

Project: Cichorieae, Created by www.identificationKey.fr

Options:

sddURL=http://www.infosyslab.fr/vibrant/project/test/Cichorieae-fullSDD.xml

fewStatesCharacterFirst=false

mergeCharacterStatesIfSameDiscrimination=false

pruning=false

verbosity=hs

scoreMethod=xper

weightContext=CostEffectiveness

weightType=global

parseDuration= 0.988s

keyCreationDuration= 0.918s

- 1.1) **rosette leaves <indumentum>** | **glabrous** (items=34)
- 2.1) **growth form <general>** | **herb** (items=28)
- 3.1) **involucre <shape at (+ after) flowering>** | **campanulate** (items=10)
 - 4.1) **pappus <persistence>** | **persistent** (items=4)
 - 5.1) **outer involucral bracts <apex>** | **acute** -> *Crepis viscidula* Froel.
 - 5.2) **outer involucral bracts <apex>** | **acuminate** (items=2)
 - 6.1) **anthertube apical appendages <apex>** | **acute** -> *Crepis chondrilloides* Jacq.
 - 6.2) **anthertube apical appendages <apex>** | **obtuse** -> *Crepis baldaccii* subsp. *albanica* Jáv.
 - 5.3) **outer involucral bracts <apex>** | **obtuse** -> *Crepis aurea* (L.) Cass.
 - 4.2) **pappus <persistence>** | **caducous** (items=6)
 - 5.1) **outer involucral bracts <shape>** | **ovate** (items=3)
 - 6.1) **pappus <texture>** | **fragile** -> *Crepis bupleurifolia* (Boiss. & Kotschy) Freyn & Sint.
 - 6.2) **pappus <texture>** | **flexible** (items=2)
 - 7.1) **flowering stems <diameter (approx.)>** | **slender** -> *Crepis auriculifolia* Spreng.
 - 7.2) **flowering stems <diameter (approx.)>** | **robust** -> *Crepis achyrophoroides* Vatke
 - 5.2) **outer involucral bracts <shape>** | **obovate** -> *Crepis achyrophoroides* Vatke
 - 5.3) **outer involucral bracts <shape>** | **linear** (items=2)
 - 6.1) **pappus <colour>** | **white** -> *Crepis filiformis* Viv.
 - 6.2) **pappus <colour>** | **whitish** -> *Crepis canariensis* (Sch. Bip.) Babc.
 - 5.4) **outer involucral bracts <shape>** | **linear-ovate** (items=2)
 - 6.1) **achenes <apex>** | **attenuate** -> *Crepis auriculifolia* Spreng.
 - 6.2) **achenes <apex>** | **with a filiform beak** -> *Crepis clausonis* (Pomel) Pomel
- 3.2) **involucre <shape at (+ after) flowering>** | **cylindrical** (items=3)
 - 4.1) **pappus <persistence>** | **persistent** (items=2)
 - 5.1) **achenes <colour>** | **brown** -> *Crepis noronhaea* Babc.
 - 5.2) **achenes <colour>** | **stramineous** -> *Crepis demavendi* Bornm.
 - 4.2) **pappus <persistence>** | **caducous** -> *Crepis patula* Poir.
- 3.3) **involucre <shape at (+ after) flowering>** | **turbinate** (items=2)
 - 4.1) **flowering stems <diameter (approx.)>** | **slender** -> *Crepis noronhaea* Babc.
 - 4.2) **flowering stems <diameter (approx.)>** | **robust** -> *Crepis divaricata* (Lowe) F. W. Schultz
- 3.4) **involucre <shape at (+ after) flowering>** | **cylindric-campanulate** (items=16)
 - 4.1) **outer involucral bracts <shape>** | **ovate** (items=9)
 - 5.1) **inner involucral bracts <apex>** | **acute** (items=5)
 - 6.1) **achenes <apex>** | **attenuate** (items=3)
 - 7.1) **anthertube apical appendages <apex>** | **acute** -> *Crepis auriculifolia* Spreng.
 - 7.2) **anthertube apical appendages <apex>** | **acuminate** (items=2)
 - 8.1) **cauline leaves <base>** | **amplexicaul** -> *Crepis willemetioides* Boiss.
 - 8.2) **cauline leaves <base>** | **petiole-like attenuate** -> *Crepis leontodontoides* All.
 - 8.3) **cauline leaves <base>** | **cordate** -> *Crepis willemetioides* Boiss.
 - 6.2) **achenes <apex>** | **attenuate into an ill-defined beak** -> *Crepis leontodontoides* All.
 - 6.3) **achenes <apex>** | **with a filiform beak** -> *Crepis libyca* (Pamp.) Babc.
 - 6.4) **achenes <apex>** | **with a stout beak** -> *Crepis divaricata* (Lowe) F. W. Schultz
 - 5.2) **inner involucral bracts <apex>** | **obtuse** (items=3)
 - 6.1) **pappus <persistence>** | **persistent** -> *Crepis tingitana* Ball
 - 6.2) **pappus <persistence>** | **caducous** (items=2)
 - 7.1) **outer involucral bracts <apex>** | **acute** -> *Crepis rueppellii* Sch.Bip.
 - 7.2) **outer involucral bracts <apex>** | **subacute** -> *Crepis vesicaria* L.
 - 5.3) **inner involucral bracts <apex>** | **acuminate** (items=3)
 - 6.1) **anthertube apical appendages <apex>** | **acute** -> *Crepis auriculifolia* Spreng.
 - 6.2) **anthertube apical appendages <apex>** | **obtuse** -> *Crepis tectorum* L.
 - 6.3) **anthertube apical appendages <apex>** | **acuminate** -> *Crepis willemetioides* Boiss.
 - 4.2) **outer involucral bracts <shape>** | **ovate-oblong** -> *Crepis tectorum* L.
 - 4.3) **outer involucral bracts <shape>** | **obovate** -> *Crepis tectorum* L.
 - 4.4) **outer involucral bracts <shape>** | **elliptic** -> *Crepis tectorum* L.

