CARACTER	**CHARACTER**
Character State	*Character State*
I. Raw Material	V. Ferrule
0. Iron	0. None
1. Silver	1. Silver
2. Steel	
3. Stainless Steel	VI. Handle Cross-Section
	0. Octagonal
II. Tip Shape	1. Oval
0. Triangular	2. Round
1. Rounded	3. Rectangular
III. Blade Alignment	VII. Finial Shape
0. Off-set (right)	0. Finial
1. Central	1. Blunt
	2. Pistol grip
IV. Blade Shape	3. Convex
0. Parallel-sided	4. Drop
1. Diverging	5. Rounded
2. Spatulate (spoon-shaped)	6. Straight
3. Scimitar-shaped	
4. Converging	VIII. Length
	0. 7cm - 8cm
	1. 8cm - 9cm
	2. 9cm - 10cm
	3. 10cm - 11cm

Table 1 *The characters and character states used in the analysis of knives.*

CARACTER	**CHARACTER**
Character State	*Character State*
I. Raw Material	V. Ferrule
0. Iron	0. None
1. Silver	1. Silver
2. Steel	
3. Stainless Steel	VI. Finial Shape
	0. Finial
II. Number of Tines	1. Blunt
0. 1	2. Pistol grip
1. 2	3. Convex
2. 3	4. Drop
3. 4	5. Rounded
	6. Straight
III. Tine Length	
0. 2/3 of whole specimen	VII. Length
1. 1/4 of whole specimen	0. 6cm - 7cm
	1. 7cm - 8cm
IV. Tine Angle	2. 8cm - 9cm
0. Straight	3. 9cm - 10cm
1. Angled	

Table 2 *The characters and character states used in the analysis of forks.*

Table 3

	Knives	*Forks*
Tree Length	47	32
Consistency Index	0.51	0.59
Retention Index	0.85	0.86
Homoplasy Index	0.49	0.41
Rescaled Consistency Index	0.43	0.51
Randomization Test		
Tree Length	129	80
Standard Deviation	15	10

Table 3 *Tree statistics for the most parsimonious knife and fork trees. They compare favourably with randomly generated trees.*

Host–Associate System	**Co-Divergence**	**Duplication**	**Horizontal Transfer**	**Sorting Event**
Organism - Gene	Interspecific Coalescence	Gene Duplication, Deep Coalescence	Gene Transfer	Gene Loss, Lineage Sorting
Host - Parasite	Co-speciation	Within Host Speciation	Host Switch	Parasite Extinction, 'missing the boat'
Organism - Area	Vicariance	Sympatry	Dispersal	Extinction
Organism - Object	Direct Horizontal or Quasi-Horizontal Transfer, Core Cultural / Adaptive Technologies	Group Fission without Material Culture Change	Diffusion / Migration	Group Extinction, Stochastically Caused Break of Transmission Chain
Object - Object	Linked Technological, Stylistic or Trans-mission Systems, Local Adaptation	Cultural Success, Cultural 'Exaptation'	Stimulus Diffusion	Loss of Social or Functional Use Context or Popularity

Table 4 *Equivalent processes of biological and cultural co-phylogeny studies. Modified from Page and Charleston (1998).*