

NEOTINEA LACTEA (ORCHIDACEAE), A NEW TAXON
FOR SAMOS ISLAND, GREECE

Alex Korakis¹

¹Email:ravenalx66@windowlive.com

Published online: March 11, 2014

Orchidaceae

Neotinea lactea (Poir.) R.M.Bateman, Pridgeon & M.W.Chase

E Aegean: Nomos Samou: Samos, east of Paleokastron, 37°72'47" N, 27°02'77" E, olive groves (*Olea europaea*) with *Himantoglossum robertianum*, *Orchis italica*, *Ophrys oestriifera*, *Ophrys umbilicata*, *Anemone coronaria*, *A. pavonina*, *Anthemis chia*, etc., 190m, 7 Mar 14, obs. Korakis.



New for Samos. *Neotinea lactea* (*Orchis lactea* Poir.) is a species of C and E Mediterranean region. In Greece, it is mainly found in western and southern part of mainland and several Aegean islands. During regular fieldwork on the island by the author, only one (1) plant was observed, in full flowering condition. In spite of an extensive search in the area, no other plant was recorded. It may exist in more localities but have been overlooked mainly because of its early flowering time. Two more *Neotinea* species occur on the island, *N. maculata* (Desf.) Stearn and *N. tridentata* (Scop.) R.M.Bateman, Pridgeon & M.W.Chase, both being rather common.

Fig. 1. *Neotinea lactea*, Paleokastron
(photo A. Korakis)



Fig. 2. *Neotinea lactea*, Paleokastron (photo A.Korakis)

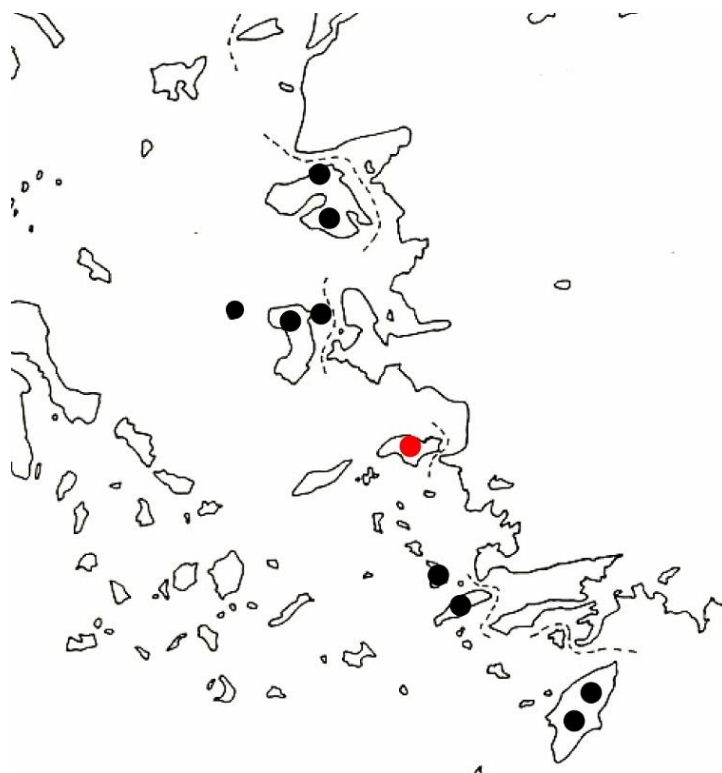


Fig. 3. Geographical distribution of *Neotinea lactea* in E Aegean islands (● literature records, ● new record)

Acknowledgments

The author is grateful to Spyros Tsiftsis for providing the distribution status of *N. lactea* in Greece. Sotiris Alexiou made valuable comments and improved the manuscript.

References

- Kretzschmar, H., Eccarius, W. & Dietrich, H. 2007. The orchid genera *Anacamptis*, *Orchis*, *Neotinea*-*Echinomedia*,. Bürgel, Germany.
- Petrou, N., Petrou, M. & Giannakoulis, M. 2011. Orchids of Greece. – KOAN, Eight Clouds.