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!B @ 0 = 8 F 0 1/2

C F < 0 = 8 O - Guzmania

gradinar, A J 1 > B 0 31 < 0 @ B 2012 - 08:54:57

& J D B 5 6: O = C 0 @ 8-4 5:5<2 @ 8
! 5 < 5 9 A B 2 >: Bromeliaceae (0 = 0 = 0 A > 2 8)
> 4 8 = 0: ! @ 5 4 = 0 8 . 6 = 0 < 5 @ 8 : 0

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

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

B 3 ; 5 6 4 0 = 5:

O A B >:

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

; 0 6 = > A B 8 ? > ; 8 2 0 = 5:

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

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!B @ 0 = 8 F 0 2/2

2 5 4 = 0 3 0 7 0 3 = 8 2 0. ; 8 A B = 0 B 0 @ > 7 5 B : 0 B @ 0 1 2 0 2 8 = 0 3 8 4 0 8 < 0
? > < 0 ; : > 2 > 4 0, 0 7 0 ? > ; 8 2 0 = 5 4 0 A 5 8 7 ? > ; 7 2 0 ? >
2 J 7 < > 6 => A B D 8 ; B @ 8 @ 0 = 0 2 > 4 0 A J A A B 0 9 = 0 B 5 < ? 5 @ 0 B C @ 0.

" > @ 5 = 5:

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

0 7 < = > 6 0 2 0 = 5:

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

> ; 5 7 = 8 A J 2 5 B 8 = 0 3 @ 0 4 8 = 0 @ 0 :

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

= 5 = 8 O > B \$ > @ C < 0