- 4.5) outer involucral bracts <shape> | oblong -> *Crepis tectorum* L.
- 4.6) outer involucral bracts <shape> | linear (items=5)
 - 5.1) inner involucral bracts <apex> | acute -> *Crepis arenaria* (Pomel) Pomel
 - 5.2) inner involucral bracts <apex> | obtuse (items=3)
 - 6.1) pappus <colour> | white -> *Crepis bellidifolia* Loisel.
 - 6.2) pappus <colour> | orange-brown -> *Crepis tybakiensis* Vierh.
 - 6.3) pappus <colour> | yellowish -> *Crepis oporinoides* Froel.
 - 5.3) inner involucral bracts <apex> | acuminate -> *Crepis tectorum* L.
- 4.7) outer involucral bracts <shape> | deltoid -> *Crepis tectorum* L.
- 4.8) outer involucral bracts <shape> | triangular -> *Crepis tectorum* L.
- 4.9) outer involucral bracts <shape> | triangular-ovate (items=2)
 - 5.1) pappus <persistence> | persistent -> *Crepis atribarba* A. Heller
 - 5.2) pappus <persistence> | caducous -> *Crepis tectorum* L.
- 4.10) outer involucral bracts <shape> | linear-ovate (items=6)
 - 5.1) anthertube apical appendages <apex> | acute (items=2)
 - 6.1) achenes <apex> | attenuate -> *Crepis auriculifolia* Spreng.
 - 6.2) achenes <apex> | attenuate into an ill-defined beak -> *Crepis carbonaria* Sch. Bip.
 - 5.2) anthertube apical appendages <apex> | obtuse -> *Crepis tectorum* L.
 - 5.3) anthertube apical appendages <apex> | acuminate (items=3)
 - 6.1) inner involucral bracts <apex> | acute (items=2)
 - 7.1) cauline leaves <base> | amplexicaul -> *Crepis willemetoides* Boiss.
 - 7.2) cauline leaves <base> | petiole-like attenuate -> *Crepis leontodontoides* All.
 - 7.3) cauline leaves <base> | cordate -> *Crepis willemetoides* Boiss.
 - 6.2) inner involucral bracts <apex> | obtuse -> *Crepis carbonaria* Sch. Bip.
 - 6.3) inner involucral bracts <apex> | acuminate -> *Crepis willemetoides* Boiss.
 - 5.4) anthertube apical appendages <apex> | truncate -> *Crepis robertioides* Boiss.
- 2.2) growth form <general> | rosette herb (items=6)
 - 3.1) growth form <lifetime> | annual (items=3)
 - 4.1) receptacle <paleate or not> | with scales -> *Crepis sancta* (L.) Bornm.
 - 4.2) receptacle <paleate or not> | without scales -> *Lactuca sativa* L.
 - 4.3) receptacle <paleate or not> | naked -> *Crepis capillaris* (L.) Wallr.
 - 3.2) growth form <lifetime> | biennial (items=2)
 - 4.1) achenes <apex> | attenuate -> *Crepis capillaris* (L.) Wallr.
 - 4.2) achenes <apex> | with a filiform beak -> *Lactuca sativa* L.
 - 3.3) growth form <lifetime> | perennial (items=3)
 - 4.1) corolla <indumentum> | glabrous -> *Lactuca tetrantha* B. L. Burt & P. H. Davis
 - 4.2) corolla <indumentum> | pubescent -> *Crepis bursifolia* L.
 - 4.3) corolla <indumentum> | woolly -> *Sonchus bulbosus* (L.) N. Kilian & Greuter
- 1.2) rosette leaves <indumentum> | pubescent (items=39)
 - 2.1) outer involucral bracts <shape> | ovate (items=19)
 - 3.1) involucre <shape at (+ after) flowering> | campanulate (items=11)
 - 4.1) pappus <persistence> | persistent (items=8)
 - 5.1) achenes <colour> | brown (items=6)
 - 6.1) corolla <colour> | yellow (items=5)
 - 7.1) outer involucral bracts <apex> | acute (items=4)
 - 8.1) achenes <apex> | attenuate (items=3)
 - 9.1) achenes <compression> | compressed (items=2)
 - 10.1) achenes <surface structure> | muricate -> *Crepis alpestris* (Jacq.) Tausch
 - 10.2) achenes <surface structure> | smooth -> *Crepis viscidula* Froel.
 - 9.2) achenes <compression> | straight -> *Crepis bithynica* Boiss.
 - 9.3) achenes <compression> | dorsoventrally compressed -> *Crepis bithynica* Boiss.
 - 8.2) achenes <apex> | attenuate into an ill-defined beak -> *Crepis alpestris* (Jacq.) Tausch
 - 8.3) achenes <apex> | with a filiform beak -> *Crepis newii* subsp. *oliveriana* (Kuntze) C. Jeffrey & Beentje
 - 7.2) outer involucral bracts <apex> | acuminate -> *Crepis baldaccii* Halácsy
 - 6.2) corolla <colour> | white -> *Crepis dioritica* Boiss.
 - 5.2) achenes <colour> | brownish-yellow (items=2)
 - 6.1) anthertube apical appendages <apex> | acute -> *Crepis dioritica* Boiss.
 - 6.2) anthertube apical appendages <apex> | truncate -> *Crepis pyrenaica* (L.) Greuter
 - 5.3) achenes <colour> | greenish-yellow -> *Crepis bithynica* Boiss.
 - 5.4) achenes <colour> | reddish -> *Crepis oreades* Schrenk
 - 4.2) pappus <persistence> | caducous (items=3)
 - 5.1) achenes <apex> | attenuate -> *Crepis auriculifolia* Spreng.
 - 5.2) achenes <apex> | attenuate into an ill-defined beak -> *Crepis salzmännii* Bab.
 - 5.3) achenes <apex> | with a filiform beak -> *Crepis achyrophoroides* Vatke
 - 3.2) involucre <shape at (+ after) flowering> | cylindrical (items=3)
 - 4.1) pappus <colour> | white -> *Crepis atheniensis* Bab.
 - 4.2) pappus <colour> | yellow -> *Crepis napifera* (Franch.) Bab.
 - 4.3) pappus <colour> | greyish -> *Crepis erythia* Pau
 - 3.3) involucre <shape at (+ after) flowering> | cylindric-campanulate (items=6)
 - 4.1) anthertube apical appendages <apex> | acute (items=2)
 - 5.1) pappus <persistence> | persistent -> *Crepis rubra* L.

