

Hieracium sect.

Alpestris

Property-Values in the iSpot Key that was entered by Tim Rich

Below indicate Keys with their values and species. Each item is suffixed with a sequential number, so for a given plant you can just note a list of numbers for characteristics.

2016-05-22

Character List

- Basal rosette at flowering time
- Blotching on lower stem leaves
- Flowering head diameter mm
- Height of stem in cm
- Involucral bract apex shape
- Involucral bract length mm
- Involucral bract width mm
- Involucral bracts with glandular hairs
- Involucral bracts with simple hairs
- Involucral bracts with stellate hairs
- Involucral bracts with tuft of stellate hairs at apex
- Ligules tips with simple hairs
- Lower stem with simple hairs
- Lower stem with stellate hairs
- Lower surface of middle stem leaves with simple hairs
- Lower surface of middle stem leaves with stellate hairs
- Middle stem leaves apices shape
- Middle stem leaves base shape
- Middle stem leaves shape
- Middle stem leaves toothed
- Peduncles with glandular hairs
- Peduncles with simple hairs
- Peduncles with stellate hairs
- prp
- Stem leaves change in size
- Stem leaves number
- Style colour while fresh
- Upper stem with glandular hairs
- Upper stem with simple hairs
- Upper surface of middle stem leaves with simple hairs
- Upper surface of middle stem leaves with stellate hairs

Basal rosette at flowering time [1]

absent [2]

vinicaule
subtruncatum
pugsleyi
dilectum

present; absent [3]

breve
klingrahookense

present; withering [4]

gratum
zetlandicum
mirandum
solum

present; withering; absent [5]

spenceanum
praethulense

withering; absent [6]

attenuatifolium
hethlandiae
difficile
dewari
australius
northroense
carpathicum
dovrense
amaurostictum

Blotching on lower stem leaves [7]

absent [8]

vinicaule
solum
subtruncatum
hethlandiae
dilectum
gratum
difficile
carpathicum
dovrense
spenceanum
pugsleyi
mirandum
breve
northroense
dewari
praethulense
zetlandicum
klingrahookense
attenuatifolium

present [9]

amaurostictum

present; absent [10]

australius

Flowering head diameter mm [11]

16 to 20; 21 to 25 [12]

mirandum

21 to 25 [13]

gratum

26 to 30; 16 to 20; 21 to 25 [14]

vinicaule
dewari
dovrense

26 to 30; 16 to 20; 31 to 35; 36 to 40; 21 to 25 [15]

pugsleyi

26 to 30; 31 to 35 [16]

carpathicum

26 to 30; 31 to 35; 21 to 25 [17]

northroense

26 to 30; 31 to 35; 36 to 40 [18]

breve

31 to 35 [19]

australius
spenceanum
klingrahookense

31 to 35; 36 to 40 [20]

difficile

36 to 40 [21]

dilectum
praethulense
zetlandicum
subtruncatum
hethlandiae

41 to 45 [22]

amaurostictum
solum

46 to 50 [23]

attenuatifolium

Height of stem in cm [24]

1 to 20; 21 to 40 [25]

spenceanum
gratum
zetlandicum
breve

1 to 20; 21 to 40; 41 to 60; 61 to 80 [26]

australius
klingrahookense
mirandum

101 to 120; 81 to 100; 41 to 60; 61 to 80 [27]

dewari

21 to 40; 41 to 60 [28]

dovrense
northroense
amaurostictum
pugsleyi
praethulense
solum
hethlandiae
dilectum

21 to 40; 41 to 60; 61 to 80 [29]

subtruncatum
difficile
vinicaule

21 to 40; 81 to 100; 41 to 60; 61 to 80 [30]

attenuatifolium

81 to 100; 41 to 60; 61 to 80 [31]

carpathicum

Involucral bract apex shape [32]

acuminate; obtuse; acute [33]

zetlandicum

obtuse [34]

spenceanum
dovrense
northroense
pugsleyi
dilectum
solum
praethulense
carpathicum
hethlandiae
attenuatifolium
klingrahookense
mirandum
subtruncatum
australius
vinicaule
breve

obtuse; acute [35]

gratum

obtuse; subacute [36]

dewari
amaurostictum
difficile

Involucral bract length mm [37]

9 to 10 [38]

praethulense
mirandum

9 to 10; 11 to 12 [39]

northroense
spenceanum
vinicaule
australius
dovrense
pugsleyi
hethlandiae
attenuatifolium
dilectum

9 to 10; 13 to 14; 11 to 12 [40]

solum
carpathicum

9 to 10; 7 to 8 [41]

zetlandicum
dewari
difficile

9 to 10; 7 to 8; 11 to 12 [42]

subtruncatum
breve
klingrahookense
gratum

9 to 10; 7 to 8; 13 to 14; 11 to 12 [43]

amaurostictum

Involucral bract width mm [44]

