

## RANDOM NUMBER TABLE

4	1	7	11	16	19	1	11	12	2	9	5	16	19	16	13	14	13	0	1
1	11	19	11	2	5	19	13	13	1	8	19	11	3	1	4	3	0	18	14
7	19	12	5	16	13	1	19	8	1	11	0	8	15	9	5	13	10	17	10
11	11	5	13	1	19	3	4	0	14	5	5	4	16	10	1	11	6	17	6
16	2	16	1	5	1	13	14	9	12	6	10	17	7	4	6	10	15	11	4
19	5	13	19	1	0	15	5	10	10	1	6	0	19	15	6	17	1	3	15
1	19	1	3	13	15	12	16	13	7	2	19	4	12	14	6	4	15	6	7
11	13	19	4	14	5	16	1	6	6	15	6	2	6	15	17	10	3	3	9
12	13	8	0	9	10	13	6	3	15	17	1	17	15	5	3	16	1	16	12
2	1	1	14	12	10	7	6	15	4	2	15	17	7	1	9	8	12	17	6
9	8	11	5	6	1	2	15	17	2	6	7	7	13	15	11	7	17	13	19
5	19	0	5	10	6	19	6	1	15	7	3	0	7	12	8	10	11	16	3
16	11	8	4	17	0	4	2	17	17	7	0	18	6	2	0	4	7	18	8
19	3	15	16	7	19	12	6	15	7	13	7	6	0	10	16	15	10	5	14
16	1	9	10	4	15	14	15	5	1	15	12	2	10	7	3	16	18	9	2
13	4	5	1	6	6	6	17	3	9	11	8	0	16	3	5	14	7	8	1
14	3	13	11	10	17	4	10	16	8	7	10	4	15	16	14	2	16	18	1
13	0	10	6	15	1	15	3	1	12	17	11	7	10	18	7	16	3	18	9
0	18	17	17	11	3	6	3	16	17	13	16	18	5	9	8	18	18	5	1
1	14	10	6	4	15	7	9	12	6	19	3	8	14	2	1	1	9	1	5

The above table of random numbers can be used to choose random starting points for quadrat sampling of spawning horseshoe crabs.

**If the beach section is 1 km:** Select any row or column of the table. The first number in the row, is your first random starting point. The next number is the second random starting point. If this number is equal to the first number, skip it and go to the next number in the row or column. Each night you will choose 2 random starting points to locate the first 2 quadrats. Then follow the directions under 'Placing the Quadrats' on the instruction sheet.

**If the beach is shorter than 1 km:** The distance between every other quadrat is the length of the beach divided by 50. If your beach is 400 m then the distance between every other quadrat is  $400/50=8$  m. This means you only want to choose random numbers from 0 to 7 (or from 0 to 1 minus the distance between every other quadrat). Choose any row or column of the table. The first number in the row less than or equal to 7 is the first random starting point. The next number in the row or column less than or equal to 7 is the second random starting point. Each night you will choose 2 new random starting points to locate the first 2 quadrats. Then follow the directions under 'Placing the Quadrats' on the instruction sheet.