

(277)

Fresh-Water Mussels (Mollusca: Bivalvia)  
in the Chowan River System of Virginia

SAMUEL L. H. FULLER

*Academy of Natural Sciences of Philadelphia*

Johnson (1970, *Bulletin of the Museum of Comparative Zoology*, 140: 263-449) recorded eight species of Unionidae from the Chowan system: *Pleurobema (Lexingtonia) masoni* (Conrad), *Uniomereus tetralasmus* (Say), *Elliptio complanata* (Lightfoot), *E. lanceolata* (Lea), *Alasmidonta undulata* (Say), *Anodonta imbecilis* Say, *Strophitus undulatus* (Say), and *Lampsilis cariosa* (Say). In this system occur these additional species: *Villosa constricta* (Conrad) and *L. r. radiata* (Gmelin). Similarly, Blood and Riddick (1974, *Nautilus*, 88: 65) listed new mussel species records for the Pamunkey and James river systems of Virginia. Also, Fuller (1974, *ASB Bulletin*, 21: 55-56) reported a unique *Elliptio* from the Savannah river system in South Carolina and (1974, *Malacological Review*, 6: 105-117) showed that Johnson's concept and distribution records of "P. (L.)" *masoni* involve two species, *Fusconaia masoni* and *Lexingtonia subplana* (Conrad). Are biogeographic studies based on Johnson's data (e.g., Sepkoski and Rex, 1974, *Systematic Zoology*, 23: 165-188) materially affected by these recent discoveries?

Reprinted from *The ASB Bulletin*,  
Vol. 22, No. 2, April 1975, p. 54.