

! ? 0 B 8 D 8 ; C < - Spathiphyllum

gradinar, A J 1 > B 0 20 A 5 ? B 5 < 2 @ 8 2008 - 11:43:40

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

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

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

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

> 4 8 = 0 B 0 = 0 O ; > B > D ; 0 < 8 = 3 > A 0 2 ; 0 6 = 8 B 5 B @ > ? 8 G 5 A : 8
 3 > @ 8 = 0 & 5 = B @ 0 ; = 0 8 . 6 = 0 < 5 @ 8 : 0 . > 7 = 0 B 8 A 0 36 2 8 4 0.
 0 9- 8 7 2 5 A B = 8 4 5 : > @ 0 B 8 2 = 8 2 8 4 > 2 5 A 0 S. Cannifolium, S. Floribundum, S. Heliconiifolium,
 S. Wallisii. 8 A B 0 B 0 A 0 ; J A : 0 2 8 , B J < = > 7 5 ; 5 = 8 8 A 8 7 ? J : = 0 ; 0
 A @ 5 4 = 0 6 8 ; : 0 . ! J F 2 5 B 8 O B 0 A 0 2 J 2 2 8 4 = 0 1 O ; F 8 ; 8 = 4 J @ > B
 0 @ > < 0 B = 8 F 2 5 B G 5 B 0 , > 1 3 J @ = 0 B > B 1 O ; ? @ 8 F 2 5 B = 8 : . & J 2 B 8
 ? @ 5 7 ? @ > ; 5 B B 0 , = > ? > = O : > 3 0 8 ? @ 5 7 5 A 5 = B 0 . & 2 5 B J B 5 B @ 0 5 = -
 4 > = O : > ; : > A 5 4 < 8 F 8 . ? 5 G 0 B ; 5 = 8 5 ? @ 0 2 O B B J < = > 7 5 ; 5 = 8 B 5
 ; J A : 0 2 8 ; 8 A B 0 A 8 7 ? J : = 0 ; 0 A @ 5 4 = 0 6 8 ; : 0 .

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

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

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

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

&

/ & " /

!B @ 0 = 8 F 0 3/3

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

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

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

0 7 <=> 6 0 2 0 = 5 : 0 7 <=> 6 0 2 0 A 5 G @ 5 7 4 5 ; 5 = 8 5 8 ; 8 A @ 5 7 = 8 F 8
> B : J < 2 J @ E 0 .

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