

\$ 5H YLHZ RQ 7R[LFLW\ RI & DUERQ 0RQR[LGH R

8PPH \$ELBQG 1DGLD 1RXUHHQ

'HSDUWPHQW RI =RRORJ\ *RYHUQPHQW 6DGLT &ROOHJH :RPHQ 8QLYHUVLW\ %DKDZDOSXU 3DNLVWDQ
&RUUHVSRLQJ'HEXOWKMRUHQW RI =RRORJ\ *RYHUQPHQW 6DGLT &ROOHJH :RPHQ 8QLYHUVLW\ %DKDZDOSXU
DELKDVKHJD]L #JPDL FRP

5HFHLYHRYHPEHU \$FFHSW1HRQYHPEHU 3XEOLVKHHFQHPEHU

&RS\ULJKW \$ELKD 8 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH WHUPV RI WKH &U
GLVWULEXWLRQ DQG UHSURGXFWLRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO DXWKRU DQG VRXUFH D

\$EVWUDFW

&DUERQ PRQR[LGH WR[LFLW\ EHFRPHV D PRPHQWRXV KHDOWK LVVXH LQ 86\$ DQ
FDXVHV VHYHUU PRUELGLW\ DQG PRUWDOLW\ DQG LWV V\PSWRPV UHVHPEOH ZLWK
KDQG VPRNH IXPHV IURP KHDWLQJ V\VWHPV EXUQLQJ IXHOV H[KDXVW IXPHV IU
IUHTXHQW VRXUFHV RI &2 LV JDV IURP WKH H[KDXVW RI YHKLFOHV &2 SRLVRQLQJ
SDWLHQWV DUH LQVWDQWDQHRXVO\ VLFN &2 WR[LFLW\ LV QRW GXH WR UHGXFHG
DUH QRQ VSHFLILF DQG PD\ UDQJH IURP QDXVHD DQG KHDGDFKH WR LQWHQVH FHO
PD\ GLH HYHQ LQ ORZ OHYHO RI FDUERQ PRQR[LGH ZLWKRXW LQYROYLQJ RWKHU
XQGHUVWDQG WKH &2 WR[LFLW\ DQG DOVR ZRXOG EH FDSDEOH WR PLQLPL[H WKH &

.H\ZRUGV7R[LF &DUERQ PRQR[LGH FW+DOGDQH

2[\KHP R234.48 m 509.7 L1s6.201s6G RQ PR[LGH +Rs6.2 2RYLH6 &F Ws6.2 s6.JTf H233-1K
RUJDQLVP

7R[LFDQWV DUH FRPSRXQGV ZKLFK FDXVH WR[LFLW\ DQG WKH VH DUH YHU\
KDUPIXO IRU KXPDQ KHDOWKHDYHQRDXRBM RGHDWK
W\SHV RI WR[LFDQWV &KHPLFDO %LROJLFDO 3K\VLFDQ DQG 5DG LDWLRQ &2
RQ DYHUDJH LV WR SDUWV SHUHPLQLRQ SSP LQ WKH HQYLURQPHQW
TXDQWLVW\ RI &2 LQ WKH QRUWKHUQ KHPLVSKHUH LV PRUH WKDQ LQ WKH
VRXWKHUQ KHPOWYKHOURI &2 GHSHQGV RQ WKH VHDVRQ DQG
~XFWXZLW\HV VHDVRQ ,Q VXPPHU LWV OHYHO LV ORZHU > @ &2 SURGXFH
IURP KXPDQ DFWLWLRQ OLNH LQFRPSOHWH EXUQLQJ RI IXHO HWF RI WKLV
&2 LV SUHVHQW IHQDW\PRRS\SKS\KHL\HSROOXWLRQ RFFXSDWLRQDO

