

# Hegemony Diplomatic Corps

**Confidential**

## Species Report: Kresh (343-34/6444890-1)

### LINGUISTICS SECTION

#### Kresh numbering system

Due to their physiology (Kresh are six-fingered), the Kresh use a hexadecimal (base 6) numbering system. Numbers greater than decimal 5 are expressed as compound terms. A Hegemony equivalent would be to express the number 'twelve' as 'one-two'.

The table below demonstrates this system and provides corresponding Hegemony decimal numbers and Kresh language equivalents.

| Hegemony (base 10)<br>Decimal | Kresh (base 6)<br>Hexidecimal | Kresh language equivalent |   |
|-------------------------------|-------------------------------|---------------------------|---|
| 0                             | 0                             | ri                        |   |
| 1                             | 1                             | noc                       |   |
| 2                             | 2                             | pha                       |   |
| 3                             | 3                             | alac                      |   |
| 4                             | 4                             | rux                       |   |
| 5                             | 5                             | dva                       |   |
| 6                             | 10                            | noc'ri                    |   |
| 7                             | 11                            | noc'ta                    | — ta' doubles the original sound - if noc means 1, then noc'ta means 11   |
| 8                             | 12                            | noc'pha                   |   |
| 9                             | 13                            | noc'alac                  |   |
| 10                            | 14                            | noc'rux                   |   |
| 11                            | 15                            | noc'dva                   |   |
| 12                            | 20                            | pha'ri                    |   |
| 13                            | 21                            | pha'noc                   |   |
| 14                            | 22                            | pha'ta                    |   |
| 15                            | 23                            | pha'alac                  |   |
| 16                            | 24                            | pha'rux                   |   |
| 17                            | 25                            | etc                       |   |
| <hr/>                         |                               |                           |   |
| 36                            | 100                           | noc'ri'ta                 |   |
| 37                            | 101                           | noc'ri'noc                |   |
| 38                            | 102                           | noc'ri'pha                |   |
| 39                            | 103                           | noc'ri'alac               |   |
| 40                            | 104                           | noc'ri'rux                |   |
| 41                            | 105                           | noc'ri'dva                |   |
| 42                            | 110                           | noc'ta'ri                 |   |
| 43                            | 111                           | noc'el                    | — 'el' triples the original sound - if noc means 1, then noc'el means 111 |
| 44                            | 112                           | noc'ta'pha                |   |
| 45                            | 113                           | noc'ta'alac               |   |
| 46                            | 114                           | noc'ta'rux                |   |
| 47                            | 115                           | noc'ta'dva                |   |
| 48                            | 120                           | noc'pha'ri                |   |
| 49                            | 121                           | noc'pha'noc               |   |
| 50                            | 122                           | noc'pha'ta                |   |

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