- 5.2) pappus <persistence> | **caducous** -> *Crepis auriculifolia* Spreng.
 - 4.2) anther tube apical appendages <apex> | **obtuse** -> *Crepis rueppellii* Sch.Bip.
 - 4.3) anther tube apical appendages <apex> | **acuminate** (items=3)
 - 5.1) achenes <colour> | **brown** (items=2)
 - 6.1) cauline leaves <base> | **amplexicaul** -> *Crepis willemetoides* Boiss.
 - 6.2) cauline leaves <base> | **petiole-like attenuate** -> *Crepis leontodontoides* All.
 - 6.3) cauline leaves <base> | **cordate** -> *Crepis willemetoides* Boiss.
 - 5.2) achenes <colour> | **stramineous** -> *Crepis elbrusensis* Boiss.
 - 5.3) achenes <colour> | **yellowish** -> *Crepis leontodontoides* All.
 - 2.2) outer involucral bracts <shape> | **obovate** -> *Crepis achyrophoroides* Vatke
 - 2.3) outer involucral bracts <shape> | **linear** (items=16)
 - 3.1) pappus <persistence> | **persistent** (items=9)
 - 4.1) achenes <apex> | **attenuate** (items=5)
 - 5.1) pappus <colour> | **white** (items=3)
 - 6.1) achenes <colour> | **brown** (items=2)
 - 7.1) achenes <surface structure> | **muricate** -> *Crepis hookeriana* Ball
 - 7.2) achenes <surface structure> | **smooth** -> *Crepis viscidula* Froel.
 - 6.2) achenes <colour> | **brownish-yellow** -> *Crepis faureliana* Maire
 - 5.2) pappus <colour> | **whitish** -> *Crepis subscaposa* Collett & Hemsl.
 - 5.3) pappus <colour> | **yellow** -> *Crepis subscaposa* Collett & Hemsl.
 - 5.4) pappus <colour> | **yellowish** -> *Crepis oporinoides* Froel.
 - 4.2) achenes <apex> | **attenuate into an ill-defined beak** (items=2)
 - 5.1) pappus <texture> | **fragile** -> *Crepis xylorrhiza* Sch. Bip.
 - 5.2) pappus <texture> | **flexible** -> *Crepis newii* Oliv. & Hiern subsp. *newii* - NUR TEIL (*Crepis bruceae* Bab.)
 - 4.3) achenes <apex> | **with a filiform beak** (items=2)
 - 5.1) anther tube apical appendages <apex> | **acute** -> *Crepis gossweileri* S. Moore
 - 5.2) anther tube apical appendages <apex> | **obtuse** -> *Crepis triasii* (Cambess.) Nyman
 - 3.2) pappus <persistence> | **caducous** (items=7)
 - 4.1) style branches <colour> | **yellow** (items=5)
 - 5.1) involucre <shape at (+ after) flowering> | **campanulate** (items=2)
 - 6.1) flowering branches <posture> | **ascending** -> *Crepis connexa* Bab.
 - 6.2) flowering branches <posture> | **remote** -> *Crepis turcica* Degen & Bald.
 - 5.2) involucre <shape at (+ after) flowering> | **cylindrical** -> *Crepis patula* Poir.
 - 5.3) involucre <shape at (+ after) flowering> | **cylindric-campanulate** (items=2)
 - 6.1) inner involucral bracts <apex> | **acute** -> *Crepis arenaria* (Pomel) Pomel
 - 6.2) inner involucral bracts <apex> | **obtuse** -> *Crepis bellidifolia* Loisel.
 - 4.2) style branches <colour> | **green** -> *Crepis muhlisii* Bab.
 - 4.3) style branches <colour> | **greenish** -> *Crepis bursifolia* L.
 - 2.4) outer involucral bracts <shape> | **deltoid** -> *Crepis viscidula* Froel.
 - 2.5) outer involucral bracts <shape> | **linear-ovate** (items=11)
 - 3.1) involucre <shape at (+ after) flowering> | **campanulate** (items=5)
 - 4.1) achenes <colour> | **brown** (items=3)
 - 5.1) pappus <persistence> | **persistent** (items=2)
 - 6.1) achenes <shape> | **cylindrical** -> *Crepis lampsanoides* (Gouan) Tausch
 - 6.2) achenes <shape> | **fusiform** -> *Crepis baldaccii* Halácsy
 - 5.2) pappus <persistence> | **caducous** -> *Crepis auriculifolia* Spreng.
 - 4.2) achenes <colour> | **brownish-yellow** -> *Crepis clausonis* (Pomel) Pomel
 - 4.3) achenes <colour> | **stramineous** -> *Crepis auriculifolia* Spreng.
 - 4.4) achenes <colour> | **orange-red** -> *Crepis auriculifolia* Spreng.
 - 4.5) achenes <colour> | **reddish** -> *Crepis oreades* Schrenk
 - 3.2) involucre <shape at (+ after) flowering> | **cylindrical** (items=2)
 - 4.1) pappus <persistence> | **persistent** -> *Crepis lampsanoides* (Gouan) Tausch
 - 4.2) pappus <persistence> | **caducous** -> *Crepis patula* Poir.
 - 3.3) involucre <shape at (+ after) flowering> | **cylindric-campanulate** (items=5)
 - 4.1) anther tube apical appendages <apex> | **acute** (items=2)
 - 5.1) pappus <persistence> | **persistent** -> *Crepis elymaitica* Bornm.
 - 5.2) pappus <persistence> | **caducous** -> *Crepis auriculifolia* Spreng.
 - 4.2) anther tube apical appendages <apex> | **acuminate** (items=2)
 - 5.1) cauline leaves <base> | **amplexicaul** -> *Crepis willemetoides* Boiss.
 - 5.2) cauline leaves <base> | **petiole-like attenuate** -> *Crepis leontodontoides* All.
 - 5.3) cauline leaves <base> | **cordate** -> *Crepis willemetoides* Boiss.
 - 4.3) anther tube apical appendages <apex> | **truncate** -> *Crepis robertioides* Boiss.
 - 3.4) involucre <shape at (+ after) flowering> | **cylindric-turbinate** -> *Crepis apula* (Fiori) Bab.
- 1.3) rosette leaves <indumentum> | **puberulous** (items=11)
 - 2.1) corolla tube <indumentum> | **glabrous** -> *Crepis insignis* Bab.
 - 2.2) corolla tube <indumentum> | **hispid** -> *Crepis alpina* L.
 - 2.3) corolla tube <indumentum> | **pubescent** (items=7)
 - 3.1) outer involucral bracts <shape> | **ovate** (items=4)
 - 4.1) growth form <lifetime> | **annual** (items=2)
 - 5.1) pappus <persistence> | **persistent** -> *Crepis alpina* L.
 - 5.2) pappus <persistence> | **caducous** -> *Crepis amplexifolia* (Godr.) Willk.

- 4.2) growth form <lifetime> | **perennial** (items=2)
 - 5.1) flowering stems <branching rate> | **weakly branched** -> *Crepis chondrilloides* Jacq.
 - 5.2) flowering stems <branching rate> | **branched** -> *Crepis libyca* (Pamp.) Bab.
- 3.2) outer involucral bracts <shape> | **linear** (items=3)
 - 4.1) pappus <persistence> | **persistent** (items=2)
 - 5.1) growth form <lifetime> | **annual** -> *Crepis nigricans* Viv.
 - 5.2) growth form <lifetime> | **perennial** -> *Crepis chondrilloides* Jacq.
 - 4.2) pappus <persistence> | **caducous** -> *Crepis filiformis* Viv.
- 3.3) outer involucral bracts <shape> | **linear-ovate** -> *Crepis aculeata* (DC.) Boiss.
- 2.4) corolla tube <indumentum> | **puberulous** (items=2)
 - 3.1) anther tube apical appendages <apex> | **acute** -> *Crepis schachtii* Bab.
 - 3.2) anther tube apical appendages <apex> | **obtuse** -> *Crepis baldaccii* subsp. *albanica* Jáv.
- 2.5) corolla tube <indumentum> | **strigose** -> *Crepis straussii* Bornm.
- 1.4) rosette leaves <indumentum> | **floccose** -> *Crepis hookeriana* Ball
- 1.5) rosette leaves <indumentum> | **woolly** (items=3)
 - 2.1) pappus <persistence> | **persistent** -> *Crepis lacera* Ten.
 - 2.2) pappus <persistence> | **caducous** (items=2)
 - 3.1) anther tube apical appendages <apex> | **acute** -> *Crepis auriculifolia* Spreng.
 - 3.2) anther tube apical appendages <apex> | **acuminate** -> *Crepis leontodontoides* All.
- 1.6) rosette leaves <indumentum> | **scabridulous** -> *Crepis urundica* Bab.
- 1.7) rosette leaves <indumentum> | **subglabrous** (items=4)
 - 2.1) rosette leaves <incision> | **lyrate** -> *Crepis foetida* L.
 - 2.2) rosette leaves <incision> | **lyrate-pinnatisect** -> *Crepis fraasii* Sch. Bip.
 - 2.3) rosette leaves <incision> | **pinnatifid** (items=2)
 - 3.1) growth form <general> | **herb** -> *Crepis foetida* L.
 - 3.2) growth form <general> | **rosette herb** -> *Hypochaeris glabra* L.
 - 2.4) rosette leaves <incision> | **runcinate** (items=2)
 - 3.1) pappus <persistence> | **persistent** -> *Crepis foetida* L.
 - 3.2) pappus <persistence> | **caducous** -> *Crepis reuteriana* Boiss.
- 1.8) rosette leaves <indumentum> | **glabrescent** (items=17)
 - 2.1) outer involucral bracts <shape> | **ovate** (items=9)
 - 3.1) cauline leaves <in outline> | **linear** (items=4)
 - 4.1) rosette leaves <margin> | **entire** -> *Crepis amplexifolia* (Godr.) Willk.
 - 4.2) rosette leaves <margin> | **ciliate** -> *Crepis amplexifolia* (Godr.) Willk.
 - 4.3) rosette leaves <margin> | **sinuate-dentate** -> *Crepis oreades* Schrenk
 - 4.4) rosette leaves <margin> | **dentate** (items=2)
 - 5.1) flowering stems <colour> | **tinged purple** -> *Crepis erythia* Pau
 - 5.2) flowering stems <colour> | **purple** -> *Crepis bakeri* Greene
 - 4.5) rosette leaves <margin> | **denticulate** -> *Crepis amplexifolia* (Godr.) Willk.
 - 3.2) cauline leaves <in outline> | **elliptic-ovate** -> *Crepis barbiger* Coville
 - 3.3) cauline leaves <in outline> | **elliptic** (items=2)
 - 4.1) outer involucral bracts <apex> | **acute** -> *Crepis viscidula* Froel.
 - 4.2) outer involucral bracts <apex> | **acuminate** -> *Crepis bakeri* Greene
 - 3.4) cauline leaves <in outline> | **oblong** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 3.5) cauline leaves <in outline> | **ovate** (items=4)
 - 4.1) pappus <persistence> | **persistent** (items=3)
 - 5.1) achenes <colour> | **brown** (items=2)
 - 6.1) achenes <surface structure> | **muricate** -> *Crepis alpestris* (Jacq.) Tausch
 - 6.2) achenes <surface structure> | **smooth** -> *Crepis viscidula* Froel.
 - 5.2) achenes <colour> | **reddish** -> *Crepis oreades* Schrenk
 - 4.2) pappus <persistence> | **caducous** -> *Crepis amplexifolia* (Godr.) Willk.
 - 3.6) cauline leaves <in outline> | **obovate** (items=3)
 - 4.1) achenes <surface structure> | **muricate** (items=2)
 - 5.1) anther tube apical appendages <apex> | **acute** -> *Crepis alpestris* (Jacq.) Tausch
 - 5.2) anther tube apical appendages <apex> | **acuminate** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 4.2) achenes <surface structure> | **smooth** -> *Crepis viscidula* Froel.
 - 3.7) cauline leaves <in outline> | **linear-ovate** -> *Crepis auriculifolia* Spreng.
 - 3.8) cauline leaves <in outline> | **oblong-ovate** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 2.2) outer involucral bracts <shape> | **oblong** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 2.3) outer involucral bracts <shape> | **linear** (items=5)
 - 3.1) flowering stems <branching rate> | **weakly branched** (items=2)
 - 4.1) achenes <surface structure> | **muricate** -> *Crepis dens-leonis* K. Koch
 - 4.2) achenes <surface structure> | **smooth** -> *Crepis viscidula* Froel.
 - 3.2) flowering stems <branching rate> | **unbranched** -> *Crepis hookeriana* Ball
 - 3.3) flowering stems <branching rate> | **branched** (items=2)
 - 4.1) pappus <texture> | **fragile** -> *Crepis athoa* Boiss.
 - 4.2) pappus <texture> | **flexible** -> *Crepis nigricans* Viv.
 - 2.4) outer involucral bracts <shape> | **deltoid** (items=2)
 - 3.1) outer involucral bracts <apex> | **acute** -> *Crepis viscidula* Froel.
 - 3.2) outer involucral bracts <apex> | **acuminate** -> *Crepis bakeri* Greene
 - 2.5) outer involucral bracts <shape> | **linear-ovate** (items=6)

