Stansbery '86

Notes from D.H. Stansbery

Fusconaia barnesiana

Umbo more centrally located than Pleurobema oviforme or other Fusconaia's.
Pseudocardinal teeth more lamellate than P. oviforme.
Tendency to be symmetrical, evenly rounded, or curved (curved seems to be a better word).
Pseudocardinal teeth perpendicular to lateral teeth - a good distinguishing character with younger specimans, but pseudocardinal teeth rotate with age.

Pleurobema oviforme

Highly variable little critter.
Beak cavity moderately shallow - moreso than F. barnesiana (which has a deep cavity).
Many times need soft parts for verification (don't use formalin for preservative*).

Fusconaia cor (edgariana)

Strong, large hinge plate (teeth) when it gets older.
Arched posterior edge when older.
May sometimes be yellowish; most distinguishing character will be the deep sulcus (Lexingtonia dolabelloides shouldn't typically have this depression).

Lexingtonia dolabelloides

Rounded posterior ridge is a very good indicator.
Yellowish periostracum; green patches.

Locality data on P. oviforme and F. barnesiana

F. barnesiana most common in headwaters
- will see this species in abundance at CRM 340 - VA RT. 16A Bridge in N. Tazewell

Both species found at CRM 339 - 1 mile downstream from the above-mentioned site.

Cedar Bluff, Pounding mill - 16A Bridge - in part of fown called Riverjack - 1.9 miles N.W. of Tazewell
- Stansbery found 18 F. barnesiana and 10 P. oviforme here in recent survey (June 1985 - July 1986)

NOTES STRESSED EMPHATICALLY BY " THE MAN "

Fusconaia cuneolus = F. cun - Ē - ola

Fusconaia edgariana = F. cor

* THE wonder preservative, 'fixer' and mussel relaxor:

AGW (Alcohol, Glycerin, Water)

70% Ethyl alcohol
5% Glycerin
15% Water