

Table 4.B

Potential Sets, Set-sums, Set-contexts, and related accords based on analytical types and structural categories in the second narrative group of Third Nephi

Summary					
Interval type	No. of factors of close accords	No. of close accords with intervals	No. of near accords with intervals	No. of “relaxed” near accords with intervals	Total No.
7-day week	0	4	0	0	4
9-day cycle	0	1	0	0	1
13-day cycle	0	3	0	0	3
20-day cycle	0	2	0	0	2
30-day cycle	1	2	0	0	3
260-day calendar	1	0	0	0	1
Long Count tun computing year	4	0	0	0	4
365-day year	0	0	0	0	0
819-day cycle	1	0	0	0	1
draconic month	1	3	3	1	8
sidereal month	1	3	3	1	8
synodic month	1	4	1	3	9
draconic or eclipse year	0	0	0	0	0
13-sidereal month year	0	0	0	0	0
6-synodic month semester	0	0	0	0	0
12-synodic month year	1	0	0	0	1
18-synodic month year	3	0	0	0	3
tropical year	0	0	0	0	0
sidereal year	0	0	0	0	0
Mercury sidereal period	2	0	0	0	2
Mercury synodic period	1	0	0	1	2
Venus sidereal period	3	0	0	0	3
Venus synodic period	0	0	0	0	0
Mars sidereal period	1	0	0	0	1
Mars synodic period	7	0	0	0	7
Jupiter sidereal period	1	0	0	0	1
Jupiter synodic period	1	0	0	0	1
Saturn sidereal period	3	0	0	0	3
Saturn synodic period	4	0	0	0	4
Total No.	41	22	7	6	76

Data

Express singular year-terms (all A)

Set No.	Set description	Set illustration	Set-sum
1.	Only (A) letter-set	10+11+13+13+13+14+14+15+15	118
Set No.	Set-context	Close, near, or “relaxed” near accord	
1.	118 days	1/3rd of a close accord with 1 12-synodic month year (about 354.3671 days) a close accord with the length of 4 mean synodic months (about 118.1224 days) a longer near accord with the length of 1 mean synodic period of Mercury (about 115.8775 days)	

Omitted time-terms (all H)			
Set No.	Set description	Set illustration	Set-sum
1.	Only (H) letter-set	10+11+13+13+13+14+14+15+15	118
Set No.	Set-context	Close, near, or "relaxed" near accord	
1.	118 days	(see above)	
Stated ordinal number-terms (all K)			
Set No.	Set description	Set illustration	Set-sum
1.	Only (K) letter-set	10+11+13+13+13+14+14+15+15	118
Set No.	Set-context	Close, near, or "relaxed" near accord	
1.	118 days	(see above)	
Narrative-links (RQRQR letter pattern)			
Set No.	Set description	Set illustration	Set-sums
1.	1st (R) letter-set	10+11	21
2.	1st (Q) letter-set	13	13
3.	1st (RQ) letter-group	21+13	34
4.	2nd (R) letter-set	13+13	26
5.	1st (QR) letter-group	13+26	39
6.	1st (RQR) letter-group	21+13+26	60
7.	Central [Q] letter-set	14	14
8.	2nd (RQ) letter-group	26+14	40
9.	3rd (R) letter-set	14	14
10.	2nd (QR) letter-group	14+14	28
11.	3rd (Q) letter-set	15	15
12.	3rd (RQ) letter-group	14+15	29
13.	4th (R) letter-set	15	15
14.	2nd (RQR) letter-group	14+15+15	44
15.	3rd (QR) letter-group	15+15	30
16.	All (R) letter-sets	21+26+14+15	76
17.	All (Q) letter-sets	13+14+15	42
18.	Total letter-sets	76+42	118
Set No.	Set-context	Close, near, or "relaxed" near accord	
1.	21 days	1/18th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days) 1/19th of a close accord with 1 mean synodic period of Jupiter (about 398.8842 days) a close accord with the length of 3 7-day weeks	
2.	13 days	1/28th of a close accord with 1 computing year (364 days) 1/60th of a close accord with 1 mean synodic period of Mars (about 779.9365 days) 1/828th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days) a close accord with the length of 1 13-day cycle	
3.	34 days	none	
4.	26 days	1/10th of a close accord with 1 260-day calendar 1/14th of a close accord with 1 computing year (364 days) 1/30th of a close accord with 1 mean synodic period of Mars (about 779.9365 days) 1/414th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days) a close accord with the length of 2 13-day cycles	
5.	39 days	1/20th of a close accord with 1 mean synodic period of Mars (about 779.9365 days) 1/21st of a close accord with 1 819-day cycle 1/276th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days) a close accord with the length of 3 13-day cycles a near accord with the length of 1.5 mean draconic months (about 40.8183 days) a near accord with the length of 1.5 mean sidereal months (about 40.9825 days)	
6.	60 days	1/6th of a close accord with 1 Long Count tun (360 days) 1/13th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)	

