## BB Unit 15

| E | L | T | H | C | T | 0 |  | C | E | L | B |  | 0 | D | P | 1 | T | H | G | 1 |  |  | Y |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| R | 0 | H | A | H | T | G | N | 1 | D | A | 0 | L | C | I | M | A | N | Y | D | D |  |  | L |
| U | W | R | G | 1 | U | E | Q | H | D | K | B | A | L | A | N | C | E | B | E | N |  |  | $v$ |
| L | E | E | N | T | C | K | C | 0 | L | B | B | U | T | T | Y | P | 1 | $N$ | G | Y |  |  | X |
| 1 | R | E | 1 | C | E | S | 0 | C | B | E | N | D | R | A | T | 1 | 0 | B | D | K |  |  | D |
| A | 1 | S | K | H | G | S | R | U | P | S | G | N | 1 | B | M | 1 | L | C | R | U |  |  | 0 |
| F | N | T | C | H | N | C | L | 1 | M | B | 1 | N | G | H | 1 | T | C | H | 0 | X |  |  | U |
| F | G | R | 0 | G | 1 | R | L | A | N | D | 1 | N | G | Z | 0 | N | E | S | P | A |  | N | B |
| 0 | D | A | L | E | H | B | M | W | H | C | C | L | 0 | V | E | H | 1 | T | C | H |  |  | L |
| S | E | N | T | L | T | W | E | L | V | E | S | T | R | A | N | D | 0 | L | U | F |  |  | E |
| E | V | D | 0 | D | S | 1 | X | T | E | E | N | S | T | R | A | N | D | C | T | R |  | V | B |
| L | 1 | Q | 0 | D | 0 | 0 | Q | B | 0 | L | L | A | R | D | E | T | G | V | D | E |  |  | R |
| C | C | V | F | A | R | B | 0 | R | 1 | S | T | B | L | 0 | C | K | $J$ | Q | X | K |  |  | A |
| Y | E | H | B | S | U | M | H | 0 | L | L | 0 | W | B | R | A | 1 | D | U | $V$ | A |  |  | 1 |
| C | T | C | L | G | B | E | N | 1 | L | G | N | I | B | M | 1 | L | C | V | E | D |  | $v$ | D |
| L | S | T | A | N | X | Y | Y | 0 | Z | L | U | B | M | 1 | C | R | 0 | P | U | L |  |  | Y |
| L | U | 1 | K | 1 | F | 1 | G | U | R | E | E | 1 | G | H | T | K | N | 0 | T | D |  |  | G |
| E | R | H | E | B | W | 0 | D | X | T | B | U | T | T | H | 1 | T | C | H | 1 | N |  |  | G |
| X | H | F | S | M | K | E | R | N | M | A | N | T | L | E | R | 0 | P | E | Y | Z |  | Q | X |
| L | T | L | H | 1 | T | X | A | H | F | A | L | S | E | C | R | 0 | T | C | H | A |  |  | G |
| W | Y | A | 1 | L | L | H | Y | D | A | P | B | M | E | N | 1 | L | D | A | 0 | L |  |  | S |
| I | D | H | T | C | P | D | N | T | H | 1 | N | G | E | E | N | 1 | L | S | S | E |  |  | A |
| X | 0 | B | C | B | F | Y | A | B | A | C | K | C | U | T | R | E | N | 1 | B | A |  |  | C |
| P | B | X | H | P | K | H | L | S | D | R | 0 | P | Z | 0 | N | E | T | H | A | T |  |  | F |


| Cycles of failure | Figure eight knot | Climbing saddle | Dynamic loading | Friction device |
| :--- | :--- | :--- | :--- | :--- |
| Kernmantle rope | Lowering device | Arborist block | Climbing hitch | Climbing spurs |
| Sixteen strand | Blake's hitch | Butt hitching | Climbing line | Design factor |
| Double crotch | Twelve strand | Balance bend | Double braid | False crotch |
| Foot locking | Hollow braid | Landing zone | Three strand | Access line |
| Body thrust | Clove hitch | Micropulley | Bend ratio | But typing |
| Half hitch | Carabiner | Drop zone | Hinge cut | Load line |
| Back cut | Drop cut | Bollard | Lanyard | Bight |
| Block | Hinge | Hitch | Kerf |  |