0.6 to 1.0; 1.6 to 2.0; 1.1 to 1.5 [45]

zetlandicum
difficile

1.1 to 1.5 [46]

gratum

1.6 to 2.0 [47]

klingrahookense

1.6 to 2.0; 1.1 to 1.5 [48]

carpathicum
dewari
solum
mirandum
vinicaule
australius
subtruncatum
hethlandiae
northroense
dilectum

2.1 to 2.5; 1.6 to 2.0 [49]

spenceanum
dovrense

2.1 to 2.5; 1.6 to 2.0; 1.1 to 1.5 [50]

pugsleyi
praethulense
breve
amaurostictum
attenuatifolium

Involucral bracts with glandular hairs [51]

absent; few [52]

subtruncatum

few [53]

amaurostictum

numerous [54]

australius
dovrense
vinicaule
breve
carpathicum
attenuatifolium
zetlandicum
hethlandiae
dewari

spenceanum

numerous; absent [55]

praethulense

numerous; few [56]

mirandum
klingrahookense
pugsleyi

numerous; sparse [57]

difficile

numerous; sparse; few [58]

northroense

sparse [59]

gratum
solum
dilectum

Involucral bracts with simple hairs [60]

absent; few [61]

hethlandiae
breve
praethulense
zetlandicum
subtruncatum
vinicaule
northroense

absent; sparse [62]

klingrahookense

dense [63]

carpathicum

few [64]

difficile
spenceanum
attenuatifolium
mirandum

numerous [65]

pugsleyi
dovrense
amaurostictum

numerous; absent; few [66]

australius

numerous; few [67]

dewari

numerous; sparse; few [68]

gratum
dilectum
solum

sparse [69]

Involucral bracts with stellate hairs [70]

absent; few [71]

breve

dense [72]

carpathicum

dense; sparse [73]

dewari

few [74]

australius
amaurostictum
solum
gratum
klingrahookense
spenceanum
attenuatifolium

numerous; sparse [75]

dilectum
hethlandiae

numerous; sparse; few [76]

pugsleyi

sparse [77]

northroense
dovrense
zetlandicum
difficile
praethulense
mirandum

sparse; few [78]

subtruncatum
vinicaule

Involucral bracts with tuft of stellate hairs at apex [79]

absent [80]

mirandum
northroense
zetlandicum
spenceanum
vinicaule

absent; few [81]

breve
subtruncatum
klingrahookense
pugsleyi

absent; sparse [82]

praethulense

few [83]

solum
gratum
attenuatifolium
amaurostictum
australius

numerous; absent [84]

dovrense

numerous; absent; dense [85]

carpathicum

numerous; dense [86]

dewari

numerous; sparse [87]

dilectum
hethlandiae

sparse [88]

difficile

Ligules tips with simple hairs [89]

absent [90]

dovrense
gratum
dilectum
klingrahookense
praethulense
vinicaule
australius
attenuatifolium
pugsleyi
zetlandicum
solum
spenceanum
breve
subtruncatum
difficile
hethlandiae
mirandum

present [91]

amaurostictum
carpathicum
dewari
northroense

Lower stem with simple hairs [92]

absent; few [93]

klingrahookense

dense [94]

breve

dense; sparse [95]

gratum
dovrense
australius

few [96]

solum

numerous [97]

spenceanum
zetlandicum
carpathicum
difficile
attenuatifolium

numerous; dense [98]

amaurostictum

numerous; dense; sparse [99]

dewari

numerous; few [100]

dilectum
praethulense

numerous; sparse [101]

northroense
pugsleyi
vinicaule

numerous; sparse; few [102]

subtruncatum

sparse [103]

hethlandiae
mirandum

Lower stem with stellate hairs [104]

absent [105]

solum
breve
dewari
dovrense

absent; few [106]

mirandum
carpathicum

absent; sparse [107]

zetlandicum

few [108]

spenceanum
klingrahookense
vinicaule

numerous [109]

amaurostictum

numerous; few [110]

praethulense

numerous; sparse [111]

subtruncatum
pugsleyi
hethlandiae

sparse [112]

attenuatifolium
gratum
difficile
northroense

sparse; few [113]

dilectum
australius

Lower surface of middle stem

leaves with simple hairs [114]

absent; few [115]

praethulense

absent; sparse [116]

solum
klingrahookense

numerous [117]

zetlandicum
amaurostictum
breve
pugsleyi
spenceanum
gratum
carpathicum

numerous; dense; sparse [118]

difficile

numerous; sparse [119]

dewari
northroense

numerous; sparse; few [120]

