

## TWO NEW LOCALITIES FOR *LIMONIASTRUM MONOPETALUM* (PLUMBAGINACEAE) FROM GREECE

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*Plumbaginaceae*

*Limoniastrum monopetalum* (L.) Boiss.

Stereia Ellas: Nomos Attikis: Municipality of Markopoulo - Porto Rafti, just at the right of beach of Agios Spiridon, marine rocks, 2m, 30 Dec 2012, Herb. Alexiou; Chamolia, marine rocks, 2m, 22 May 2011, Gioutlakis obs.

*Limoniastrum monopetalum* is a Mediterranean shrub, mostly found in coastal and saline dry areas. In Greece, it has been reported from the S Aegean area: Gavdos, Chrysi (Gaidouronisi) and Koufonisi islands, Makrouli and Strongili islets (Turland *et al.* 1993, Αραμπατζής 2001, Bergmeier *et al.* 2001). Koumpli-Sovantzi & Yannitsaros (1993) reported the species from Kithnos, Kiklades. More recently (2013), Polymenakos & Kit Tan observed and reported the species from cape Maleas, SE Peloponnisos and Legrena bay, Attiki. Here we report two new localities from Attiki, close to each other. At the first locality, only one individual was observed and photographed, independently, by both of us. Herbarium material was collected by S.A and kept at his private herbarium (Koropi, Attiki). At the second locality, about 15 km from the first, another individual was observed and photographed by one of us (G.G.) on 22 May 2011. In spite of an extensive search in the area, no other individual was detected.



Fig. 1. Habitat of *Limoniastrum monopetalum* from Chamolia (photo Gioutlakis).

## New localities for *Limoniastrum monopetalum*

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Fig. 2. Habitat of *Limoniastrum monopetalum* from Chamolia (photo Gioutlakis).

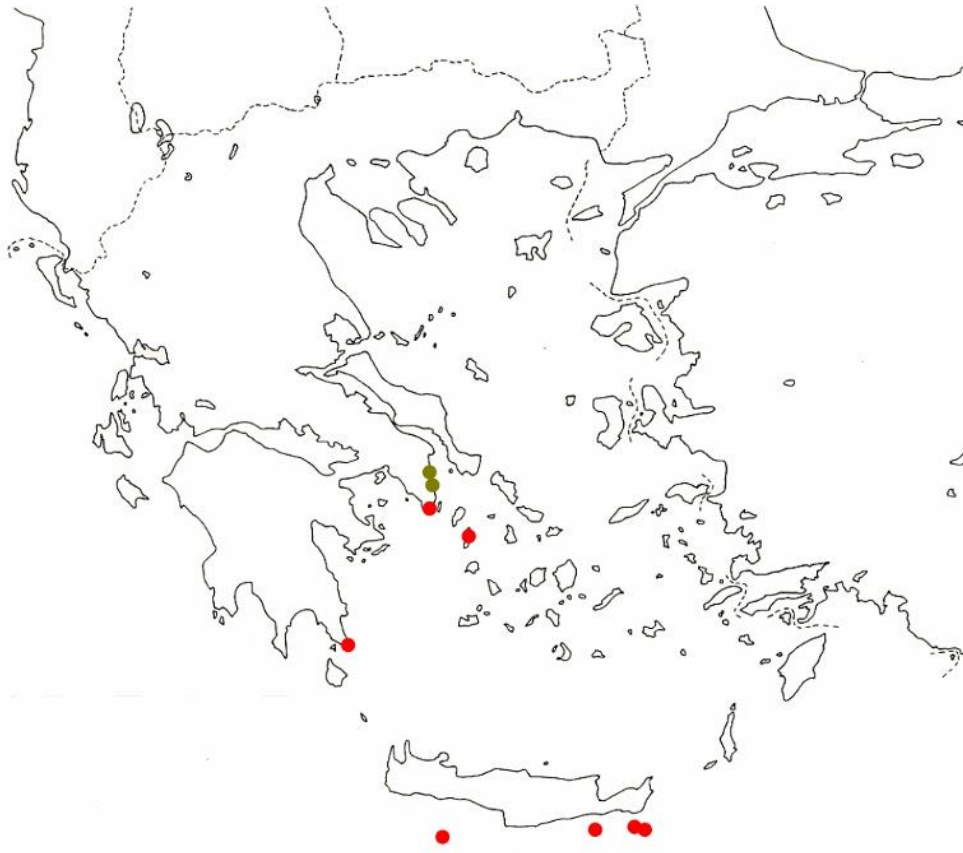


Fig. 3. Geographical distribution of *Limoniastrum monopetalum* in Greece (● literature records, ● new records)



Fig. 4. Habitat of *L. monopetalum*, Porto Rafti (photo Alexiou)



Fig. 5. Leaves of *L. monopetalum*, Porto Rafti (photo Alexiou)



Fig. 6. Herbarium material of *Limoniastrum monopetalum* from Porto Rafti, Herb. Alexiou.





Fig. 7. Flowering shoots of *Limoniastrum monopetalum*, Porto Rafti (photo Alexiou)

### Acknowledgements

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### References

- Αραμπατζής, Θ. 2001. Θάμνοι και δέντρα στην Ελλάδα, 2. Δράμα.
- Bergmeier, E., Kypriotakis, Z., Jahn, R., Böhring, N., Dimopoulos, P., Raus, Th. & Tzanoudakis, D. 2001. Flora and phytogeographic significance of the islands Chrysi, Koufonisi and nearby islets (S Aegean, Greece). – *Willdenowia* 31: 329-356.
- Koumpli-Sovantzi, L. & Yannitsaros, A. 1993. A contribution to the coastal flora of the Kikladhes (Greece). – *Willdenowia* 23: 121-135.
- Polymenakos, K. & Kit Tan 2013: In Vladimirov, V., Dane, F. & Tan, K. New floristic records in the Balkans: 21. – *Phytologia Balcanica* 19(1): 131-157.
- Turland, N.J., Chilton, L. & Press, J.R. 1993. Flora of the Cretan area. – HMSO, London.