

2. Section *Kolpakowskianae* Raamsd. ex Zonn.& Veldk.

Sp. Pl. 1: 305 (1753).

Type: *Tulipa kolpakowskiana* Regel (Trudy Imp. S.-Peterburgsk. Bot. Sada 5: 266 (1877)).

1. Small plants up to 20 cm tall; leaves approximate, exceeding the flower; ovary with long style.....2
- Relatively tall plants (up to 45 cm); leaves more or less widely spaced; ovary with sessile or subsessile stigma.....3
2. Perianth segments yellowish, without basal blotch, outer ones greenish on the back, the edges of the upper half often notched, two-thirds as broad as and slightly longer than the inner segments; tunics brown or grayish, papery.....7. ***T. hissarica***
- Perianth segments white with yellow basal blotch, outer ones violet tinged on the back, up to half as long as the inner segments; bulb tunics dark brown (almost black), coriaceous.....8. ***T. korshinskyi***
3. Bulb tunics fibrous, splitting, black to tawny, prolonged to soil surface, inside densely covered with curly woolly hairs; stamens one-third to two-fifths the length of perianth; filaments black to purple4
- Bulb tunics not fibrous and splitting, black, dark brown, not prolonged (*T. scharipovii*) or slightly prolonged (if prolonged up to soil surface, in this case lined with woolly hairs at the top and glabrous below); stamens two or three times shorter than the perianth, filaments yellow.....5
4. Upper leaves exceeding or at least reaching the flower; aboveground part of the plant one-half to two-thirds as long as the underground part; perianth segments with a dark violet blotch on both faces.....2. ***T. borszczowii***
- Upper leaves do not exceed the flower; aboveground part as long as or slightly longer than the underground part; perianth segments commonly with a dark basal blotch on the inner face, rarely on both faces.....1. ***T. lehmanniana***
5. Upper part of stem and peduncle pubescent; leaves never lying on the soil surface.....4. ***T. ferganica***
- Upper part of stem and peduncle glabrous; leaves approximate (sometimes almost verticillate) and usually lying on the soil surface6
6. Bulb tunics not prolonged, coriaceous; plants of relatively slender habit; leaves narrow lanceolate, do not exceed the flower; flower pendulous in the bud, perianth segments yellow, without blotch, elliptic, at the apex obtuse or sinuate, after anthesis turn brownish in the upper part; filaments yellow, narrow triangular (dilated at the base); ovary not bottle-like; grows in piedmonts on slightly saline soils.....5. ***T. scharipovii***
- Bulb tunics usually prolonged, thin coriaceous; plants of relatively stocky habit (sometimes with almost sessile flowers); leaves usually exceeding or at least reaching the flower; perianth segments red, yellow, orange, pink or motley, acute or with a small tip at apex, sometimes obtuse; grows in foothills and mountains on gravelly and stony slopes.....7
7. Bulb tunics tough, almost scaly, dark in colour; leaves approximate to more or less widely spaced; perianth segments usually red with a small black marginless basal blotch, sometimes yellow-red or yellow, and pink colour; filaments commonly black in the lower part and purple in the upper part, sometimes entirely black or purple.....8
- Bulb tunics thin coriaceous, darkish brown in colour; leaves always almost verticillate; perianth segments yellow, reddish-orange or light red9

- 8 Perianth segments usually red with a small black marginless basal blotch, sometimes yellow-red or yellow.....3. ***T. korolkowii***
- Perianth segments pink in colour.....4. ***T. korolkowii* f. *rosea***
9. Outer petals unbent outside, inner ones are curving inwards (concave); filaments from the base with almost parallel margins, but with a slightly inflated part in the middle (bottle-shaped); ovary is pale yellow.....10
- The shape of the perianth is different, filaments with the widest part at the base; ovary is greenish.....***T. talassica***
10. Perianth segments yellow, sometimes with small brownish basal blotch; filaments yellow, brownish in their basal part; ovary pale yellow.....6. ***T. intermedia* var. *intermedia***
- Perianth reddish-orange or light red, with black or dark brown spots; filaments bicolored: pale brownish in the basal part and red or reddish in the upper part7. ***T. intermedia* var. *korolkowioides***