

S. minutus DC. — H., Sierra Morena, Santa Eléna, in rupe humosa juxta viam ferratam.

S. nebrodensis L. *a siculo* FIORI — S., Palermo, in cultis infra montem M. Grifone.

S. præaltus BERT. — H., Sierra Nevada, loco humido ad viam supra monasterium, c. 1.500 m.

S. squalidus L. var. *glaber* UCRIA — S., Nicolosi infra montem Etna, supra oppidum, Catania.

S. Tournefortii LAP. subsp. *S. granatensis* BOISS. — H., Sierra Nevada, in glareosis in regione alpina infra Laguna de las Yeguas, c. 2.200—2.300 m.

S. vulgaris L. — H., Aranjuez prope urbem Madrid, in cultis. Sierra Morena, Santa Eléna, loco inculto juxta viam ferratam. — M., Atlas major, Amismiz, in cultis prope pagum, c. 1.000 m.

Var. *radiatus* WILLK. — H., Sierra Morena, Santa Eléna, loco inculto juxta viam ferratam.

Serratula cichoriacea DC. var. *mucronata* DESF. f. *sicula* FIORI — S., Sferracavallo prope oppidum Palermo.

Silybum marianum (L.) GÆRTN. — M., Tanger, in margine viæ.

Solidago virga aurea L. f. *alpestris* BOISS. — H., Sierra Nevada, in rupestribus siccis in regione alpina, juxta Laguna de las Yeguas, c. 2.500 m.

Soliva nasturtiifolia JUSS., DC. — *S. stolonifera* (BROT.) LOUDON — H., in terra nuda in monte Sierra de Córdoba supra oppidum Córdoba.

Sonchus acidus SCHOUSB. — M., Cap Safi prope oppidum Safi, in rupe calcarea aridissima juxta mare. Mogador, in rupe abrupta juxta flumen Oued Ksob.

S. aquatilis POURR. — H., Sierra Nevada, in margine fossæ juxta monasterium, c. 1.400 m. — M., Mogador, in ripa fluminis Oued Ksob. Atlas major, Amismiz, loco humido prope pagum, c. 1.000 m. In convalle fluminis Ait Messane, loco aquoso juxta flumen prope pagum Anferkou, c. 1.250 m. — T., Tunetia media, Deguech prope Tozeur, loco subhumido.

S. glaucescens JORD. — M., Atlas major, Amismiz, in cultis in pago, c. 1.000 m. In convalle fluminis Reraïa, in cultis juxta deversorium La bonne Auberge, prope pagum Asni, c. 1.200 m, et in declivi calcareo siccio prope pagum Asni, c. 1.250 m. Atlas medius, in querceto (*Qu. ilex*) in valle Tioumliline supra pagum Azrou, c. 1.500 m.

S. oleraceus L. — M., Mogador, in arenosis juxta flumen Oued Ksob. — T., Tunetia media, Kebilli, in cultis.

Var. *lacerus* WALLR. — M., Atlas major, in monte Djebel Amsitten, in cultis juxta Tis Rarin. Amismiz, in cultis prope pagum, c. 1.000 m.

Subsp. *S. angustissimus* n. subsp. — A typo differt: foliis læte viridibus, laciniis angustis, sublinearibus, longissimis, supremis 5—6 cm longis, 2 mm latis, integris, calathidiis angustis, parvis, 1 cm altis, 5—6 mm latis. — M., Atlas major, in convalle fluminis Reraïa, in declivi calcareo juxta rivulum exsiccato prope pagum Asni, c. 1.240 m.

Icon.: Fig. 40 b ($\frac{1}{3}$).

S. maculigerus n. sp. — Biennis, radix crassa (in speciminibus lectis usque ad 12 cm longa et 12 mm lata), folia rosulata, tenuia, læte viridia, (forma fere ut in *S. arvensis* L.), runcinata vel sinuato-pinnatifida, 12—15 cm longa, c. 3 cm lata, utrimque glandulosa, marginibus dentibus tenuibus, non cartilagineis et glandulis sat dense instructa, in pagina superiore maculis violaceo-brunneis (ut in *Hieracis* et *Taraxacis*), sat magnis \pm ornata, in nervo mediano in pagina inferiore setis mollibus \pm instructa; ceterum ignotum. — M., Atlas major, in convalle fluminis Ait Messane, loco aquoso in ripa fluminis juxta Sidi Chamarouch supra pagum Arround, c. 2.350 m.