- 3.1) cauline leaves <in outline> | linear (items=2)
 - 4.1) rosette leaves <margin> | sinuate-dentate -> *Crepis oreades* Schrenk
 - 4.2) rosette leaves <margin> | denticulate -> *Crepis carbonaria* Sch. Bip.
- 3.2) cauline leaves <in outline> | oblong -> *Crepis aculeata* (DC.) Boiss.
- 3.3) cauline leaves <in outline> | ovate (items=3)
 - 4.1) involucre <shape at (+ after) flowering> | campanulate -> *Crepis oreades* Schrenk
 - 4.2) involucre <shape at (+ after) flowering> | cylindrical -> *Crepis aculeata* (DC.) Boiss.
 - 4.3) involucre <shape at (+ after) flowering> | cylindric-campanulate -> *Crepis carbonaria* Sch. Bip.
- 3.4) cauline leaves <in outline> | obovate (items=2)
 - 4.1) anthertube apical appendages <apex> | acute -> *Crepis bungei* Froel.
 - 4.2) anthertube apical appendages <apex> | acuminate -> *Crepis juvenalis* (Delile) F. W. Schultz
- 3.5) cauline leaves <in outline> | linear-ovate -> *Crepis auriculifolia* Spreng.
- 1.9) rosette leaves <indumentum> | hispid (items=12)
 - 2.1) involucre <shape at (+ after) flowering> | campanulate (items=6)
 - 3.1) rosette leaves <incision> | entire -> *Crepis bithynica* Boiss.
 - 3.2) rosette leaves <incision> | lyrate-pinnatisect -> *Crepis fraasii* Sch. Bip.
 - 3.3) rosette leaves <incision> | pinnatifid (items=2)
 - 4.1) flowering stems <section> | terete -> *Crepis heterotricha* Froel.
 - 4.2) flowering stems <section> | striate -> *Crepis bithynica* Boiss.
 - 3.4) rosette leaves <incision> | pinnatisect (items=2)
 - 4.1) pappus <persistence> | persistent -> *Crepis willdenowii* Czerep.
 - 4.2) pappus <persistence> | caducous -> *Crepis amanica* Babc.
 - 3.5) rosette leaves <incision> | pinnatipartite -> *Crepis oreades* Schrenk
 - 3.6) rosette leaves <incision> | runcinate -> *Crepis oreades* Schrenk
 - 2.2) involucre <shape at (+ after) flowering> | cylindrical (items=3)
 - 3.1) pappus <persistence> | persistent (items=2)
 - 4.1) achenes <apex> | attenuate -> *Crepis barbiger* Coville
 - 4.2) achenes <apex> | with a stout beak -> *Crepis noronhaea* Babc.
 - 3.2) pappus <persistence> | caducous -> *Crepis capillaris* (L.) Wallr.
 - 2.3) involucre <shape at (+ after) flowering> | turbinate (items=3)
 - 3.1) flowering stems <section> | terete -> *Crepis noronhaea* Babc.
 - 3.2) flowering stems <section> | sulcate -> *Crepis divaricata* (Lowe) F. W. Schultz
 - 3.3) flowering stems <section> | striate -> *Crepis capillaris* (L.) Wallr.
 - 2.4) involucre <shape at (+ after) flowering> | cylindric-campanulate (items=3)
 - 3.1) outer involucral bracts <shape> | ovate -> *Crepis divaricata* (Lowe) F. W. Schultz
 - 3.2) outer involucral bracts <shape> | linear -> *Crepis lacera* Ten.
 - 3.3) outer involucral bracts <shape> | linear-ovate -> *Crepis carbonaria* Sch. Bip.
- 1.10) rosette leaves <indumentum> | hispidulous (items=14)
 - 2.1) growth form <lifetime> | annual (items=8)
 - 3.1) growth form <general> | herb (items=4)
 - 4.1) pappus <colour> | white (items=3)
 - 5.1) inner involucral bracts <indumentum> | glabrous -> *Crepis neglecta* subsp. *corymbosa* (Ten.) Nyman
 - 5.2) inner involucral bracts <indumentum> | hispid -> *Crepis suffreniana* (DC.) J. Lloyd
 - 5.3) inner involucral bracts <indumentum> | pubescent -> *Crepis foetida* L.
 - 5.4) inner involucral bracts <indumentum> | tomentose -> *Crepis suffreniana* (DC.) J. Lloyd
 - 4.2) pappus <colour> | brownish -> *Hypochaeris achyrophorus* L.
 - 3.2) growth form <general> | rosette herb (items=4)
 - 4.1) flowering stems <indumentum> | arachnoid -> *Picris pauciflora* Willd.
 - 4.2) flowering stems <indumentum> | hispidulous -> *Picris pauciflora* Willd.
 - 4.3) flowering stems <indumentum> | glabrous -> *Hypochaeris glabra* L.
 - 4.4) flowering stems <indumentum> | subglabrous -> *Crepis sancta* (L.) Bornm.
 - 4.5) flowering stems <indumentum> | glandular -> *Crepis sancta* (L.) Bornm.
 - 4.6) flowering stems <indumentum> | hispid -> *Picris rhagadioloides* (L.) Desf.
 - 2.2) growth form <lifetime> | biennial (items=2)
 - 3.1) anthertube apical appendages <apex> | acute -> *Crepis foetida* L.
 - 3.2) anthertube apical appendages <apex> | obtuse -> *Crepis ciliata* K. Koch
 - 2.3) growth form <lifetime> | perennial (items=6)
 - 3.1) involucre <shape at (+ after) flowering> | campanulate (items=4)
 - 4.1) growth form <general> | herb (items=3)
 - 5.1) pappus <persistence> | persistent (items=2)
 - 6.1) inner involucral bracts <apex> | subacute -> *Crepis foetida* L.
 - 6.2) inner involucral bracts <apex> | acuminate -> *Crepis armena* Froel.
 - 5.2) pappus <persistence> | caducous -> *Crepis reuteriana* Boiss.
 - 4.2) growth form <general> | rosette herb -> *Leontodon tuberosus* L.
 - 3.2) involucre <shape at (+ after) flowering> | cylindrical (items=3)
 - 4.1) pappus <persistence> | persistent (items=2)
 - 5.1) anthertube apical appendages <apex> | acute -> *Crepis foetida* L.
 - 5.2) anthertube apical appendages <apex> | acuminate -> *Crepis elongata* Babc.
 - 4.2) pappus <persistence> | caducous -> *Crepis reuteriana* Boiss.
 - 3.3) involucre <shape at (+ after) flowering> | cylindric-campanulate -> *Crepis tingitana* Ball
- 1.11) rosette leaves <indumentum> | tomentose (items=22)

