erratum

Fishery science: analysis and present situation

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Corrigenda

p. 492!

$$Y_W = FRe^{-M(t_p-t_0)}W_\infty \sum_{n=0}^{3} \frac{\Omega_n e^{-nK(t_p-t_0)}}{F+M+nK}(1-e^{-(F+M+nK)(t_\lambda-t_p)})$$

$$Y_W/R = Fe^{-M(t_p-t_0)}W_\infty \sum_{n=0}^{3} \frac{\Omega_n e^{-nK(t_p-t_0)}}{F+M+nK}(1-e^{-(F+M+nK)(t_\lambda-t_p)})$$

$$Y = aE - bE^2$$

$$Y/E = a - bE$$

p. 500

$$\frac{dN_p}{dt} = r'_p N_p - bN_p^2 - vN_p N_h$$

$$\frac{dN_h}{dt} = -m_d N_h + wN_{p(t-\tau)} N_{h(t-\tau)}$$

$$\frac{dN_p}{dt} = r_p N_p$$

$$\frac{dN_d}{dt} = -m_d N_d$$

$$m_p = vN_d$$

$$m_d = wN_p$$

$$\frac{dN_p}{dt} = (r_p - vN_d)N_p$$

$$\frac{dN_d}{dt} = (-m_d + wN_p)N_d$$

$$r_p - vN_d = -m_d + wN_p = 0$$

p. 501

$$K_p = m_d/w$$

$$K_d = r_p/w$$

Addenda

Allee, W.C. 1931. *Annimal aggregations.* Univ. Chicago. Press. 431 pp.

Allee, W.C., Emerson, A.E., Parck, TH., Schmidt, K.P. 1949. *Principles of Animal Ecology Saunder.* Philad. London.

Ancona, H. 1964. Ric. Scient. 34: 251-268.

Anderson, K.P. and Ursin, E. 1977. *A multiespecies extension of the Beverton and Holt theory fishing with accounts of phosphorus circulation and primary production Meddelels or fra Danmsrk Fiskeri- og Havundgolser.* 7:319-435.

Beverton, H. and Holt, S. 1957. *On the dybanics of exploited fish populations.* Fish Investment series 2, vol. 19. UK Min. Agri. Fish. London. 533 pp.

Christhensen, V. and Pauly, D. 1992. *A guide of ECOPATH II program (version 2-1).* ICLARM. Software 6. Manila Philippines. 72 pp.

Christhensen, V. and Pauly, D. (ed.) 1993. *Throphic models of aquatic ecosystems.* ICLARM. Conference Proceedings. n. 26. 360 pp.

Christhensen, V. and Pauly, D. 1995. *Fish production catches and the carrying capacity of the world oceans.* NAGA of ICLARM. Q. 18 (3); 34-40.

Lleonart, J. 1999. *Precautionary approach and Mediterranean fisheries.* CIESM. n. 7. Workshop series, 15-24.

Margalef, R. 1974. *Ecology.* Ed. Omeg. Barcelona. 951 pp.

Odum, P.E. 1959. *Fundamentals of ecology.* Saunders.

Pauly, D. 1979. *Theory and management of tropical multiespecies stocks.* A review, with emphasis of Southest Asian demersal fisheries. ICLARM. n. 1. Manila.

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Polovina, J.J. 1984. *Model of a coral reef ecosystem I.* THE ECOPATH model and its applicationts French Frigate Shoals. Coral Reefs. 3; 1-11.

Sarda, F. and Cartes, J.J. 1993. *Relationship between size and deepth in decapod crustacean populations in deep slope in Western Mediterranean Deep Sea Res.* 40 (11-12); 2839-3400.

Volterra, V. 1928. *In Animal Ecology.* Chapman, R.R. (1931). Mcgraw-Hill, N-Y, London.