



Erratum in 'Open problems in some competition models' by S. Elaydi and R. Luís

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**Erratum in ‘Open problems in some competition models’
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(pp. 1873–1877, this issue)

In [1] the authors present a stability theorem (Theorem 1.1) of the Ricker competition model

$$\begin{cases} x_{n+1} = x_n e^{K-x_n-ay_n} \\ y_{n+1} = y_n e^{L-y_n-bx_n}. \end{cases} \quad (1)$$

The theorem was stated under the erroneous condition $0 < a, b < 1$. The correct condition, as stated in the full paper [2], is that $ab < 1$ and $a, b > 0$.

References

- [1] S. Elaydi and R. Luís, *Open problems in some competition models*, J. Difference Equ. Appl. (First published on: 22 March 2011(iFirst)), 17(12) (2011), pp. 1873–1877 (this issue).
- [2] R. Luís, S. Elaydi, and H. Oliveira, *Stability of a Ricker-type competition model and the competitive exclusion principle*, J. Biol. Dyn., Accepted.