- 2.1) involucre <shape at (+ after) flowering> | **campanulate** (items=11)
- 3.1) flowering stems <indumentum> | **pubescent** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 3.2) flowering stems <indumentum> | **puberulous** -> *Crepis turcica* Degen & Bald.
 - 3.3) flowering stems <indumentum> | **tomentose** (items=8)
 - 4.1) growth form <lifetime> | **annual** -> *Crepis insignis* Bab.
 - 4.2) growth form <lifetime> | **perennial** (items=7)
 - 5.1) flowering stems <posture> | **erect** (items=6)
 - 6.1) achenes <colour> | **brown** (items=4)
 - 7.1) inner involucre bracts <apex> | **acute** -> *Crepis turcica* Degen & Bald.
 - 7.2) inner involucre bracts <apex> | **obtuse** (items=2)
 - 8.1) outer involucre bracts <shape> | **ovate** -> *Crepis alpestris* (Jacq.) Tausch
 - 8.2) outer involucre bracts <shape> | **linear-ovate** -> *Crepis bungei* Froel.
 - 7.3) inner involucre bracts <apex> | **acuminate** -> *Crepis pantocsekii* (Vis.) Latzel
 - 6.2) achenes <colour> | **black** -> *Crepis willdenowii* Czerep.
 - 6.3) achenes <colour> | **yellow** -> *Crepis bungei* Froel.
 - 6.4) achenes <colour> | **reddish** (items=2)
 - 7.1) corolla tube <indumentum> | **glabrous** -> *Crepis bungei* Froel.
 - 7.2) corolla tube <indumentum> | **pubescent** -> *Crepis oreades* Schrenk
 - 7.3) corolla tube <indumentum> | **scabridulous** -> *Crepis bungei* Froel.
 - 5.2) flowering stems <posture> | **ascending** (items=2)
 - 6.1) receptacle <surface> | **areolate** -> *Crepis oreades* Schrenk
 - 6.2) receptacle <surface> | **shortly ciliate** -> *Crepis arcuata* Kamari & Strid
 - 3.4) flowering stems <indumentum> | **glabrous** (items=2)
 - 4.1) pappus <texture> | **fragile** -> *Crepis athoa* Boiss.
 - 4.2) pappus <texture> | **flexible** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 3.5) flowering stems <indumentum> | **glabrescent** (items=2)
 - 4.1) outer involucre bracts <shape> | **ovate** -> *Crepis alpestris* (Jacq.) Tausch
 - 4.2) outer involucre bracts <shape> | **linear-ovate** -> *Crepis bungei* Froel.
 - 3.6) flowering stems <indumentum> | **scabridulous** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 3.7) flowering stems <indumentum> | **glandular** (items=4)
 - 4.1) rosette leaves <in outline> | **oblong** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 4.2) rosette leaves <in outline> | **ovate** -> *Crepis arcuata* Kamari & Strid
 - 4.3) rosette leaves <in outline> | **obovate** (items=2)
 - 5.1) anthertube apical appendages <apex> | **acute** -> *Crepis alpestris* (Jacq.) Tausch
 - 5.2) anthertube apical appendages <apex> | **acuminate** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 4.4) rosette leaves <in outline> | **oblong-obovate** -> *Crepis alikeri* Czerep.
 - 3.8) flowering stems <indumentum> | **woolly** -> *Crepis chrysantha* (Ledeb.) Turcz.
 - 3.9) flowering stems <indumentum> | **hispid** (items=2)
 - 4.1) corolla <colour> | **yellow** -> *Crepis willdenowii* Czerep.
 - 4.2) corolla <colour> | **pink** -> *Crepis alikeri* Czerep.

2.2) involucre <shape at (+ after) flowering> | **cylindrical** (items=3)

 - 3.1) rosette leaves <in outline> | **elliptic** -> *Crepis bakeri* Greene
 - 3.2) rosette leaves <in outline> | **oblong** -> *Crepis aculeata* (DC.) Boiss.
 - 3.3) rosette leaves <in outline> | **ovate** -> *Crepis aculeata* (DC.) Boiss.
 - 3.4) rosette leaves <in outline> | **elliptic-ovate** -> *Crepis barbigeri* Coville

2.3) involucre <shape at (+ after) flowering> | **turbinate** -> *Crepis bakeri* Greene

2.4) involucre <shape at (+ after) flowering> | **cylindric-campanulate** (items=8)

