

@ 8 A B > ; > E 8 O, 2 J ; G 0 O 1 J ; : 0 - Aristolochia

gradinar, A J 1 > B 0 14 N ; 8 2012 - 12:05:45

& J D B 5 6: N ; 8-0 2 3 C A B

! 5 < 5 9 A B 2 >: Aristolochinacea

> 4 8 = 0: @ 0 7 8 ; 8 O

" > 2 0 5 : 7 > B 8 G = > @ 0 A B 5 = 8 5 5 A 0 < > 7 0 ? > 7 = 0 2 0 G 8.

: A F 5 = B @ 8 G = 8 O B C 2 8 2 5 = E @ 0 A B 8 < 0 7 4 @ 0 2 > A B J 1 ; > 8

A J @ F 5 2 8 4 = 8 ; 8 A B 0, G 8 O B > 3 > @ = 0 A B @ 0 = 0 5 B J < = > 7 5 ; 5 = 0, 0

4 > ; = 0 B 0 - A 8 = L > 7 5 ; 5 = 0. 0 A B 5 = 8 5 B > F J D B 8 A = 5 > 1 8 G 0 9 = >

3 > ; 5 < 8, : @ 0 A 8 2 > 8 7 @ 8 A C 2 0 = 8 F 2 5 B > 2 5. " 5 8 < 0 B A B @ 0 = = 0

D C = 8 5 2 8 4 = 0 D > @ < 0 8 F J D B O B ? @ 5 7 ; O B > B > 2 B J < = > ; 8 ; 0 2 >.

I 5 ? > - A B @ 0 = 5 = 5 A 8 ; = 8 O B 0 @ > < 0 B = 0 < J @ H 0.

7 O I = 0 B 0 0 @ 8 A B > ; > E 8 O 5 2 5 G = > 7 5 ; 5 = 0 ; 8 0 = 0 > B

A 5 < 5 9 A B 2 > Aristolochiaceae, A @ > 4 8 = 0 @ 0 7 8 ; 8 O. 0 A B 5 = 8 5 B > 4 > A B 8 3 0

2 8 A > G 8 = 0 3-4 < 8 8 < 0 : > @ : > 2 8 4 = 0 4 J @ 2 5 A 8 = 0. 8 A B 0 B 0 9 A 0

3 > ; 5 < 8, A 4 J ; 6 8 = 0 > : > ; > 8 A <, > B 3 > @ 5 1 ; 5 A B O I 8

B J < = > 7 5 ; 5 = 8, > B 4 > ; C A 8 2 : 0 2 8, A J @ F 5 2 8 4 = 8, 7 0 > A B @ 5 = 8 = 0

2 J @ E 0. 7 O I = 0 B 0 0 @ 8 A B > ; > E 8 O F J D B 8 ? @ 5 7 2 B > @ 0 B 0

? > ; > 2 8 = 0 = 0 ; O B > B > A 5 4 @ 8 (4 J ; 3 8 4-5 A <) 5 4 8 = 8 G = 8 F 2 5 B > 2 5 A

< = > 3 > = 5 > 1 8 G 0 9 = 0 D > @ < 0 8 > : @ 0 A : 0 A 8 7 4 C B 0

F 8 ; 8 = 4 @ 8 G = 0 6 J ; B 5 = 8 : 0 2 0 B @ J 1 0 8 A J @ F 5 2 8 4 = 0 ? ; 0 A B 8 = : 0

= 0 > : > ; > F 2 5 B = 8 : 0. B 3 > @ 5 1 O ; 0 B 0 ? ; 0 A B 8 = : 0 5 C : @ 0 A 5 = 0 A

G 5 @ 2 5 = 8 : 0 2 8 6 8 ; : 8, 0 > B 4 > ; C A @ 0 2 = > < 5 @ = 8 ? C @ ? C @ = 8

? 5 B = 0 A 1 O ; < @ 5 6 5 A B @ 8 A C = J :.

O A B >

0 9-4 > 1 @ 5 @ 0 A B 5 = 8 5 B > 2 8 @ 5 5 2 7 8 < = 0 3 @ 0 4 8 = 0. A 2 5 = B > 2 0

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

C 2 8! 2 0 B > : > ; > ? > 4 ? > @ 0.

@ 8 6 8

J ; G 0 B 0 O 1 J ; : 0 = O < 0 ? 5 @ 8 > 4 = 0 ? > : > 9. 0 B > 2 0 A 5 ? > ; 8 2 0

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

0 7 < = > 6 0 2 0 = 5
> 6 5 4 0 A 5 @ 0 7 A 0 4 8 2 : J A = 0 ? @ > ; 5 B ? @ 8 2 8 A > : 0 2 ; 0 6 = > A B = 0
2 J 7 4 C E 0 , 0 < > 6 5 8 A @ 5 7 = 8 F 8

! J 2 5 B = 0 3 @ 0 4 8 = 0 @ O
@ 8 A B > ; > E 8 O B 0 < > 6 5 4 0 ce : C ; B 8 2 8 @ 0 8 : 0 B > 2 8 A O I >
@ 0 A B 5 = 8 5 2 3 > ; 5 < 8 : > H = 8 F 8 .