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!B @ 0 = 8 F 0 1/3

0 @ 0 < D 8 ; - Dianthus

gradinar, G 5 B 2 J @ B J : 28 < 0 9 2009 - 19:58:50

0 @ 0 < D 8 ; (Dianthus) 5 @ > 4 ? > : @ 8 B > A 5 < 5 == 8 @ 0 A B 5 = 8 O > B
A 5 < 5 9 A B 2 > 0 @ 0 < D 8 ; > 2 8 (Caryophyllaceae). 0 7 ? @ > A B @ 0 = 5 = 8 A 0
3 ; 0 2 => 2 2 @ > ? 0 8 7 8 O, : 0 B > = O : > ; : > 2 8 4 0 A 5 A @ 5 1 0 B 2
! 5 2 5 @ = 0 D @ 8 : 0, 0 5 4 8 = (Dianthus repens) - 2 A C 1 ? > ; O @ = 8 B 5 G 0 A B 8 = 0
! 5 2 5 @ = 0 < 5 @ 8 : 0. 8 4 J B 3 @ 0 4 8 = A : 8 : 0 @ 0 < D 8 ; (Dianthus caryophyllus) A 5
> B 3 ; 5 6 4 0 G 5 A B > : 0 B > 4 5 : > @ 0 B 8 2 => F 2 5 B 5.
J @ 2 > = 0 G 0 ; = 8 O B < C 5 A B 5 A B 2 5 = F 2 O B 5 A @ > 7 > 2 > B B 5 = J :, =>
? > - : J A = > A 0 ? > ; C G 5 = 8 : C ; B C @ = 8 2 8 4 > 2 5 2 4 @ C 3 8 F 2 5 B > 2 5,
2 : ; N G 8 B 5 ; => G 5 @ 2 5 = , 1 O ; , 6 J ; B 8 7 5 ; 5 = 8 : 0 2.

J ? @ 5 : 8 G 0 ? J @ 2 > = 0 G 0 ; => 8 < 5 B > : 0 @ 0 < D 8 ; 5
8 7 ? > ; 7 2 0 => A 0 <> 7 0 2 8 4 0 Dianthus caryophyllus, B > G 5 A B > A 5
C ? > B @ 5 1 O 2 0 7 0 4 @ C 3 8 2 8 4 > 2 5 Dianthus, > A > 1 5 => 7 0 3 @ 0 4 8 = A : 8
E 8 1 @ 8 4 8 < 5 6 4 C D. caryophyllus 8 4 @ C 3 8 2 8 4 > 2 5 > B @ > 4 0.

' 5 @ 2 5 = 8 O : 0 @ 0 < D 8 ; e 5 A 8 < 2 > ; = 0 8 A : @ 5 = 0 ; N 1 > 2. : > 3 >
? @ 5 4 ? > G 8 B 0 B 5, 8 < 0 B 5 B 2 J @ 4 E 0 @ 0 : B 5 @. > 8 7 1 > @ J B 2 8
> 7 = 0 G 0 2 0 A J I >, G 5 A 5 A B @ 5 < 8 B 5 : J < 0 2 0 = B N @ 8.
> G 8 B 0 B 5 ; 8 B 5 = 0 : 0 @ 0 < D 8 ; 8 2 ? 0 A B 5 ; = 8 F 2 5 B > 2 5 A 5 = C 6 4 0 O B
> B ; N 1 > 2.

= 8 < 0 2 0 9 B 5 A B 0 7 8, : > O B > > 1 8 G 0 : 0 @ 0 < D 8 ; 8 B 5 . " O ? > < 0 3 0 = 0
B 5 7 8, : > 8 B > A 5 > 1 @ J I 0 B : J < = 5 O, => : J < A > 1 A B 2 5 = 0 B 0 A 8
F 5 ; A 5 A B @ 5 < 8 1 5 7 : > ? @ > < 8 A 8, : 0 B > 1 C ; 4 > 7 5 @. 5 = 0, : > O B >
B 2 J @ 4 > 7 = 0 5 : 0 : 2 > 8 A : 0.

