This is the second part of three sets of bugs which were taught at the Palmetto Tat Days in 2005. I am hoping that the three sets will provide useful teaching tools for tatters. Although not all techniques are covered - many are. If you wish to use these for teaching purposes I would be grateful for all feedback and comments. Please ask before using by emailing me.


Pattern F-Beetle
bug
Pattern G - Freddie the Fantastic Flea


Pattern H Scorpion

The second set of four patterns progress from rings and chains with Victorian 'sets' and beads $(E)$ on to rings and chains with beads added to the core threads with a ring on a chain (F) to split rings ( $G$ ) and, finally, more split rings used to progress from row to row, an 'inverted split ring' on the claws and a split chain (H). All four have beads on the core thread or in place of picots for eyes.

## Abbreviations

| Wsh1 | Working shuttle 1 | Wsh2 | Working shuttle 2 |
| :--- | :--- | :--- | :--- |
| vsp | Very small picot | Vlp | Very Long Picot |
| + | join | B | bead moved into place |
| seta | four first half ds | setb | four second half ds |
| SCh | Split chain | Lj | Lock join |
| T \& C | Tie and Cut |  |  |

Multi Pillar - Pattern E is made from rings \& chains with beaded Victorian sets (AKA Set stitch, Node stitch or Rickrack tatting). Beads are used in place of picots \& on core thread for eyes. Needed are 2 colours shuttle $\&$ ball with 12 beads on ball thread. Add 4 body beads followed by 2 eye beads to shuttle thread. Leave all beads on shuttle for R1 until required - following rings need beads put on back of hand before starting.

## Head

R1: 3 B 2-4-2 B 1 vsp 2
Ch: 3
Body
R2: $2+(v s p R 1) 1$ seta $B$ setb 2 vsp 5
*Ch: 2 B 2 B 2 B $2+$ Lj(vsp previous R)
R3: 2 seta $B$ setb 2 vsp 5*
Repeat from ${ }^{*}$ to ${ }^{*}$ as many times as required
Ch: 2 B 2 B 2 B $2+($ vsp final R) 8 T \& C
Beetle bug - Pattern $\mathbf{F}$ is an imaginative bug which uses rings \& chains with beads in place of picots for eyes \& also involves adding beads to centre of rings via core thread. 4 large beads \#5/0 rocaille (just under $1 / 2 \mathrm{~cm}$ ) for centre of rings 2 Shuttles in 2 colours with 2 beads for eyes on Wsh2
When adding the 2 beads to the core - pull the core thread down from below vsp \& add the 2 large beads, post shuttle through loop \& transfer this loop so that the core of the ring runs smooth for closing - see diagram below.
Left wing - starting at the bottom and following the direction of the black arrow

R1: 3 vsp 9 vsp 6 vsp 6 add 2 B's on core taking core thread down underneath second vsp.
Following Ch follows the direction of the red arrow
Ch: $8+\operatorname{Lj}\left(3^{\text {rd }} p R 1\right) 8+$ using $\operatorname{Lj}\left(2^{\text {nd }} p R 1\right) 3$ change to Wsh2
Head place 2 beads on thread round hand before starting
R2: 8 B $2 \mathrm{VIp}\left(1^{\prime \prime}\right) 2$ B 8
Ch: 3 Change to Wsh1 and turn so head is facing downwards


Right wing - follow direction of black arrow
R3: $\quad 9+\left(1^{\text {st }} p\right.$ R1) 3 vsp 6 vsp 6 add 2 B's to core
Following Ch follows the direction of the red arrow
Ch: $8+($ last vsp R3) $8+($ next vsp R3) T \& C
Finishing Cut long picot to form feelers
Pattern G - Freddie the Fantastic Flea an itchy bug! A ring with long picots continuing onto a split ring for head with bead on core thread, ending with a short chain.
2 shuttles CTM with bead on Wsh1 \& $1 / 2$ yard on Wsh2.

## Starting at the neck

R1: $14 \mathrm{VIp}\left(1 / 2^{\prime \prime}\right) 2 \mathrm{VIp}\left(1 / 4^{\prime \prime}\right) 2$
$B$ on thread round hand before starting
SR2: 2 / 3 B 2


Ch: 1 Tie knot \& leave $1 / 8^{\prime \prime}$ space then tie another knot \& cut leaving a short tail
Finishing Cut picot nearest proboscis at the centre \& other picot near base \& tie knot for the 'knee'
Pattern H - Scorpion uses split rings, inverted split rings for the pinchers \& split chain. 2 shuttles with 2 beads on Wsh2 before starting

## First Claw

SR1: $10 / 8$ before closing turn $2^{\text {nd }}$ half (after /) of SR towards $1^{\text {st }}$ half so that tops all face the same way.
SR2: 4 / 3 vsp 1
SR3 to SR6: $4 / 1+($ vsp last SR) 2 vsp 1 continue to
Head - beads moved into place on thread on second half $S R$
SR7: 3 vsp 2 vsp $3 / 1+(v s p$ SR6) 2 B 2 B 2 vsp 1 continue to

## Second Claw

SR8 to SR11: $\quad 4 / 1+$ (vsp last SR) 2 vsp 1
SR12: 4 / $1+($ vsp last SR) 3


SR13: 10 / 8 before closing turn $2^{\text {nd }}$ half of SR towards $1^{\text {st }}$ half so that tops
all face same way tuck Wsh2 through ring T \& C
Body 2 shuttles - using Wsh1
R1: 4 +(vsp SR7) 2 - 2
Ch: vsp 6
R2: $2+(v s p$ last R) 2 +(next vsp SR7) 4
SR3: 6/3-3 change to Wsh2
Ch: vsp 8
R4: 3 +(last SR) $3+(v s p$ base R1) 6
SR5: 4/2-2 change to Wsh1
Ch: vsp 6
R6: 2 +(last SR) 2 +(vsp base R3) 4
SR7: 4/2-2 change to Wsh2
Ch: vsp 3 vsp 3
R8: $2+($ last SR) $2+($ vsp base R5) 4 change to Wsh1
SCh: $4+($ prev Ch) $/+L j(v s p$ base SR7) 4
SR9: $8 / 8$
SR10: 6 / 6

