

Table 1 Survival rates at the various stages of embryonic development of *Heteropneustes fossilis*

| Stages of development | First set | Second set | Mean % survival |
|-----------------------|-----------|------------|-----------------|
| Unfertilized eggs     | *20(100)  | *20(100)   | 100             |
| Fertilized eggs       | 19 (95)   | 20 (100)   | 97.5            |
| 2- cell stage         | 19 (95)   | 19 (95)    | 95.0            |
| 4- cell stage         | 19 (95)   | 19 (95)    | 95.0            |
| 8- cell stage         | 17 (85)   | 18 (90)    | 87.5            |
| 16- cell stage        | 17 (85)   | 18 (90)    | 87.5            |
| 32-cell stage         | 17 (85)   | 16 (80)    | 82.5            |
| 64-cell stage         | 17 (85)   | 16 (80)    | 82.5            |
| Gastrula              | 16 (80)   | 15 (75)    | 77.5            |
| Advanced gastrula     | 16 (80)   | 15 (75)    | 77.5            |
| Pre hatching          | 16 (80)   | 15 (75)    | 77.5            |
| Hatching              | 16 (80)   | 15 (75)    | 77.5            |
| Day 1                 | 16 (80)   | 14 (70)    | 75.0            |
| Day 2                 | 16 (80)   | 14 (70)    | 75.0            |
| Day 3                 | 16 (80)   | 14 (70)    | 75.0            |
| Day 4                 | 15 (75)   | 14 (70)    | 73.5            |

Note: \*Number of eggs sampled per set=20. Figures in parentheses represent % survival in relation to number of egg fertilized