O : > 9 2 8 4 > 2 5:

Dianthus alpinus
Dianthus amurensis
Dianthus anatolicus
Dianthus arenarius
Dianthus armeria
Dianthus barbatus
Dianthus biflorus
Dianthus brevicaulis
Dianthus callizonus

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! B @ 0 = 8 F 0 2/3

Dianthus campestris
Dianthus capitatus
Dianthus carthusianorum
Dianthus caryophyllus - @ 0 4 8 = A : 8 : 0 @ 0 < D 8 ;
Dianthus chinensis
Dianthus cruentus
Dianthus deltoides
Dianthus erinaceus
Dianthus freynii
Dianthus fruticosus
Dianthus furcatus
Dianthus gallicus
Dianthus giganteus
Dianthus glacialis
Dianthus gracilis
Dianthus graniticus
Dianthus gratianopolitanus
Dianthus haematoxalyx
Dianthus knappii
Dianthus lusitanus
Dianthus microlepsis
Dianthus monspessulanus
Dianthus myrtinervius
Dianthus nardiformis
Dianthus nitidus
Dianthus pavonius
Dianthus petraeus
Dianthus pinifolius
Dianthus plumarius
Dianthus pungens
Dianthus repens
Dianthus scardicus
Dianthus seguieri
Dianthus simulans
Dianthus spiculifolius
Dianthus squarrosus
Dianthus subacaulis
Dianthus superbus
Dianthus sylvestris
Dianthus zonatus

0 7 2 8 2 0 B A 8 ; => @ 0 7 : ; > = 5 = 0 : > @ 5 => 2 0 A 8 A B 5 < 0. & 2 5 B > 2 5 B 5
A 0 ? @ > A B 8 8 ; 8 : 8 G 5 A B 8, A 8 ; => 0 @ > < 0 B = 8, @ 0 7 => > 1 @ 0 7 =>
> 1 0 3 @ 5 = 8 - @ > 7 > 2 8, G 5 @ 2 5 = 8, 6 J ; B 8 8 ; 8 1 5 ; 8. ! J 7 4 0 4 5 = 8 A 0
< = > 3 > E 8 1 @ 8 4 8 8 A > @ B > 2 5 A 4 @ C 3 8 1 0 3 @ 8 8 ? J A B @ 8. 0 @ 0 < D 8 ;
(0 1 > 5 C A B > 9 G 8 2 = 0 A C H 0 8 = 0 = 8 A : 8 B 5 < ? 5 @ 0 B C @ 8.
@ 5 4 ? > G 8 B 0 ; 5 : 8, => 4 > 1 @ 5 = 0 B > @ 5 = 8 ? > G 2 8. ! 5 < 5 = 0 B 0 A 5
7 0 A O 2 0 B = 0 5 B 0 ? 8 2 A 0 = 4 J G 5 B 0, 2 > @ 0 = 6 5 @ 8 8 > B 2 0 4 5 : 5 < 2 @ 8 4 >

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!B @ 0 = 8 F 0 3/3

D 5 2 @ C 0 @ 8.

B 3 ; 5 6 4 0 = 5:
> @ 5 => 2 0 B 0 A 8 A B 5 < 0 5 A @ 0 2 = 8 B 5 ; => 4 > 1 @ 5 @ 0 7 ; ; > = 5 = 0,
=> A J A A < C : 0 B 5 ; ; = 0 7 > = 0 = 0 ? > - 3 > ; O < 0 4 J ; 1 > G 8 = 0. @ 5 7
? J @ 2 0 B 0 3 > 4 8 = 0 @ 0 A B 5 = 8 O B 0 = 5 F J D B O B 8 > 1 @ 0 7 C 2 0 B A 0 < >
@ > 7 5 B : 8 > B 3 J A B > @ 0 7 ? > ; > 6 5 = 8 A 2 5 B ; > 7 5 ; 5 = 8 ; 8 A B 0.