dovrense

sparse [121]

dilectum
australius
attenuatifolium
hethlandiae
mirandum
vinicaule
subtruncatum

Lower surface of middle stem leaves with stellate hairs [122]

absent [123]

amaurostictum
carpathicum
mirandum

absent; few [124]

dewari

absent; sparse [125]

breve
dilectum
zetlandicum

numerous; absent; sparse [126]

hethlandiae

numerous; sparse [127]

subtruncatum
vinicaule
attenuatifolium
northroense
pugsleyi
spenceanum

numerous; sparse; few [128]

solum

sparse [129]

australius
klingrahookense
difficile

sparse; few [130]

praethulense
gratum
dovrense

Middle stem leaves apices shape [131]

acuminate; acute [132]

zetlandicum

australius

acuminate; obtuse; acute [133]

breve

acute [134]

spenceanum
dilectum
praethulense
klingrahookense
mirandum
vinicaule
amaurostictum
northroense
attenuatifolium
pugsleyi
solum

acutely apiculate [135]

dewari

long-acute [136]

hethlandiae

long-acute; acute [137]

difficile
carpathicum

muncronulate; obtuse; acute [138]

dovrense

obtuse; acute [139]

gratum
subtruncatum

Middle stem leaves base shape [140]

amplexicaul; sessile; rounded [141]

klingrahookense

attenuate; cuneate [142]

mirandum

attenuate; sessile; rounded; semiamplexicaul [143]

hethlandiae

rounded; cuneate [144]

carpathicum
australius

rounded; semiamplexicaul [145]

praethulense

rounded; semiamplexicaul; cuneate [146]

dilectum
zetlandicum

sessile; cuneate [147]

amaurostictum

sessile; rounded [148]

difficile

sessile; rounded; cuneate [149]

difficile

sessile; rounded; cuneate [149]

solum

breve

dewari

sessile; rounded; semiamplexicaul [150]

northroense
subtruncatum
pugsleyi
dovrense

sessile; rounded; semiamplexicaul; cuneate [151]

vinicaule
gratum

sessile; semiamplexicaul; cuneate [152]

attenuatifolium
spenceanum

Middle stem leaves shape [153]

elliptical [154]

dovrense
mirandum
hethlandiae

lanceolate; elliptical [155]

praethulense
solum
difficile
dewari
amaurostictum

lanceolate; elliptical; oblong-lanceolate; crescent [156]

australius

lanceolate; linear-oblong; elliptical [157]

vinicaule

linear; linear-elliptical; linear-lanceolate [158]

klingrahookense

oblanceolate; lanceolate; linear-lanceolate [159]

northroense

oblong; elliptical [160]

dilectum

oblong; lanceolate [161]

subtruncatum

oblong; lanceolate; elliptic-oblong [162]

pugsleyi

obovate; elliptical [163]

attenuatifolium

ovate-elliptical [164]

spenceanum

ovate-lanceolate; elliptical [165]

carpathicum

ovate-lanceolate; lanceolate [166]

gratum

ovate-lanceolate; lanceolate; ovate [167]

breve

ovate-lanceolate; ovate [168]

zetlandicum

Middle stem leaves toothing [169]

dentate; denticulate [170]

dovrense

dentate; remotely denticulate [171]

difficile

denticulate [172]

northroense
subtruncatum
breve
hethlandiae

denticulate; remotely dentate [173]

dewari
carpathicum

denticulate; serrate [174]

zetlandicum

entire; dentate; remotely denticulate [175]

vinicaule

entire; denticulate [176]

pugsleyi
amaurostictum

entire; remotely denticulate [177]

klingrahookense
solum

remotely dentate [178]

mirandum

remotely denticulate [179]

spenceanum
attenuatifolium
praethulense
dilectum
australius
gratum

Peduncles with glandular hairs [180]

absent [181]

hethlandiae
dilectum

absent; few [182]

breve
subtruncatum
gratum
mirandum
solum
vinicaule
klingrahookense

few [183]

attenuatifolium
difficile
spenceanum
amaurostictum
australius
dovrense
pugsleyi
carpathicum

numerous [184]

dewari

numerous; absent [185]

praethulense

numerous; sparse [186]

zetlandicum

sparse [187]

northroense

Peduncles with simple hairs [188]

absent; few [189]

praethulense
difficile
klingrahookense
solum
hethlandiae
gratum
dilectum

absent; sparse [190]

vinicaule

few [191]

zetlandicum
carpathicum

numerous [192]

amaurostictum
breve
dewari

numerous; few [193]

pugsleyi
attenuatifolium
subtruncatum

numerous; sparse [194]

australius

numerous; sparse; few [195]

mirandum
dovrense

sparse [196]

