

2.5 cm

Diversity of orchids genus *Dendrobium* Sw. in Thungyai Naresuan East Wildlife Sanctuary, Tak Province

18 pts
bold

14 pts

Apirada Sathapattayanon^{1,*} and Chattraphas Pongcharoen²

16 pts

14 pts

2.5 cm

The study on diversity of orchids genus *Dendrobium* Sw. in Thungyai Naresuan East Wildlife Sanctuary, Tak Province was conducted from September, 2015 to September, 2016. Field surveys and specimen collections were performed along 7 routes representing 4 vegetation types of dry evergreen forest, lower montane forest, deciduous dipterocarp forest and freshwater swamp forest. Twenty six species were found, i.e. *D. acerosum* Lindl., *D. angulatum* Lindl., *D. aphyllum* (Roxb.) C.E.C. Fisch., *D. bilobulatum* Seidenf., *D. capillipes* Rchb. f., *D. cariniferum* Rchb. f., *D. chittimae* Seidenf., *D. chrysotoxum* Lindl., *D. compactum* Rolfe ex W. Hackett, *D. crystallinum* Rchb. f., *D. devonianum* Paxton, *D. dixanthum* Rchb. f., *D. ellipsophyllum* Tang & F.T. Wang, *D. exile* Schltr., *D. fimbriatum* Hook., *D. findlayanum* C.S.P. Parish & Rchb. f., *D. infundibulum* Lindl., *D. keithii* Ridl., *D. lindleyi* Steud., *D. parcum* Rchb. f., *D. polyanthum* Wall. ex Lindl., *D. pulchellum* Roxb. ex Lindl., *D. pycnostachyum* Lindl., *D. salaccense* (Blume) Lindl., *D. thysiflorum* B.S. Williams. and *D. tortile* Lindl. All observed plants are epiphytic orchids. Plant status was also investigated. *D. devonianum* Paxton was recorded as a rare species.

2.5 cm

14 pts

Keywords: *Dendrobium*, Diversity, Thungyai Naresuan East Wildlife Sanctuary

14 pts
bold

14 pts

¹ Department of Biology, Faculty of Science, Srinakharinwirot University, Bangkok, 10110

² Innovative Learning Center, Srinakharinwirot University, Bangkok, 10110

* Corresponding author email: apirada@g.swu.ac.th

12 pts

2.5 cm