

PIANTAGO LACHNANTHA BGE. (PLANTAGINACEAE), A NEW RECORD FOR FLORA OF IRAN

S. Mohsenzadeh, V. Nazeri & S. M. Mirtadzadini

Mohsenzadeh, S., Nazeri, V. & Mirtadzadini, S. M. 2007 12 31: *Plantago lachnantha* Bge. (*Plantaginaceae*), a new record for flora of Iran. –*Iran. J. Bot.* 13 (2): 107-108. Tehran.

Plantago lachnantha Bge. collected from Kerman province is reported as a new record to Iran. This species is compared with closely related species, *Plantago evacina* Boiss.

Saeed Mohsenzadeh (correspondence), Vahideh Nazeri & Seied Mansour Mirtadzadini, Department of Biology, Faculty of Science, Shahid Bahonar University Kerman, Iran.

Submitted: 2007. 10. 01 Accepted for publication on: 2007. 12. 19

Keywords. *Plantago*, new record, Iran.

گزارش گونه *Plantago lachnantha* Bge. برای اولین بار از ایران

سعید محسن‌زاده، دکتر وحیده ناظری و سید منصور میرتاج‌الدینی

گونه *Plantago lachnantha* Bge. که از استان کرمان جمع‌آوری شده است، برای اولین بار از ایران گزارش می‌گردد. این گونه با گونه مجاور خود *P. evacina* Boiss. مقایسه شده است.

Introduction

In the course of identification of unknown specimens of the genus *Plantago* in Bahonar University of Kerman Herbarium (KUH) *Plantago lachnantha* Bge. was found and is reported as a new record from Iran. The specimen is compared with its closest relative *P. evacina* Boiss.

***Plantago lachnantha* Bge.** –Fig. 1.

Kerman: Sirch to Shahdad, 1680 m, Mirtadzadini 1335 (KUH).

Annual, ca. 2 cm high, stem less with several or many floral scapes, which are shorter than leaves. Leaves 2-2.5 cm long and 1-1.5 mm wide, narrow and linear or lanceolate-linear, almost pubescent, margin entire, petioles 5-8 mm long. Peduncles densely tomentose-pubescent, 0.8-1.5 cm long; spikes capitate, 3-5 mm in diameter. Bracts ovate, 4.25-4.5 mm long, with herbaceous midrib, broadly memberanous-edged, glabrous or less hairy. Sepals elliptic or ovate, 4-4.25 mm long, with herbaceous midrib, broad memberanous-edged, densely covered with long hairs. Corolla tube densely woolly-hairy, 1-1.25 mm long; corolla lobes oblong-ovate, glabrous, 1.25-1.5 mm

long. Seeds 2, elliptic or oblong-elliptic, about 2.5 mm, concave on one side, deeply concave on the other.

This species was reported in Flora Iranica (Patzak & Rechinger 1965) from Afghanistan and in Flora Orientalis (Boissier 1879) from Turkmenistan. Although the type specimen was not seen, details of its description were compared with different available Floras. According to the description given in Flora Iranica (Patzak & Rechinger 1965) and Flora Orientalis (Boissier 1879) *Plantago lachnantha* Bge. differs from *P. evacina* Boiss. in the following characteristics: In *Plantago lachnantha* Bge. peduncles are densely white tomentose-pubescent (not yellowish); green midrib excurrent to top as the bract (not greenish midrib no excurrent to top as the bract); sepals are herbaceous with green midrib and covered with densely long hair (not leathery with greenish midrib and woolly-hairy) and ovato-oblong petals (not ovato-lanceolate).

References

- Boisser, E. 1879: Plantaginaceae in Flora Orientalis 4: 876-890. –Genevae & Basiliae.
- Patzak, A. & Rechinger, K. H. 1965: Plantaginaceae in K. H. Rechinger Flora Iranica 15: 1-21. –Graz: Academische Druck und Verlagsantalt.