 - 3.1) outer involucre bracts <shape> | **ovate** (items=3)
 - 4.1) inner involucre bracts <apex> | **acute** -> *Crepis leontodontoides* All.
 - 4.2) inner involucre bracts <apex> | **obtuse** -> *Crepis rueppellii* Sch.Bip.
 - 4.3) inner involucre bracts <apex> | **acuminate** -> *Crepis tectorum* L.
 - 3.2) outer involucre bracts <shape> | **ovate-oblong** -> *Crepis tectorum* L.
 - 3.3) outer involucre bracts <shape> | **obovate** -> *Crepis tectorum* L.
 - 3.4) outer involucre bracts <shape> | **elliptic** -> *Crepis tectorum* L.
 - 3.5) outer involucre bracts <shape> | **oblong** -> *Crepis tectorum* L.
 - 3.6) outer involucre bracts <shape> | **linear** (items=2)
 - 4.1) pappus <persistence> | **persistent** -> *Crepis lacera* Ten.
 - 4.2) pappus <persistence> | **caducous** -> *Crepis tectorum* L.
 - 3.7) outer involucre bracts <shape> | **deltoid** -> *Crepis tectorum* L.
 - 3.8) outer involucre bracts <shape> | **triangular** -> *Crepis tectorum* L.
 - 3.9) outer involucre bracts <shape> | **triangular-ovate** (items=3)
 - 4.1) pappus <persistence> | **persistent** (items=2)
 - 5.1) cauline leaves <in outline> | **linear** -> *Crepis atribarba* A. Heller
 - 5.2) cauline leaves <in outline> | **elliptic-ovate** -> *Crepis acuminata* Nutt.
 - 5.3) cauline leaves <in outline> | **ovate** -> *Crepis atribarba* A. Heller
 - 4.2) pappus <persistence> | **caducous** -> *Crepis tectorum* L.
 - 3.10) outer involucre bracts <shape> | **linear-ovate** (items=4)
 - 4.1) anthertube apical appendages <apex> | **obtuse** -> *Crepis tectorum* L.
 - 4.2) anthertube apical appendages <apex> | **acuminate** (items=2)
 - 5.1) pappus <persistence> | **persistent** -> *Crepis juvenalis* (Delile) F. W. Schultz
 - 5.2) pappus <persistence> | **caducous** -> *Crepis leontodontoides* All.

- 4.3) anthertube apical appendages <apex> | truncate -> *Crepis robertioides* Boiss.
- 1.12) rosette leaves <indumentum> | hirsute -> *Crepis vesicaria* L.
- 1.13) rosette leaves <indumentum> | glandular (items=22)
 - 2.1) outer involucral bracts <shape> | ovate (items=11)
 - 3.1) involucre <shape at (+ after) flowering> | campanulate (items=9)
 - 4.1) inner involucral bracts <shape> | ovate (items=8)
 - 5.1) inner involucral bracts <apex> | acute (items=6)
 - 6.1) pappus <persistence> | persistent (items=5)
 - 7.1) corolla <colour> | yellow (items=4)
 - 8.1) outer involucral bracts <apex> | acute (items=3)
 - 9.1) corolla tube <indumentum> | pubescent (items=2)
 - 10.1) achenes <epidermis/indumentum> | glabrous -> *Crepis bithynica* Boiss.
 - 10.2) achenes <epidermis/indumentum> | pilose -> *Crepis oreades* Schrenk
 - 9.2) corolla tube <indumentum> | puberulous -> *Crepis schachtii* Bab.
 - 8.2) outer involucral bracts <apex> | acuminate -> *Crepis baldaccii* Halácsy
 - 7.2) corolla <colour> | white -> *Crepis dioritica* Boiss.
 - 6.2) pappus <persistence> | caducous -> *Crepis auriculifolia* Spreng.
 - 5.2) inner involucral bracts <apex> | obtuse (items=2)
 - 6.1) achenes <colour> | brown -> *Crepis alpestris* (Jacq.) Tausch
 - 6.2) achenes <colour> | reddish -> *Crepis oreades* Schrenk
 - 5.3) inner involucral bracts <apex> | acuminate (items=5)
 - 6.1) pappus <persistence> | persistent (items=4)
 - 7.1) corolla tube <indumentum> | pubescent (items=3)
 - 8.1) corolla <colour> | yellow (items=2)
 - 9.1) outer involucral bracts <apex> | acute -> *Crepis armena* Froel.
 - 9.2) outer involucral bracts <apex> | acuminate -> *Crepis baldaccii* Halácsy
 - 9.3) outer involucral bracts <apex> | obtuse -> *Crepis armena* Froel.
 - 8.2) corolla <colour> | white -> *Crepis dioritica* Boiss.
 - 7.2) corolla tube <indumentum> | puberulous -> *Crepis schachtii* Bab.
 - 6.2) pappus <persistence> | caducous -> *Crepis auriculifolia* Spreng.
 - 4.2) inner involucral bracts <shape> | ovate-oblong (items=2)
 - 5.1) receptacle <surface> | areolate -> *Crepis oreades* Schrenk
 - 5.2) receptacle <surface> | shortly ciliate -> *Crepis arcuata* Kamari & Strid
 - 3.2) involucre <shape at (+ after) flowering> | cylindric-campanulate (items=2)
 - 4.1) anthertube apical appendages <apex> | acute -> *Crepis auriculifolia* Spreng.
 - 4.2) anthertube apical appendages <apex> | obtuse -> *Crepis rueppellii* Sch.Bip.
 - 3.3) involucre <shape at (+ after) flowering> | cylindric-turbinate -> *Crepis alpina* L.
 - 2.2) outer involucral bracts <shape> | linear (items=9)
 - 3.1) flowering stems <indumentum> | pilose -> *Crepis newii* Oliv. & Hiern subsp. *newii* - NUR TEIL (*Crepis bruceae* Bab.)
 - 3.2) flowering stems <indumentum> | pubescent (items=3)
 - 4.1) involucre <shape at (+ after) flowering> | campanulate (items=2)
 - 5.1) flowering stems <solidity> | hollow -> *Crepis newii* Oliv. & Hiern subsp. *newii* - NUR TEIL (*Crepis bruceae* Bab.)
 - 5.2) flowering stems <solidity> | medullary -> *Crepis subscaposa* Collett & Hemsl.
 - 4.2) involucre <shape at (+ after) flowering> | cylindric-campanulate -> *Crepis faureliana* Maire
 - 3.3) flowering stems <indumentum> | puberulous -> *Crepis turcica* Degen & Bald.
 - 3.4) flowering stems <indumentum> | tomentose (items=5)
 - 4.1) receptacle <surface> | alveolate (items=2)
 - 5.1) pappus <persistence> | persistent -> *Crepis faureliana* Maire
 - 5.2) pappus <persistence> | caducous -> *Crepis turcica* Degen & Bald.
 - 4.2) receptacle <surface> | areolate (items=2)
 - 5.1) inner involucral bracts <apex> | acute -> *Crepis urundica* Bab.
 - 5.2) inner involucral bracts <apex> | obtuse -> *Crepis subscaposa* Collett & Hemsl.
 - 4.3) receptacle <surface> | shortly ciliate (items=3)
 - 5.1) inner involucral bracts <shape> | ovate (items=2)
 - 6.1) pappus <persistence> | persistent -> *Crepis faureliana* Maire
 - 6.2) pappus <persistence> | caducous -> *Crepis turcica* Degen & Bald.
 - 5.2) inner involucral bracts <shape> | ovate-oblong -> *Crepis arcuata* Kamari & Strid
 - 3.5) flowering stems <indumentum> | floccose -> *Crepis hookeriana* Ball
 - 3.6) flowering stems <indumentum> | glabrous (items=2)
 - 4.1) pappus <persistence> | persistent -> *Crepis oporinoides* Froel.
 - 4.2) pappus <persistence> | caducous -> *Crepis connexa* Bab.
 - 3.7) flowering stems <indumentum> | glabrescent (items=2)
 - 4.1) flowering stems <branching rate> | weakly branched -> *Crepis subscaposa* Collett & Hemsl.
 - 4.2) flowering stems <branching rate> | unbranched -> *Crepis hookeriana* Ball
 - 3.8) flowering stems <indumentum> | glandular (items=5)
 - 4.1) involucre <shape at (+ after) flowering> | campanulate (items=4)
 - 5.1) inner involucral bracts <shape> | ovate (items=3)
 - 6.1) cauline leaves <apex> | acute -> *Crepis newii* Oliv. & Hiern subsp. *newii* - NUR TEIL (*Crepis bruceae* Bab.)
 - 6.2) cauline leaves <apex> | acuminate -> *Crepis subscaposa* Collett & Hemsl.
 - 6.3) cauline leaves <apex> | obtuse -> *Crepis urundica* Bab.
 - 5.2) inner involucral bracts <shape> | ovate-oblong -> *Crepis arcuata* Kamari & Strid

