

0 < 5 ; 8 O - Camellia

gradinar, A J 1 > B 0 16 < 0 9 2009 - 14:25:35

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

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

8 4 > 2 5:

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

5 @ 8 > 4 = 0 F J D B 5 = 5:

8 < 0 B 0 8 ? @ > ; 5 B B 0.

& 2 5 B > 2 5:

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

O A B >:

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

B@O120 40 5 >:>;>20-25 3@04CA0. >-:JA=>, 4>:0B> ?J?:8B5
AJ7@O20B, =5 B@O120 40 ?@528H02015 3@04CA0, 0 ?> 2@5<5=0
FJDB560 >?B8<0;=8B5 3@04CA8 A08-10.

>G20B0 2 A0:A8OB0 B@O120 40 A5 ?>44J@60 C<5@5=> 2;06=0,
40=5 A5 4>?CA:0=8B> ?@5AJE20=5, =8B> ?@5>2;06=O20=5.
@57 78<0B0 B@O120 @54>2=> 40 A5 ?C;25@878@0B;8AB0B0 8
?J?:8B5, => F25B>25B5 B@O120 40 A5 ?07OB. >40B0 70
?>;820=5 8 ?@JA:0=5 B@O120 40 5 <5:0(4J64>2=0 8;8
A=56=0) 8;8 4>?J;=8B5;=> ><5:>B5=0.

07<=>6020=5:

!;54 ?@5FJDBO20=5B> 70?>G20 ?@5A0640=5B> 9 A @57=8F8.
0A0640=5B> =0 <;048B5 @0AB5=8O B@O120 40 AB020 >B
A@540B0=0 0?@8; 4> A@540B0=0 N=8. 5>1E>48<> 5 40 A5
87:;>?05 4C?:0, :0B> =0 4J=>B> =0 A0:A8OB0 B@O120 40 A5
=0?@028 EC102 4@5=06>B G0:J; 8;8 :5@0<78B. >G20B0
B@O120 40 5 A<5A>B @02=8 G0AB8 3@048=A:0 ?@JAB, :><?>AB 8
B>@D. >AB025B5 A0:A8OB0 =0 ?>;CAO=:0>B:J< A525@=0B0
8;8 A525@>70?04=0B0 AB@0=0=0 AB5=0B0.

">@5=5:

0AB5=85B> A5 ?>4E@0=20 ?@57 FO;0B0 3>48=0 A
87:;NG5=85=0 N;8 8 023CAB. !;54 :0B> :0<5;8OB0 ?@5FJDB8,
5 4>1@5 40 A5 ?>4E@0=8 AJA A8;=> @07@545= B>@. :@0O=0
N=8 ?>4E@0=20=5B> A5 ?@5:@0BO20.

A25B;5=85:

/@:0 A25B;8=0, => 40;5G>B ?@5:8B5 A;J=G528 ;JG8.

>;820=5:

&5;>3>48H=> A5 ?>44J@60 C<5@5=0 2;030. 7?>;7209B5
E;04:0 2>40 70 ?>;820=5. @57 N;8 8 023CAB A5 =0<0;O20
7=0G8B5;=> ?>;820=5B>, 70 40 A?@5 @0AB56JB =0 :;>=8B5 8
40 A5 70;>60B F25B=8B5 ?J?:8.

@578<C20=5:

@818@0B A5 ?@548=0ABJ?20=5=0 =>I=8 70ABC4O20=8O.
>>B20@O=5B> =0 F25B>25B5 ?> 2J7<>6=>AB 40 A5 A?0720
B5<?5@0BC@0 4>12°!, 0 ?> 2@5<5=0 FJDB560 ?>415°!. 8AB0B0
8?J?:8B5 G5AB> A5=0?@JA:20B.
>;820 A5 AJ2A5<<0;:>.
@8=5>1E>48<>AB A;54 :0B> ?@5FJDB8(=09-:JA=> 2:@0O
=0 N;8) A5 ?@5A0640.

