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COVER

Softshell turtle (Trionyx spiniferus) in the process of hatching from its rigid-
shelled egg. Eggs like this exchange little, if any, liquid water with the sur-
rounding environment during the course of incubation. Although biolo-
gists have come to expect embryos developing in eggs of this kind to con-
vert wastes from protein catabolism into insoluble urates, embryonic soft-
shell turtles convert nitrogenous wastes into soluble urea and ammonia.
See page 1049. [Mary J. Packard, Colorado State University, Fort Collins
80523]