& 2 5 B > = > A = 8 B 5 A B J 1 ; 0 A 5 > 1 @ 0 7 C 2 0 B = 0 2 B > @ 0 B 0 3 > 4 8 = 0 8
B > 3 0 2 0 = 0 7 5 < = 0 B 0 A 8 A B 5 < 0 5 A J A B 0 2 5 = 0 > B B C D 0 > B ? @ 0 2 8
A B J 1 ; 0 A ? > ; 5 3 = 0 ; 0 > A = > 2 0 , = 5 @ 0 7 ; ; > = 5 = 8 , > 1 ; 8 A B 5 = 8 ? >
F O ; 0 B 0 2 8 A > G 8 = 0.

& 2 5 B = 0 B 0 < 0 A 0 5 @ 0 7 ? > ; > 6 5 = 0 = 5 ? > A @ 5 4 A B 2 5 = > = 0 4
; 8 A B = 0 B 0 8 > 1 @ 0 7 C 2 0 ? > 2 J @ E = > A B A 3 > ; O < 0 ? ; J B = > A B 8
8 = B 5 = 7 8 2 = 0 1 0 3 @ 0.

& J D B 5 6 = 8 O B ? 5 @ 8 > 4 5 A @ 0 2 = 8 B 5 ; => : @ 0 B J : . 8 4 J B F J D B 8 ? @ 5 7
N = 8 - N ; 8.

= > 3 > 3 > 4 8 H => B @ 5 2 8 A B > @ 0 A B 5 = 8 5 . @ 0 4 8 = A : > F 2 5 B 5 7 0
> B : @ 8 B 0 ; 5 E 0 . > 4 E > 4 O I > 7 0 0 ; ? 8 = 5 C < 8.

0 7 < = > 6 0 2 0 = 5 : 0 7 < = > 6 0 2 0 = 5 B > A 5 8 7 2 J @ H 2 0 G @ 5 7
A 5 < 5 = 0 8 ? > - @ 0 4 : > 2 5 3 5 B 0 B 8 2 = > G @ 5 7 A B J 1 ; 5 = 8 @ 5 7 = 8 F 8 ,
: > 8 B > A 5 7 0 A 0 2 0 B ? @ 5 7 0 ? @ 8 ; - < 0 9 = 0 > B : @ 8 B 0 ; 5 E 0 .

@ 5 4 8 B 5 ; 8 , 1 > ; 5 A B 8 : 8 A B = 8 2 J H : 8 , 0 : 0 @ 8 , : 0 @ 0 < D 8 ; > 2 0 @ J 6 4 0 .

> ; 8 2 0 = 5 8 B > @ 5 = 5 : > ; 8 2 0 A 5 C < 5 @ 5 = > . 0 = 5 A 5 4 > ? C A : 0
7 0 4 J @ 6 0 = 5 = 0 2 > 4 0 . 0 B > @ 0 2 0 A 5 = 0 2 A 5 : 8 1 4 4 = 8 . @ C 3 8 3 @ 8 6 8 :
@ 5 F J D B 5 ; 8 B 5 F 2 5 B > 2 5 A 5 8 7 @ 0 7 2 0 B .

@ 5 ? > @ J G 8 B 5 ; => 5 7 0 A 0 6 4 0 = 5 B > = 0 ? > A B > O == > < O A B > 4 0
A 5 = 0 ? @ 0 2 8 4 > : @ 0 0 = 0 N = 8 ? @ 8 2 8 A > G 8 = 0 = 0 = > 2 8 B 5
8 = 4 8 2 8 4 8 10 - 12 A < . @ 8 ? > - : J A = > 7 0 A 0 6 4 0 = 5 = 5 A 5 > 1 @ 0 7 C 2 0 B
4 > A B 0 B J G => @ 0 7 ; ; > = 5 = 8 O 8 1 @ > O B = 0 F 2 5 B > 2 5 B 5 = 0
A ; 5 4 2 0 1 0 B 0 3 > 4 8 = 0 = 0 < 0 ; O 2 0 .