Icon.: Fig. 37 ($\frac{1}{3}$).

Leider fand ich nur Blattrossetten. Da aber, die Blätter sehr charakteristisch sind, glaube ich, dass eine neue Art vorliegt. Die Blätter sind fast so geformt wie bei *S. arvensis* L., jedoch viel dünner, beiderseitig mit Drüsenhaaren und oben mit braunen Flecken, wie viele *Tara-*

xacum- und *Hieracium*-Arten, versehen. Die Zähne an den Blatträndern sind viel feiner und weicher als bei den anderen Arten der Gattung, welche auch niemals gefleckte Blätter haben.

S. tenerrimus L. subsp. *S. annuus* (LGE.) var. *laevigatus* LGE. — M., Mogador, in Insula Magna. Atlas major, in monte Djebel Amsitten, in rupe calcarea et in cultis juxta Tis Rarin. — T., Hammam-el-Lif prope oppidum Tunis, in cultis.

Subsp. *S. perennis* (LGE). — H., Algeciras, in convalle supra praedium Cobre.

Var. *maritimus* (BALL, Spicil.). — M., Cap Safi prope oppidum Safi, in saxosis aridissimis maritimis. Mogador, in campis arenosis juxta mare et in sterilibus in Insula Magna (var. *tuberculatus* BALL, Spicil.).

Stæhelina dubia L. — M., Atlas major, in convalle fluminis Imminen, in declivi siccissimo in monte Djebel Tihalatine, c. 1.500 m.

