-D-glucose, (+)-catechin, eriodictyol, luteoline, quercetine, (-)-rhusflavone, agathisflavone, amentoflavone, butein, p-hydroxyacetophenone.</p>		