- 4.2) involucre <shape at (+ after) flowering> | **cyindric-campanulate** -> *Crepis faureliana* Maire
- 3.9) flowering stems <indumentum> | **hispid** -> *Crepis urundica* Babc.
- 2.3) outer involucral bracts <shape> | **linear-ovate** (items=6)
- 3.1) involucre <shape at (+ after) flowering> | **campanulate** (items=3)
 - 4.1) pappus <persistence> | **persistent** (items=2)
 - 5.1) achenes <colour> | **brown** -> *Crepis baldaccii* Halácsy
 - 5.2) achenes <colour> | **reddish** -> *Crepis oreades* Schrenk
 - 4.2) pappus <persistence> | **caducous** -> *Crepis auriculifolia* Spreng.
- 3.2) involucre <shape at (+ after) flowering> | **cyindric-campanulate** (items=3)
 - 4.1) pappus <persistence> | **persistent** (items=2)
 - 5.1) achenes <apex> | **attenuate** -> *Crepis robertioides* Boiss.
 - 5.2) achenes <apex> | **with a filiiform beak** -> *Crepis elymaitica* Bornm.
 - 4.2) pappus <persistence> | **caducous** -> *Crepis auriculifolia* Spreng.
- 3.3) involucre <shape at (+ after) flowering> | **cyindric-turbinate** -> *Crepis apula* (Fiori) Babc.
- 1.14) rosette leaves <indumentum> | **pilose** -> *Crepis fraasii* Sch. Bip.

STATISTICS

| Taxon | Number of paths leading to taxon | Length of the shortest path leading to taxon | Average length of paths leading to taxon | Length of the longest path leading to taxon |
|--|----------------------------------|--|--|---|
| Lactuca tetrantha B. L. Burt & P. H. Davis | 6 | 4 | 4.0 | 4 |
| Lactuca viminea (L.) J. Presl & C. Presl | 0 | 0 | 0.0 | 0 |
| Lactuca triquetra (Labill.) Boiss. | 0 | 0 | 0.0 | 0 |
| Crepis pulchra L. | 0 | 0 | 0.0 | 0 |
| Chondrilla juncea L. | 0 | 0 | 0.0 | 0 |
| Crepis paludosa (L.) Moench | 0 | 0 | 0.0 | 0 |
| Lactuca serriola L. | 0 | 0 | 0.0 | 0 |
| Sonchus bulbosus (L.) N. Kilian & Greuter | 6 | 4 | 4.0 | 4 |
| Lactuca cyprica (Rech. f.) N. Kilian & Greuter | 0 | 0 | 0.0 | 0 |
| Cichorium endivia L. | 0 | 0 | 0.0 | 0 |
| Cichorium intybus L. | 0 | 0 | 0.0 | 0 |
| Cichorium spinosum L. | 0 | 0 | 0.0 | 0 |
| Crepis aspera L. | 0 | 0 | 0.0 | 0 |
| Crepis foetida L. | 42 | 2 | 3.857 | 6 |
| Crepis fraasii Sch. Bip. | 18 | 1 | 2.0 | 3 |
| Crepis micrantha Czerep. | 0 | 0 | 0.0 | 0 |
| Crepis palaestina (Boiss.) Bornm. | 0 | 0 | 0.0 | 0 |
| Crepis reuteriana Boiss. | 18 | 3 | 4.0 | 5 |
| Crepis sancta (L.) Bornm. | 18 | 4 | 4.0 | 4 |
| Crepis zacintha (L.) Loisel. | 0 | 0 | 0.0 | 0 |
| Geropogon hybridus (L.) Sch. Bip. | 0 | 0 | 0.0 | 0 |
| Helminthotheca echioides (L.) Holub | 0 | 0 | 0.0 | 0 |
| Hypochaeris achyrophorus L. | 6 | 4 | 4.0 | 4 |
| Hypochaeris glabra L. | 12 | 3 | 3.5 | 4 |

| | | | | |
|---|-----|---|-------|---|
| Lactuca saligna L. | 0 | 0 | 0.0 | 0 |
| Launaea fragilis (Asso) Pau | 0 | 0 | 0.0 | 0 |
| Leontodon tuberosus L. | 6 | 4 | 4.0 | 4 |
| Picris rhagadioloides (L.) Desf. | 6 | 4 | 4.0 | 4 |
| Picris cyprica Lack | 0 | 0 | 0.0 | 0 |
| Picris pauciflora Willd. | 12 | 4 | 4.0 | 4 |
| Scolymus hispanicus L. | 0 | 0 | 0.0 | 0 |
| Scolymus maculatus L. | 0 | 0 | 0.0 | 0 |
| Scorzonera troodea Boiss. | 0 | 0 | 0.0 | 0 |
| Sonchus asper (L.) Hill | 0 | 0 | 0.0 | 0 |
| Sonchus oleraceus L. | 0 | 0 | 0.0 | 0 |
| Sonchus tenerrimus L. | 0 | 0 | 0.0 | 0 |
| Lactuca tuberosa Jacq. | 0 | 0 | 0.0 | 0 |
| Tolpis virgata (Desf.) Bertol. | 0 | 0 | 0.0 | 0 |
| Podospermum canum C. A. Mey. | 0 | 0 | 0.0 | 0 |
| Tolpis barbata (L.) Gaertn. | 0 | 0 | 0.0 | 0 |
| Tragopogon porrifolius L. | 0 | 0 | 0.0 | 0 |
| Urospermum picroides (L.) F. W. Schmidt | 0 | 0 | 0.0 | 0 |
| Crepis tectorum L. | 120 | 3 | 3.95 | 6 |
| Crepis biennis L. | 0 | 0 | 0.0 | 0 |
| Crepis capillaris (L.) Wallr. | 24 | 3 | 3.5 | 4 |
| Crepis nicaeensis Pers. | 0 | 0 | 0.0 | 0 |
| Crepis rubra L. | 6 | 5 | 5.0 | 5 |
| Crepis setosa Haller f. | 0 | 0 | 0.0 | 0 |
| Crepis vesicaria L. | 12 | 1 | 4.0 | 7 |
| Crepis bursifolia L. | 12 | 4 | 4.0 | 4 |
| Lactuca sativa L. | 12 | 4 | 4.0 | 4 |
| Askellia pygmaea (Ledeb.) Sennikov | 0 | 0 | 0.0 | 0 |
| Askellia elegans (Hook.) W. A. Weber | 0 | 0 | 0.0 | 0 |
| Crepis rueppellii Sch.Bip. | 24 | 4 | 4.75 | 7 |
| Crepis baldaccii subsp. albanica Jáv. | 12 | 3 | 4.5 | 6 |
| Crepis albida Vill. | 0 | 0 | 0.0 | 0 |
| Crepis dioritica Boiss. | 24 | 6 | 6.75 | 8 |
| Crepis amplexifolia (Godr.) Willk. | 30 | 4 | 4.2 | 5 |
| Crepis apula (Fiori) Babç. | 12 | 3 | 3.0 | 3 |
| Crepis atheniensis Babç. | 6 | 4 | 4.0 | 4 |
| Crepis auriculifolia Spreng. | 114 | 3 | 4.895 | 7 |