@548B5;8, 1>;5AB8:

JH:8, @J64820 <0=0, 87?040=5=0 ;8AB0B0, 0:> 78<C20=0

<=>3> B>?;> 8;8 ?@8=5?@028;=> 3;540=5 ?@57 ;OB>B>.

5 >18G0 40 >1IC20 AJA AJA54:8B5 A8 8 G5AB> 2 1;87>AB A
4@C3> F25B5 703C120 3>;O<0 G0AB >B ?J?:8B5 8 FJDB56JB =5
5 >18;5=, :0:B> A5 >G0:20. !JI> =5 BJ@?8 40 A5 <5AB8 8
>1@JI0 A0:A8OB0 9 >A>15=> ?> 2@5<5 =0 FJDB560 9.

!J25B8:

0AB5=8OB0, :C?5=8 >B <03078=0, =5 B@O120 40 A5 2=0AOB
254=030 2 ?><5I5=85B>, =5>1E>48<> 5 40 A5 4J@60B
8725AB=> 2@5<5 =0 E;04=> <OAB> 8 G0: A;54 B>20 40 A5
A;>60B 2 AB0OB0.
71O3209B5 @578B10B0 =0 :0<5;8OB0, >A25= 0:> 5 703C18;0
4>1@0B0 A8 45:> @0B82=0 D>@<0 8;8 B@O120 40 A5 ?@5<0E=0B
1>;=8 ;>=:8.
:> ;8AB0B0 =0 :0<5;8OB0 >:0?20B. O<0 <OAB> 70
157?>:>9AB2>, 0:> B>20 AB020 2 >3@0=8G5=8 :>;8G5AB20.
:> >10G5 FO;>AB=> 6J;B5OB, :0?OB 8 F25B>25B5 A0
>A:J4=8, AB020 2J?@>A 70 E;>@>70, B>5AB =54>AB83 =0
E;>@>D8;.
!8;=> 20@>28B0 ?>G20, ?@5:0;5=> ?>;820=5 8;8 >1@0B=>,
?@>4J;68B5;=> 70ACH020=5 A0 2 >A=>20B0 =0 B>78
?@>1;5<.
@C30 2J7<>6=0 ?@8G8=0 A0 @57:8 ?@><5=8 2
B5<?5@0BC@0B0.
5038@09B5 =570102=>. 7:>@5=5B5 @0AB5=85B>,
>BAB@0=5B5 ?@JABB0 >B :>@5=8B5 8 38 87<89B5 =0 B5G010
2>40. >4@565B5 ;5:> :>@5=8B5 8 ?>>:JA5B5 ;>=:8B5.
@>25@5B5 4@5=060 8 70A045B5 >B=>2> 2 4@C30 ?@JAB.
&JDB56JB =0 :0<5;8OB0 <>65 40 A5 @53C;8@0. 0 40 A5
704J@68, 5 =5>1E>48<> =0?J?8;>B> @0AB5=85 40 A5
?@5=5A5 2 BJ<=> 8 2;06=> <075, :J45B> B5<?5@0BC@0B0 5
>:>;>8 3@04CA0, :0B> =5 701@02OB5 40 ?>;820B5. 25
A54<8F8 ?@548 65;0=8O A@>: 70 FJDB56 @0AB5=85B> B@O120
40 A5 ?@5=5A5 =0 B>?;> 8 A25B;> <OAB>.
=8:0:J2 A;CG09 :0<5;8OB0 =5 B@O120 40 A5 >AB02O 1;87> 4>
@0480B>@8B5 2:JI8.
8AB0B0 A5 ?>:@820B A G5@=8;:0, 3J18G:0, :>OB> A5 @07=0AO
>B 3JA5=8F8. 0?@JA:09B5 :0<5;8OB0 AJA A?5F80;5= 70
F5;B0 8=A5:B8F84.
J?:8B5 =0 :0<5;8OB0 ?040B, ?@548 >I5 40 A0 FJD=0;8.
@8G8=0B0 5 AJI0B0, :0B> ?@8>:0?20=5B> =0 ;8AB0B0-
;8?A0 =0 2>40 8;8 ?@5:0;5=> ?>;820=5.