

The specimens agree well with the var. *virgata* Maxim. (l. c. 495) of this polymorphous species.

*Geogr. area:* Mongolia, Northern China, Tibet, Western Himalaya (? *S. virgata* D. C.).

***Scorzonera mongolica*** Maxim., in Bull. Acad. Imp. Pétersb. XXXII (1888) 492. Northern *Tibet*, Mandarlik, 3437 m., medio July 1900 (flowering hardly yet begun). MAXIMOVICZ mentions (l. c. 493) a »var. foliis distinctius trinerviis sensim acuminatis minusque carnosis» from Gobi, which seems to be our plant.

*Geogr. area:* Mongolia.

***Chondrilla polydichotoma*** Ostf. nov. sp. (Pl. III, Fig. 2).

Herba perennis, glaber. Caulis erectus, 35—40 cm. altus, ramosissimus ramis permultis divaricato-dichotomis. Folia basalia caulorum squamiformia; caulina inferiora brevi-oblonga basi semi-amplectante, cetera in squamis minutis triangulari-setaceis reducta. Capitula parva, 3—8-flora, subcylindrica, 8—10 mm. longa, in apicibus ramorum ultimorum pedunculata. Squamæ involucri glabræ, exteriores paucae, breves, obovatæ, interiores multo longiores oblongæ, obtusæ, margine ± membranaceo. Corollæ flavæ (?). Achenia matura non visa, immatura parva, superne vix angustata truncata, costata, subcompressa, conformia.

Ex affinitate *Ch. paucifloræ* Ledeb. et *Ch. leiospermæ* Kar. et Kir., differt ramis divaricatis, foliis basalibus caulorum squamiformibus, glabritate totius plantæ etc.

East-Turkestan, Gölme-Käti, freshwater pool at lower Tarim, 880 m.; 19th May 1900 (flow.; typus!); Camp I, Dunglik, 882 m., 1st July 1900 (flow.).

This remarkable plant has been referred to *Chondrilla* with some hesitation as the very young achenes do not show any definite character; but it has so much general likeness to *Ch. parviflora* Ledeb. in habit, shape of the heads and the involucrel bracts etc., that I think the reference is correct.

***Mulgedium tataricum*** (L.) D. C. Prodr. VII (1838) 248; Ledeb., Fl. Ross. II, 2 (1846) 842; Fedtschenko, in Acta Horti Petrop. XXI (1903) 369, XXIV (1904) 136; *Lactuca tatarica* C. A. Mey.; Stewart, in Bull. Torrey Bot. Club (1916) 647.

East-Turkestan, Lower Tarim, 830 m., summer 1900 (leafy shoots only); Camp XVI, Tuna-toghdi, eastern Tarim, 825 m., 8th June 1900 (leafy rosettes only).

*Geogr. area:* Southern Russia, Caucasus, Siberia, Afghanistan, Pamir, Turkestan, Tibet, Kansu.

***Sonchus dentatus*** Ledeb. Fl. Alt. IV (1833) 141; Icon. pl. Fl. ross. tab. 87; Fl. Ross. II, 2 (1846) 835.

Var. *tibeticus* Ostf. nov. var. Differt a typo lævitate squamarum involucri, et colore corollæ: albescente in parte majore, sed dentibus apicalibus et parte superiore inferne roseo.

Northern *Tibet*, Kash-otak, 2916 m., beginning of Aug. 1900 (flow.).



Fig. 1 *Artemisia Hedinii* Ostf. n. sp.  
 " 2 *Chondrilla polydichotoma* Ostf. n. sp.  
 " 3/4 *Incarvillea Youngusbandii* Sprague, in fruit and flower.  
 (Figs. 1, 3 and 4 nat. size; Fig. 2 about  $\frac{1}{2}$  nat. size.)