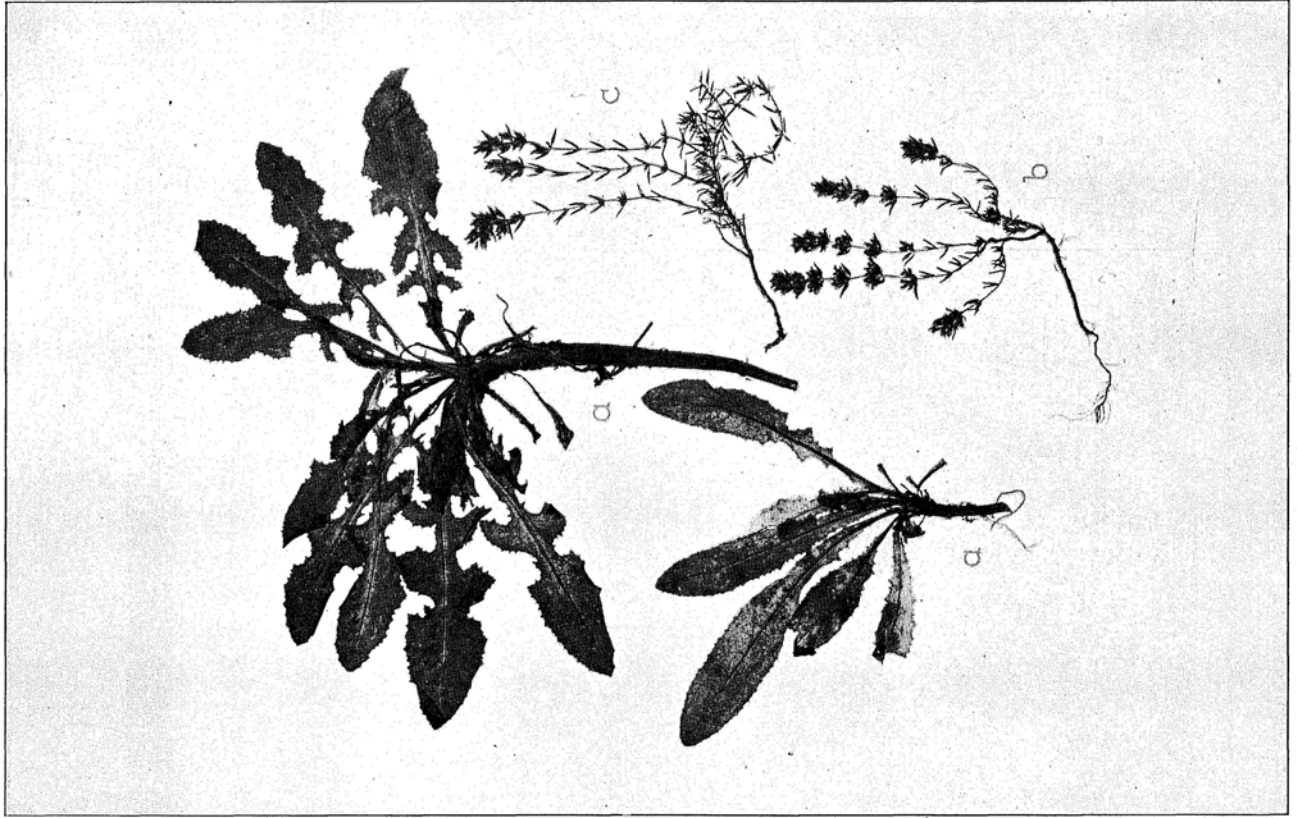
Taraxacum atlanticola n. sp. — *T. obovatum* auct. afric. p. p. — Humile, 6—10 cm altum, sat gracile; folia obscure viridia, subglabra, tantum fere in nervo utrimque parce araneosa, petiolis angustis, non coloratis, sat brevibus, lamina lobata vel rarius subintegra, lobis triangularibus, subintegris, acutis, subpatulis, interlobiis dentibus paucis, vulgo sat longis, instructis, lobo terminali vulgo hastato; scapi 1—plures, superne leviter araneosi, in statu exsiccato c. 2 mm crassi; involucrium 15—18 (20) mm longum, pruinatum; squamæ exteriores latae, vulgo apice subito angustatae, 2—3.5 mm latae, 5—7 mm longae, anguste albomarginatae et in marginibus ± breviter araneosae, subadpressae, violascentes, infimae vulgo ± corniculatae, squamæ interiores apice vulgo atrovioleae, fere semper cornibus magnis praeditae; ligulae luteae, marginales subtus stria lata, atrovioleae ornatae; antherae polliniferae; stigmata lutea; achenium fulvo-stramineum, 3.5—4.5 mm longum, 1 mm latum, superne acute spinulosum, inferne ± dense tuberculatum, in pyramidem 1—1.3 mm longam, cylindricam sat abrupte abiens, rostro 4—6 mm longo, pappo albo. A *T. obovato* (WILLD.) DC (planta hispanica), cui proximum, differt: petiolis foliorum brevioribus, lobis acutis, subrectis, subintegris subpatulisque, squamis exterioribus involucri brevioribus latioribusque, abruptius angustatis, angustius albomarginatis, marginibus distinctius araneosis, magis violaceis. — M., Atlas major, Amismiz, in declivi herbido in valle supra pagum, c. 1.500 m. In convalle fluminis Ait Messane, in declivi prope pagum Tinitine, c. 1.500 m. In declivi saxoso juxta flumen supra pagum Arround, c. 2.100 m.

