Chemical Constituents of *Pedicularis densispica* Franch

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An ethanol extract of the dried aerial of *Pedicularis densispica* Franch (Scrophulariaceae) afforded a new lignan, densispicoside (1), and two new iridoids, densispicnin C and D (14, 15), together with four lignans, (+)-isolarisiresinol 3a-0-β-D-glucopyranoside (2), (–)-pinoresinol-β-D-glucopyranoside (3), syringaresinol mono-β-D-glucopyranoside (4), longifloroside B (5), eight phenylpropanoids, 4-O-β-D-glucopyranosyl-sinapic acid methyl ester (6), 3-(4-hydroxy-3-methoxy-phenyl)-1,2,3-propantriol (7), citrusin C (8), robustaside B (9), verbascoside (10), martynoside (11), 2′′-O-acetylverbascoside (12), cis-martynoside (13), and two iridoid glycosides, shanzhisidemethyl ester (16), and 8-epiloganin (17). Their structures were established on the basis of chemical and spectroscopic studies. Bioactivity results indicate that *P. densispica* shows activity on PAI-1 antithrombus assay *in vitro* and antifatigue activities *in vivo*.

**Key words:** Scrophulariaceae, *Pedicularis densispica*, Densispicoside, Densispicnin C and D