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Gavriloaie C., Rusu C., Petrescu-Mag I. V., 2016 The present day status of a remarkable area: Tausoare Cave, Romania. ELBA Bioflux 8(2):56-63.

Petrescu-Mag I. V., 2016 Tardigrades traveled to space and survived. ELBA Bioflux 8(2):64-66.

Petrescu-Mag I. V., Gavriloaie C., Botha M., 2016 Hyperthermophiles: optimum for them is extreme for the rest. ELBA Bioflux 8(2):67-72.

