

- MALKMUS, R. (1993): Zur Herpetofauna der Serra do Reboredo. — Nachr. naturwiss. Mus. Aschaffenburg 100: 73–90.
- MALKMUS, R. (1995): Die Amphibien und Reptilien Portugals, Madeiras und der Azoren. — Die Neue Brehm-Bücherei 621. Heidelberg (Spektrum).
- MARQUES, M. J., O. S. PAULA & G. CRESPO (1995): Caracterização herpetocenoses e determinação de áreas prioritárias para a conservação no Parque Natural de Sintra-Cascais. — Lisboa (Rel. Herp. Centro Biol. Ambiental).
- PFAU, J. (1988): Beitrag zur Verbreitung der Herpetofauna der Niederalgarve (Portugal). — Salamandra, Bonn 24(4): 258–275.
- RAIMUNDO, N. D. (1995): Avaliação de áreas para a conservação: uma aplicação à herpetocenose da Serra de São Mamede com recurso a um sistema de informação geográfica (SIG). — Lisboa (Rel. de estágio Lic. Rec. Faun. e Amb.).
- SALVADOR, A. (1981): *Acanthodactylus erythrurus* (SCHINZ, 1833) – Europäischer Fransenfinger. In: BÖHME, W. (Hrsg.): Handbuch der Reptilien und Amphibien Europas, Bd. 1/Echsen I: 376–388. — Wiesbaden (Akad. Verlagsges.).
- SALVADOR, A. (1985): Guía de Campo de los Anfíbios y Reptiles de la Península Ibérica, Islas Baleares y Canarias. — León (Ed. Santiago García).

Zur Verbreitung von *Pleurodeles waltl* in Nord-Portugal

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On the distribution of *Pleurodeles waltl* in northern Portugal

In northern Portugal (north of the Douro river) *Pleurodeles waltl* is distributed very rarely: only ten localities are known. Five of them were registered between 1886 and 1911, and in the last 20 years only one of them could be verified. In this period six small populations were found, two in the coastal region, the others in the eastern part. Their habitats are described in detail. In the northernmost portuguese habitat (mines of Guadramil) *P. waltl* reaches the maximum of its vertical distribution (800 m asl) in Portugal.

Key words: Amphibia, Urodela, Salamandridae, *Pleurodeles waltl*, distribution, northern Portugal.

Der die Iberische Halbinsel und das nordwestliche Marokko bewohnende Rippenmolch ist in Portugal weit verbreitet (CRESPO & OLIVEIRA 1989, MALKMUS 1995, BONS & GENIEZ 1996, PLEGUEZUELOS 1997, SALVADOR & GARCIA-PARIS 1999). Als wärmeliebendes Faunenelement bevorzugt er tiefere Lagen und das Hügelland (< 500 m); im