spenceanum

sparse; few [197]

northroense

Peduncles with stellate hairs [198]

absent; dense; sparse [199]

vinicaule

dense [200]

carpathicum
dewari
difficile
amaurostictum

dense; few [201]

subtruncatum

dense; sparse [202]

australius
northroense
dilectum

numerous [203]

zetlandicum

numerous; dense [204]

gratum
pugsleyi
spenceanum
attenuatifolium
klingrahookense

numerous; dense; sparse [205]

praethulense
dovrense
mirandum

numerous; few [206]

breve

numerous; sparse [207]

hethlandiae

sparse [208]

solum

Stem leaves change in size [209]

gradual decrease upwards [210]

difficile
zetlandicum
amaurostictum
attenuatifolium
subtruncatum
breve
dilectum
spenceanum
australius
carpathicum
dovrense
solum
dewari
mirandum

gradual decrease upwards; rapid decrease upwards [211]

vinicaule
northroense

rapid decrease upwards [212]

pugsleyi
praethulense
hethlandiae
klingrahookense
gratum

Stem leaves number [213]

11 or 12; 13 or 14; 9 or 10 [214]

northroense

11 or 12; 13 or 14; 9 or 10; 15 or 16 [215]

dilectum

11 or 12; 13 or 14; 9 or 10; 15 or 16; 7 or 8; 5 or 6; 17 or 18 [216]

carpathicum

11 or 12; 13 or 14; 9 or 10; 19 or 20; 15 or 16; 17 or 18 [217]

vinicaule

11 or 12; 13 or 14; 9 or 10; 19 or 20; 15 or 16; 7 or 8; 5 or 6; 17 or 18 [218]

dewari

11 or 12; 13 or 14; 9 or 10; 7 or 8 [219]

praethulense
subtruncatum

11 or 12; 9 or 10; 7 or 8 [220]

pugsleyi

21 or 22; 11 or 12; 13 or 14; 9 or 10; 19 or 20; 15 or 16; 17 or 18 [221]

klingrahookense

3 or 4; 1 or 2 [222]

zetlandicum

3 or 4; 11 or 12; 9 or 10; 7 or 8; 5 or 6 [223]

breve

3 or 4; 5 or 6 [224]

solum
amaurostictum
gratum

3 or 4; 7 or 8; 5 or 6 [225]

difficile
spenceanum
dovrense

3 or 4; 9 or 10; 7 or 8; 5 or 6 [226]

mirandum

9 or 10; 7 or 8 [227]

attenuatifolium

9 or 10; 7 or 8; 5 or 6 [228]

australius
hethlandiae

Style colour while fresh [229]

discoloured [230]

spenceanum
gratum
carpathicum

hethlandiae
difficile
northroense
klingrahookense
mirandum
solum
breve
vinicaule
dovrense
dewari

yellow [231]

australius
attenuatifolium
pugsleyi

yellow; discoloured [232]

subtruncatum
zetlandicum
amaurostictum
dilectum
praethulense

Upper stem with glandular hairs [233]

absent [234]

hethlandiae
australius
breve
praethulense
northroense
klingrahookense
subtruncatum
spenceanum
gratum
attenuatifolium
solum
difficile
carpathicum
mirandum

present [235]

zetlandicum
dovrense
dilectum

present; absent [236]

dewari
pugsleyi
vinicaule
amaurostictum

Upper stem with simple hairs [237]

absent [238]

klingrahookense
hethlandiae
solum

present [239]

pugsleyi
mirandum
dovrense
breve
dewari
zetlandicum
amaurostictum
attenuatifolium
australius
praethulense
spenceanum
dilectum
subtruncatum

present; absent [240]

gratum
vinicaule
carpathicum
northroense
difficile

leaves with simple hairs [241]

absent [242]

dewari
carpathicum

absent; few [243]

vinicaule
dovrense
praethulense
attenuatifolium

absent; sparse [244]

subtruncatum
northroense
solum
dilectum
klingrahookense

dense; sparse [245]

difficile

numerous [246]

spenceanum
gratum
breve
amaurostictum
pugsleyi

numerous; sparse [247]

zetlandicum

sparse [248]

hethlandiae
australius
mirandum

Upper surface of middle stem leaves with stellate hairs [249]

absent [250]

amaurostictum
breve
mirandum

absent; few [251]

vinicaule
dewari

absent; sparse [252]

carpathicum
zetlandicum
dilectum
difficile

numerous; absent; sparse [253]

northroense
pugsleyi
hethlandiae
subtruncatum

numerous; sparse [254]

attenuatifolium

numerous; sparse; few [255]

solum

sparse [256]

australius
klingrahookense
spenceanum

sparse; few [257]

praethulense
dovrense
gratum