Table 4.B-2

Set No.	Set-context	Close, near, or “relaxed” near accord
6.	60 days	a close accord with the length of 3 20-day cycles a close accord with the length of 2 30-day cycles a close accord with the length of 2 mean synodic months (about 59.0612 days)
7.	14 days	1/2 of a close accord with 1 mean draconic month (about 27.21222 days) 1/2 of a close accord with 1 mean sidereal month (about 27.32166 days) 1/16th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days) 1/26th of a close accord with 1 computing year (364 days) 1/27th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days) 1/38th of a close accord with 1 18-synodic month year (about 531.5506 days) 1/49th of a close accord with 1 mean sidereal period of Mars (about 686.9958 days) a close accord with the length of 2 7-day weeks
8.	40 days	1/9th of a close accord with 1 Long Count tun (360 days) a close accord with the length of 2 20-day cycles
9.	14 days	(see above)
10.	28 days	1/8th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days) 1/13th of a close accord with 1 computing year (364 days) 1/19th of a close accord with 1 18-synodic month year (about 531.5506 days) a close accord with the length of 4 7-day weeks a close accord with the length of 1 mean draconic month (about 27.21222 days) a close accord with the length of 1 mean sidereal month (about 27.32166 days) a near accord with the length of 1 mean synodic month (about 29.53059 days)
11.	15 days	1/2 of a close accord with 1 30-day cycle 1/2 of a close accord with 1 mean synodic month (about 29.53059 days) 1/24th of a close accord with 1 Long Count tun (360 days) 1/15th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days) 1/52nd of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
12.	29 days	1/3rd of a close accord with 1 mean sidereal period of Mercury (about 87.9694 days) 1/4th of a close accord with 1 mean synodic period of Mercury (about 115.8775 days) a close accord with the length of 1 mean synodic month (about 29.53059 days) a near accord with the length of 1 mean draconic month (about 27.21222 days) a near accord with the length of 1 mean sidereal month (about 27.32166 days)
13.	15 days	(see above)
14.	44 days	1/2 of a close accord with 1 mean sidereal period of Mercury (about 87.9694 days)
15.	30 days	1/12th of a close accord with 1 Long Count tun (360 days) 1/26th of a close accord with 1 mean synodic period of Mars (about 779.9365 days) a close accord with the length of 1 30-day cycle a close accord with the length of 1 mean synodic month (about 29.53059 days) a longer near accord with the length of 1 mean draconic month (about 27.21222 days) a longer near accord with the length of 1 mean sidereal month (about 27.32166 days)
16.	76 days	1/7th of a close accord with 1 18-synodic month year (about 531.5506 days) 1/57th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
17.	42 days	1/9th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days) a close accord with the length of 6 7-day weeks a near accord with the length of 1.5 mean draconic months (about 40.8183 days) a near accord with the length of 1.5 mean sidereal months (about 40.9825 days) a shorter near accord with the length of 1.5 mean synodic months (about 44.2959 days)
18.	118 days	(see above)

Formal structural categories (*DADEBEAE* letter pattern)

Set No.	Set description	Set illustration	Set-sums
1.	1st (<i>D</i>) letter-set	10+11	21
2.	1st (<i>A</i>) letter-set	13	13
3.	Only (<i>DA</i>) letter-group	21+13	34
4.	2nd (<i>D</i>) letter-set	13	13
5.	Only (<i>AD</i>) letter-group	13+13	26
6.	Only (<i>DAD</i>) letter-group	21+13+13	47
7.	1st (<i>E</i>) letter-set	13	13

Table 4.B-3

Set No.	Set description	Set illustration	Set-sums
8.	Only (<i>DE</i>) letter-group	13+13	26
9.	Only (<i>B</i>) letter-set	14	14
10.	Only (<i>EB</i>) letter-group	13+14	27
11.	2nd (<i>E</i>) letter-set	14	14
12.	Only (<i>BE</i>) letter-group	14+14	28
13.	Only (<i>EBE</i>) letter-group	13+14+14	41
14.	2nd (<i>A</i>) letter-set	15	15
15.	Only (<i>EA</i>) letter-group	14+15	29
16.	3rd (<i>E</i>) letter-set	15	15
17.	Only (<i>AE</i>) letter-group	15+15	30
18.	Only (<i>EAE</i>) letter-group	29+15	44
19.	All (<i>A</i>) letter-sets	13+15	28
20.	All (<i>D</i>) letter-sets	21+13	34
21.	All (<i>E</i>) letter-sets	13+14+15	42
22.	All within-year letter-sets	28+14	42
23.	All year-end letter-sets	34+42	76
24.	Total formal letter-sets	42+76	118

Set No.	Set-context	Close, near, or "relaxed" near accord
1.	21 days	(see above)
2.	13 days	(see above)
3.	34 days	(see above)
4.	13 days	(see above)
5.	26 days	(see above)
6.	47 days	a longer near accord with the length of 1.5 mean synodic months (about 44.2959 days)
7.	13 days	(see above)
8.	26 days	(see above)
9.	14 days	(see above)
10.	27 days	1/14th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days) a close accord with the length of 3 9-day cycles a close accord with the length of 1 mean draconic month (about 27.21222 days) a close accord with the length of 1 mean sidereal month (about 27.32166 days) a shorter near accord with the length of 1 mean synodic month (about 29.53059 days)
11.	14 days	(see above)
12.	28 days	(see above)
13.	41 days	1/19th of a close accord with 1 mean synodic period of Mars (about 779.9365 days) a close accord with the length of 1.5 mean draconic months (about 40.8183 days) a close accord with the length of 1.5 mean sidereal months (about 40.9825 days)
14.	15 days	(see above)
15.	29 days	(see above)
16.	15 days	(see above)
17.	30 days	(see above)
18.	44 days	(see above)
19.	28 days	(see above)
20.	34 days	(see above)
21.	42 days	(see above)
22.	42 days	(see above)
23.	76 days	(see above)
24.	118 days	(see above)