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COVER  
Healthy-looking adult chicken, which may be easily mistaken for a normal  
adult animal, is actually an intersex triploid chicken. Closer examination of  
its secondary sexual characteristics define it as an intermediate between  
roosters and laying hens. Triploid chickens seem to carry out normal  
functions except for reproduction. They represent the only known group  
in higher vertebrates where triploidy can be compatible with healthy post-  
natal life. See page 864. [Jane K. Glaser, Biology Department, Northern  
Illinois University]