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!B @ 0 = 8 F 0 1/2

0 < 8 O - Zamia

gradinar, A @ O 4 0 07 > : B > < 2 @ 8 2009 - 21:03:15

0 < 8 O B 0 (Zamia) 5 5 4 => > B = 0 9- @ 5 4 : 8 B 5 @ 0 A B 5 = 8 O = 0 5 < O B 0.
? @ 8 @ > 4 0 B 0 A 5 A @ 5 1 0 2 = O : > 8 @ 0 9 > = 8 = 0 5 : A 8 : > 8 2
N 3 > 8 7 B > G = 0 B 0 G 0 A B = 0 \$; > @ 8 4 0. > 2 J = H 5 = 2 8 4 = 0 ? > < = O
? 0 ; < 0, => 2 4 5 9 A B 2 8 B 5 ; => A B 5 > B 4 @ 5 2 = > B > A 5 < 5 9 A B 2 > = 0
A 0 3 > 2 8 B 5 (Cycadaceae). > 4 J B 2 : ; N G 2 0 4 2 0 9 A 5 B 8 = 0 2 8 4 0
3 > ; > A 5 < 5 = = 8 @ 0 A B 5 = 8 O, : > B > A 0 8 7 : ; N G 8 B 5 ; => @ 5 4 : 8
? > @ 0 4 8 ? @ 5 : ; > = 0 B 0 8 < 2 J 7 @ 0 A B - 8 A B > @ 8 O B 0 8 < 4 0 B 8 @ 0
> B ? @ 5 4 8 < 8 ; 8 > = 8 3 > 4 8 = 8.

4 5 : > @ 0 B 8 2 => B > F 2 5 B 0 @ A B 2 > A 5 A @ 5 1 0 A 0 < > 2 8 4 J B 0 ; : 0
7 0 < 8 O (Zamia pumila). " O 8 < 0 : J A (4 > 10 A <) : ; C 1 5 => 2 8 4 =>
C 4 5 1 5 ; 5 = A B 2 > ; 8 O @ : > 7 5 ; 5 = 8 : > 6 5 A B 8 ? 5 @ 5 A B 8 ; 8 A B 0.
B 4 5 ; = 8 B 5 ; 8 A B G 5 B 0 A 0 5 4 @ 8 8 7 0 : @ J 3 ; 5 = 8, ? > D > @ < 0
= 0 ? > < = O B ; J 6 8 F 0. > : @ 8 B 8 A 0 A 4 5 1 5 ; 2 > A J G 5 = A ; > 9, : > 9 B >
3 8 ? @ 5 4 ? 0 7 2 0 > B 8 7 ? 0 @ 5 = 8 5 = 0 2 ; 0 3 0 B 0, 0 > A 2 5 = B > 2 0 A 0 8
< J E 5 A B 8. 0 < 8 O B 0 5 4 2 C 4 > < = > @ 0 A B 5 = 8 5, B. 5. 8 < 0 < J 6 : 8 8
6 5 = A : 8 ? @ 5 4 A B 0 2 8 B 5 ; 8, G 8 8 B > F 2 5 B > 2 5 - H 8 H 0 @ : 8 B @ O 1 2 0 4 0 A 5
> ? @ 0 H 0 B, 7 0 4 0 A 5 ? > ; C G 0 B A 5 < 5 = 0. 4 > < 0 H = 8 C A ; > 2 8 O
7 0 < 8 O B 0 F J D B 8 8 7 : ; N G 8 B 5 ; => @ 0 4 : >, 0 7 0 > 1 @ 0 7 C @ 0 = 5 = 0
A 5 < 5 = 0 = 5 < > 6 5 4 0 A B 0 2 0' 8 4 C < 0. 0 G 5 A B 2 0 B 0, 7 0 @ 0 4 8 : > 8 B >
A 5 > B 3 ; 5 6 4 0, A 0 = 0 ? J @ 2 > < O A B > : @ 0 A > B 0 B 0 = 0 ; 8 A B 0 B 0 8
3 > ; O < 0 B 0 9 8 7 4 @ J 6 ; 8 2 > A B. 0 A B 5 B 2 J @ 4 5 1 0 2 = >, = > ? @ 8
4 > 1 @ > 3 ; 5 4 0 = 5 A B 5 G 5 = 8 5 = 0 2 @ 5 < 5 B > < > 6 5 4 0 4 > A B 8 3 = 5 1 <
= 0 2 8 A > G 8 = 0 8 H 8 @ 8 = 0.

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

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

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

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!B @ 0 = 8 F 0 2/2

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

> G 2 0 B 0 B @ 0 1 2 0 4 0 5 E @ 0 = 8 B 5 ; = 0 8 ? >- B 5 6 : 0 : 3 ; 8 = 5 A B 0
3 @ 0 4 8 = A : 0 ? @ J A B, ; 8 A B > 2 : 0, 4 > 1 @ 5 ? @ 5 3 > @ O ; B > @ 8 ? O A J : 2
@ 0 2 = 8 G 0 A B 8. ! 0 : A 8 O B 0 B @ 0 1 2 0 4 0 5 4 > 1 @ 5 4 @ 5 = 8 @ 0 = 0.

7 B > G = 8 :: 5 A B = 8 : 7 0 3 @ 0 4 8 = 0 B 0

= 5 = 8 O > B D > @ C < 0