| | | | | |
|---|----|---|-------|----|
| Crepis balliana Babc. | 0 | 0 | 0.0 | 0 |
| Crepis bellidifolia Loisel. | 12 | 6 | 6.0 | 6 |
| Crepis bertiscea Jáv. | 0 | 0 | 0.0 | 0 |
| Crepis pyrenaica (L.) Greuter | 6 | 6 | 6.0 | 6 |
| Crepis bodinieri H. Lév. | 0 | 0 | 0.0 | 0 |
| Crepis erythia Pau | 12 | 4 | 4.5 | 5 |
| Crepis newii Oliv. & Hiern subsp. newii - NUR TEIL (Crepis bruceae Babc.) | 24 | 3 | 4.75 | 6 |
| Crepis canariensis (Sch. Bip.) Babc. | 6 | 6 | 6.0 | 6 |
| Crepis chloroclada Colett & Hemsl. | 0 | 0 | 0.0 | 0 |
| Crepis claryi Batt. | 0 | 0 | 0.0 | 0 |
| Crepis newii subsp. oliveriana (Kuntze) C. Jeffrey & Beentje | 6 | 8 | 8.0 | 8 |
| Crepis chondrilloides Jacq. | 18 | 5 | 5.333 | 6 |
| Crepis clausonis (Pomel) Pomel | 12 | 4 | 5.0 | 6 |
| Crepis connexa Babc. | 12 | 4 | 5.0 | 6 |
| Crepis neglecta subsp. corymbosa (Ten.) Nyman | 6 | 5 | 5.0 | 5 |
| Crepis demavendi Bornm. | 6 | 5 | 5.0 | 5 |
| Crepis oreades Schrenk | 84 | 3 | 5.071 | 10 |
| Crepis dens-leonis K. Koch | 6 | 4 | 4.0 | 4 |
| Crepis divaricata (Lowe) F. W. Schultz | 24 | 3 | 4.0 | 6 |
| Crepis elbrusensis Boiss. | 6 | 5 | 5.0 | 5 |
| Crepis elongata Babc. | 6 | 5 | 5.0 | 5 |
| Crepis elymaitica Bornm. | 12 | 5 | 5.0 | 5 |
| Crepis faureliana Maire | 30 | 4 | 5.0 | 6 |
| Crepis filiformis Viv. | 12 | 4 | 5.0 | 6 |
| Crepis gossweileri S. Moore | 6 | 5 | 5.0 | 5 |
| Crepis heterotricha Froel. | 6 | 4 | 4.0 | 4 |
| Crepis hookeriana Ball | 30 | 1 | 3.6 | 7 |
| Crepis insignis Babc. | 12 | 2 | 3.0 | 4 |
| Crepis juvenalis (Delile) F. W. Schultz | 12 | 4 | 4.5 | 5 |
| Crepis lampsanoides (Gouan) Tausch | 12 | 4 | 5.0 | 6 |
| Crepis lacera Ten. | 18 | 2 | 3.0 | 4 |
| Crepis leontodontoides All. | 54 | 3 | 5.444 | 8 |
| Crepis libyca (Pamp.) Babc. | 12 | 5 | 5.5 | 6 |

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|---------------------------------------|----|---|-------|----|
| Crepis lignea (Vaniot)
Babc. | 0 | 0 | 0.0 | 0 |
| Crepis muhlisii Babc. | 6 | 4 | 4.0 | 4 |
| Crepis napifera (Franch.)
Babc. | 6 | 4 | 4.0 | 4 |
| Crepis nigricans Viv. | 12 | 4 | 4.5 | 5 |
| Crepis noronhaea Babc. | 24 | 3 | 4.0 | 5 |
| Crepis oporinoides Froel. | 18 | 4 | 5.0 | 6 |
| Crepis pantocsekii (Vis.)
Latzel | 6 | 7 | 7.0 | 7 |
| Crepis patula Poir. | 18 | 4 | 4.333 | 5 |
| Crepis phoenix Dunn
##fehlt noch | 0 | 0 | 0.0 | 0 |
| Crepis robertioides Boiss. | 24 | 4 | 4.5 | 5 |
| Crepis rigescens Diels | 0 | 0 | 0.0 | 0 |
| Crepis salzmännii Babc. | 6 | 5 | 5.0 | 5 |
| Crepis schachtii Babc. | 18 | 3 | 6.333 | 9 |
| Crepis straussii Bornm. | 6 | 2 | 2.0 | 2 |
| Crepis subscaposa Collett
& Hemsl. | 36 | 4 | 5.0 | 6 |
| Crepis suffreniana (DC.) J.
Lloyd | 12 | 5 | 5.0 | 5 |
| Crepis tingitana Ball | 12 | 3 | 4.5 | 6 |
| Crepis triasii (Cambess.)
Nyman | 6 | 5 | 5.0 | 5 |
| Crepis turcomanica
Krasch. | 0 | 0 | 0.0 | 0 |
| Crepis tybakiensis Vierh. | 6 | 6 | 6.0 | 6 |
| Crepis urundica Babc. | 24 | 1 | 3.75 | 6 |
| Crepis viscidula Froel. | 54 | 2 | 5.0 | 10 |
| Crepis willdenowii Czerep. | 18 | 4 | 4.667 | 6 |
| Crepis willemetii Boiss. | 60 | 5 | 6.4 | 8 |
| Crepis xylorrhiza Sch. Bip. | 6 | 5 | 5.0 | 5 |
| Crepis turcica Degen &
Bald. | 36 | 3 | 5.0 | 7 |
| Crepis achyrophoroides
Vatke | 24 | 2 | 4.75 | 7 |
| Crepis aculeata (DC.)
Boiss. | 30 | 3 | 3.2 | 4 |
| Crepis acuminata Nutt. | 6 | 5 | 5.0 | 5 |
| Crepis alikeri Czerep. | 12 | 4 | 4.0 | 4 |
| Crepis alpestris (Jacq.)
Tausch | 48 | 4 | 6.5 | 10 |
| Crepis alpina L. | 18 | 2 | 3.333 | 5 |
| Crepis amanica Babc. | 6 | 4 | 4.0 | 4 |
| Crepis arcuata Kamari &
Strid | 30 | 4 | 5.0 | 6 |

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|--|--------|-------|-------|-------|
| Crepis arenaria (Pomel)
Pomel | 12 | 5 | 5.5 | 6 |
| Crepis armena Froel. | 18 | 6 | 8.0 | 9 |
| Crepis athoa Boiss. | 12 | 4 | 4.0 | 4 |
| Crepis atribarba A. Heller | 18 | 5 | 5.0 | 5 |
| Crepis aurea (L.) Cass. | 6 | 5 | 5.0 | 5 |
| Crepis bakeri Greene | 30 | 2 | 3.4 | 5 |
| Crepis baldaccii Halácsy | 30 | 5 | 7.0 | 9 |
| Crepis barbiger a Coville | 18 | 3 | 3.333 | 4 |
| Crepis bithynica Boiss. | 36 | 3 | 6.667 | 10 |
| Crepis bungei Froel. | 36 | 4 | 6.0 | 8 |
| Crepis bupleurifolia (Boiss.
& Kotschy) Freyn & Sint. | 6 | 6 | 6.0 | 6 |
| Crepis carbonaria Sch.
Bip. | 30 | 3 | 4.6 | 6 |
| Crepis caucasica C. A.
Mey. | 0 | 0 | 0.0 | 0 |
| Crepis caucasigena
Czerep. | 0 | 0 | 0.0 | 0 |
| Crepis chrysantha
(Ledeb.) Turcz. | 60 | 2 | 3.5 | 5 |
| Crepis ciliata K. Koch | 6 | 3 | 3.0 | 3 |
| AVERAGE | 20.063 | 3.896 | 4.67 | 5.563 |