6HYHUDO DXWKRUV KLJKOLJKWHG WKH GHSHQGDELOLW\ RI +%2 WKHUDS\ :RUU\ DQG EDURWUDXPD WR PLGGOH HDU DQG VLQXVHV ZKLFK DUH VHHQ LQ a RI WKH SDWLHQWV ZKR KDYH KDG +%2 WKHUDS\ DUH DPRQJ WKH PRVW FRPPRQ SUREOHPV > @ 6HL]XUHV R[\JHQ WR[LFLW\ SXOPRQDU\ HGHPD DQG SXOPRQDU\ EOHHGLQJ SQHXPRWKRUD[DQG DLU HPEROLVP DUH DPRQJ WKRH\ HODHRP\\$OLFDWLRLQW\ LQJOH@ FRPSOHWH FRQWUDLQGLFDWLRLQ IRU +%2 WKHUDS\ LV WKH XQSURFHVVHG SQHXPRWKRUD[&ODXVWURSKRELD RWRVFOHURVLV RU RWKHU PLGGOH HDU GLVHDVHV LQWHVW REVWUXFWLRQ FKURQLF REVWUXFWLYH OXQJ GLVHDVH ZLWK EXOOD IRUPDWLRQ WKH QHHG WR FHUWDLQ SURFHU\ DVLRLQ DVSLUDWLRLQ FDUGLRYHUVLRQ DQG LQWXEDWLRLQ DUH DPRQJ WKH UHODWLYH FRQWUDLQGLFDW ,W VKRXOG EH NHSW LQ PLQG WKDW PLQXWHV DUH ZDQWHG IRU FDUHIXOO\ RI WS SDWLHQW > @

& RQFOXVLRQ

LV VWXG\ FRQFOXGHG WKDW FDUERQ PRQR[LGH WR[LFLW\ LV YHU\ GDQJHURXV DQG HYHQ FDXVH GHDWK RI KXPDVZLWKLQ PLQXWHV &DUERQ

RP 65 .HLP /: &DUERQ PRQR[LGH SRLWRSVQJZZZ UNWVWHZWH HGX WRGD\ DQQRXQ
HSLGHPLRORJ\ SDWKRSGLVDRYCRWUHFDMQHQDWSWLRQV &DUERQ PRQR[LGHLSVRLQRQDQJ-(
LQFOXGLQJ K\SHUEDULF R[\JHQ WKHUDSK\ -(PHUJFPRQF&QHGELFLQFRQ\$ &RPSUHKHVLYH 6W)
RP 65 \$QWLGRWHV LQ GHSWK +\SHUEDULF R\SHQ ,Q *ROG IUDQN
/5)ORPHQBDXHZLQ\$ +RZODQBVPSDQ\$ HMGVO :HDYHUUHUX &DUERQ PRQR[LGH SRLVRG
*ROG WDQW\ [LFRORJLFDO PHUJHQFLHV W\DGQGQHVRFUWPDZ+LOQSUHYZHG
<RUN SS :HDYHU /. &DUERQ PRQR[HGV0HQLFDQ
7LEE0H(GHOVEH UJ +\SHUEDULF R\SHQ 7R[LFRORJ\ /LSSLQFRWW :LOOLDPV :LONLQY
0HG
7RPDV]H&\$\&P 65 8VH K\SHUEDULF R[\JHQ LQ WR[LFRORJ\
(PHUJ 0HG &OLQ 1 \$P
7RPDV]H&\$NL &DUERQ PRQR[LGH ,Q)RUG O' 'HODQH\ \$.
/LQJ H-GV&OLQLFDO 7R[LFRORJ\ 6DXQGSUV 3XEOLVKHUV 3KLODGHSKLD
7RPDV]H&\$N&DUERQ PR*ORQ[G GUH QDRPHQEDXP
1(/HZLQ\$ +RZODQBVPSDQ\$ HMGVO GIUDQN d V
7R[LFRORJLFDO (PHUJHQFLHV OF*UDZ +LOO 1HZ <RUN SS