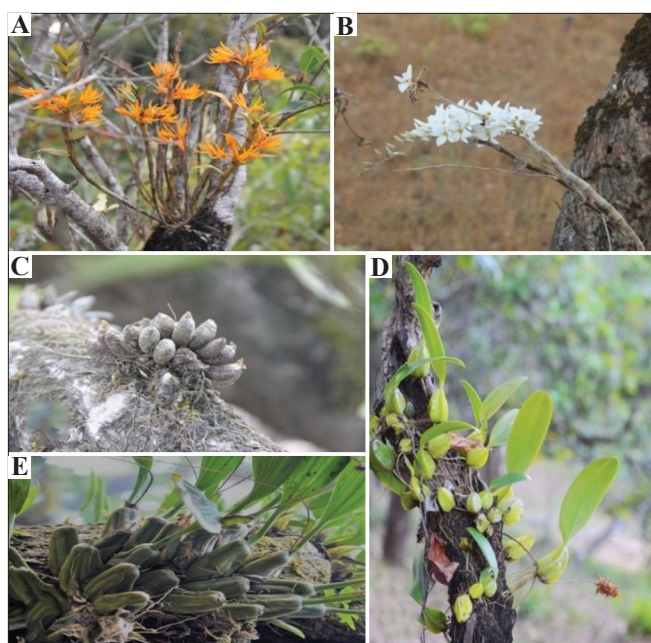


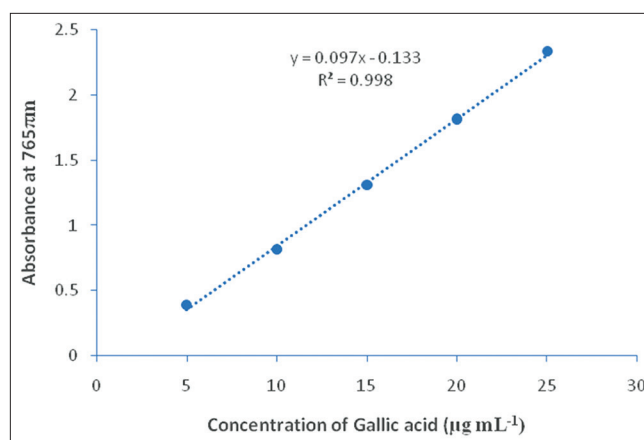
## RESEARCH ARTICLE

# Screening of biological activity of selected medicinal orchids of Western Ghats, Karnataka, India

## Supplementary Files



**Figure S1.** Habit and morphology of selected orchid species from Western Ghats regions of Karnataka. (A) *Dendrobium jerdonianum*, (B) *Dendrobium barbatulum*, (C) *Eriamysoriensis*, (D) *Bulbophyllumneilgherrense*, and (E) *Pholidata pallida*.



**Figure S2.** The standard Gallic acid curve for determining the total phenolic content.

**Table S1.** Minimum inhibitory concentrations of selected orchids in various solvent extracts

Plants and extract	Minimum Inhibitory Concentrations (mg/mL)				
	<i>E. coli</i>	<i>P. aeruginosa</i>	<i>S. typhi</i>	<i>B. subtilis</i>	<i>S. flexneri</i>
<i>D. jerdonianum</i>					
Chl	-	-	-	-	-
Meth	2.5	0.625	0.625	1.25	2.5
Aq	-	-	-	-	-
<i>D. barbatulum</i>					
Chl	-	-	-	-	-
Meth	-	-	-	-	-
Aq	-	-	-	-	-
<i>E. mysorensis</i>					
Chl	-	-	-	-	-
Meth	-	-	-	-	-
Aq	-	-	-	-	-
<i>B. neilgherrense</i>					
Chl	-	-	-	-	-
Meth	2.5	-	-	-	2.5
Aq	-	-	-	-	-
<i>P. pallida</i>					
Chl	-	-	-	-	-
Meth	0.625	2.5	0.312	0.312	1.25
Aq	-	-	-	-	-
Standard					
Streptomycin	0.039	0.0097	0.156	0.156	0.156
Negative control					
Respective solvents	-	-	-	-	-

Notes: Aq: Aqueous, Chl: Chloroform; Meth: Methanol; *E. coli*: *Escherichia coli*; *P. aeruginosa*: *Pseudomonas aeruginosa*; *S. typhi*: *Salmonella typhi*; *B. subtilis*: *Bacillus subtilis*; *S. flexneri*: *Shigella flexneri*; *D. jerdonianum*: *Dendrobium jerdonianum*; *D. barbatulum*: *Dendrobium barbatulum*; *E. mysorensis*: *Erythrina mysorensis*; *B. neilgherrense*: *Bulbophyllum neilgherrense*; *P. pallida*: *Pholidata pallida*