Icon.: Fig. 46 c, 47 17, 19, Arround; 46 b, 47 18, Amismiz.¹⁾

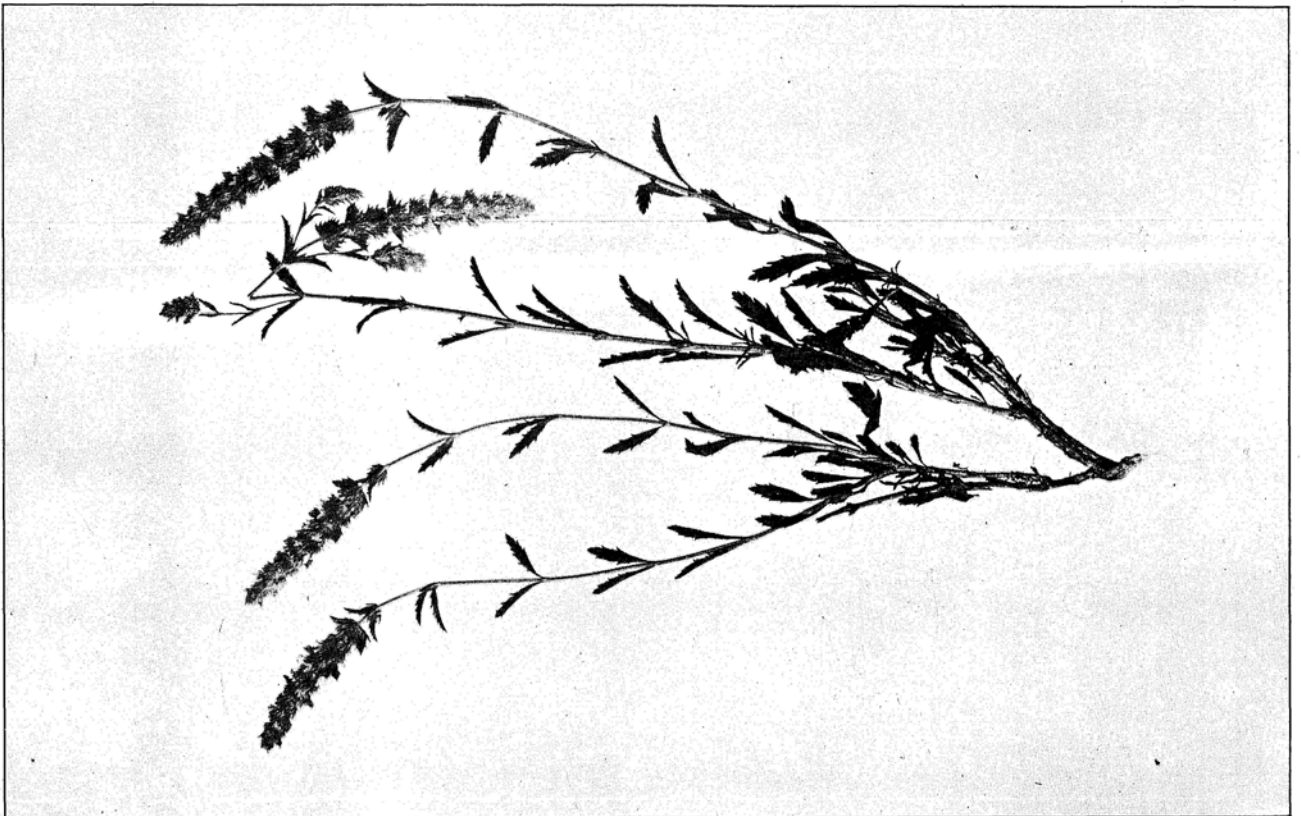
T. (Vulgaris) Atlantis majoris n. sp. — Sat robustum, 10—20 cm altum; folia laete viridia, subglabra, tantum fere in nervo utrimque parce araneosa, petiolis sat longis, angustis, non coloratis, lamina lobata, lobis acutis, longis, angustis, integris vel in margine superiore dentibus paucis instructis, subpatulis vel ± retroversis, lobo terminali longo, hastato, vulgo obtusiusculo, lobulis lateralibus acutis, patulis vel retroversis; scapi plures, leviter araneosi, in statu exsiccato 3.5—4 mm crassi; involucrium 15—22 mm longum, epruinatum; squamæ exteriores tenues, patulae, glaucae, anguste albomarginatae, ± violascentes, vulgo eorniculatae, raro cornibus parvis praeditae, 3—3.5 mm latae, c. 10 mm longae, marginibus subglabris, squamæ interiores apice sublaceratae, eorniculatae, atrovioleae; ligulae luteae, marginales subtus stria lata, atrovioleae ornatae; antherae polliniferae; stigmata lutea; achenium olivaceo-griseum, 4 mm longum, 1 mm latum, superne tuberculatum et breviter spinulosum, ceterum laeve vel raro obsolete tuberculatum, sensim in pyramidem brevem, conicam, 0.5 mm longam abiens, rostro 7—8 mm longo, pappo albo. — M., Atlas major, in convalle fluminis Ait Messane, in declivi graminoso humido juxta flumen supra pagum Arround, c. 2.100 m.

Icon.: Fig. 46 a, 47 11.

¹⁾ Plantae omnes in magn. $\frac{1}{4}$, achenia in magn. $\frac{7.5}{1}$ et $\frac{1.3}{1}$



a *Sonchus maculigerus* LINDB. FIL. (p. 169). — b *Thymus pallidus* COSS. (p. 135). — c *Th. pseudo-pallidus* LINDB. FIL. (p. 135).



Sideritis imbricata LINDB. FIL. (p. 132).