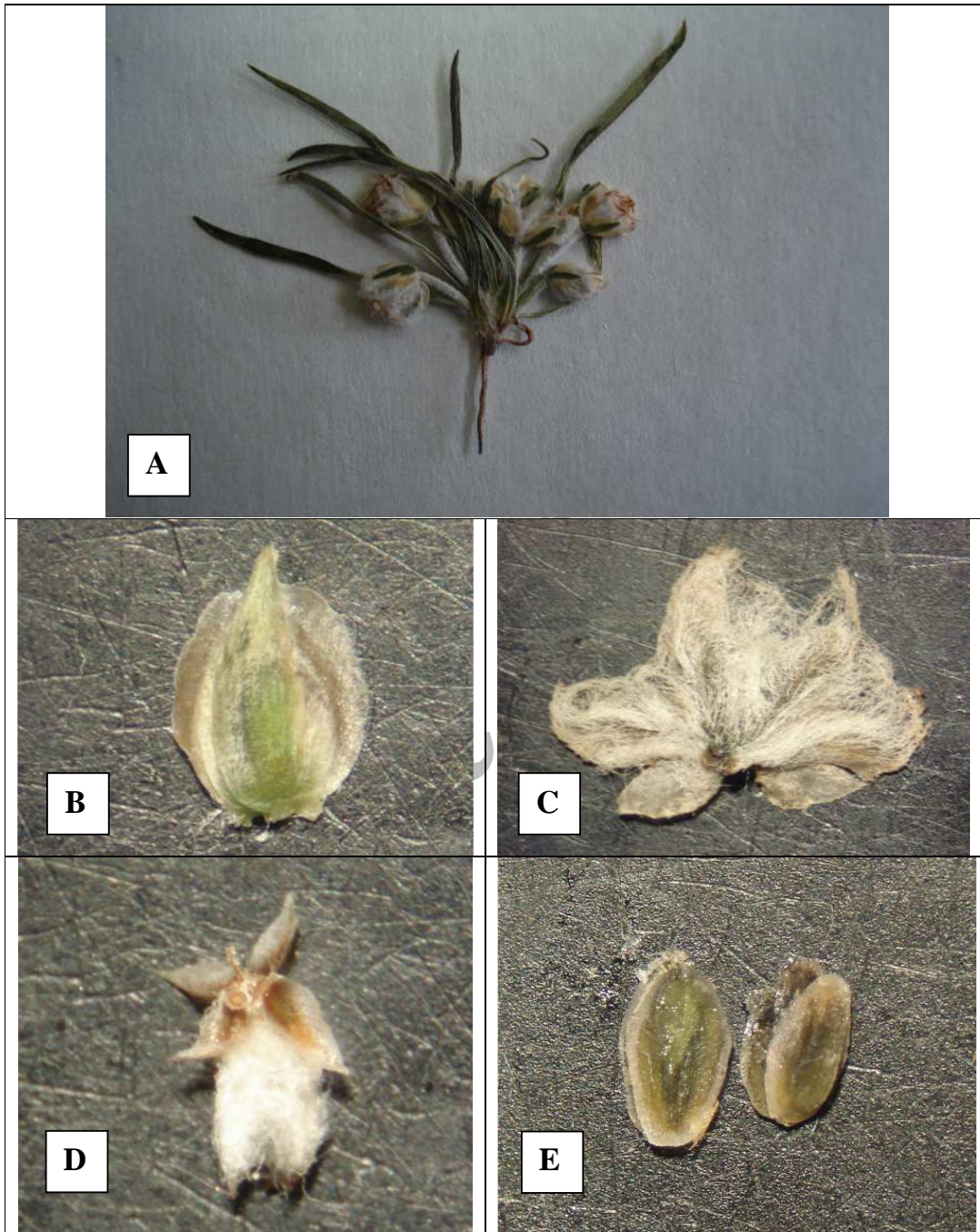


Fig. 1. *Plantago lachnantha*. – A: habit, B: bract, C: sepals, D: corolla, E: seeds.