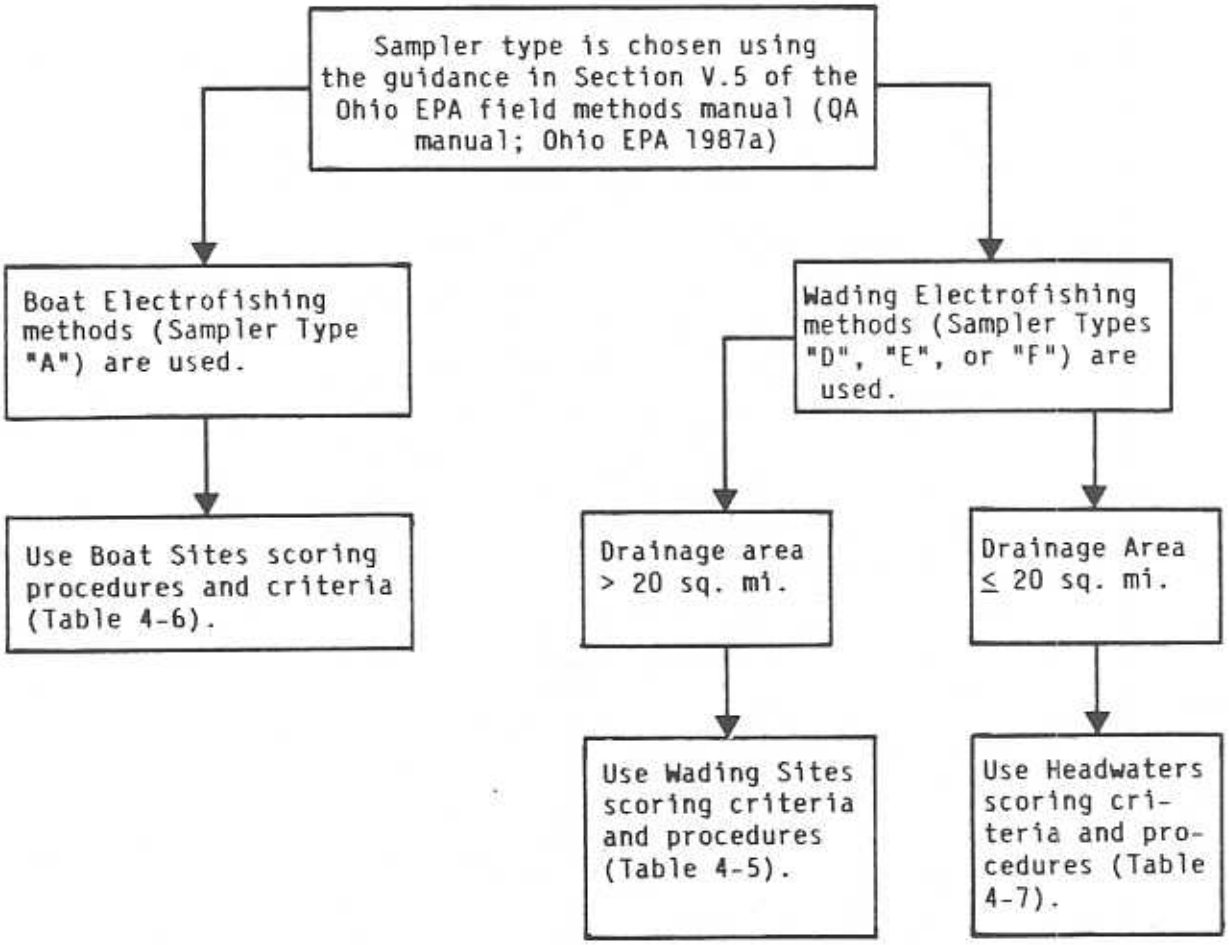

Figure 4-1. Flow chart for determining which set of IBI criteria and procedures (headwaters, wading, or boat versions) to use in calculating the Index of Biotic Integrity for a particular site.

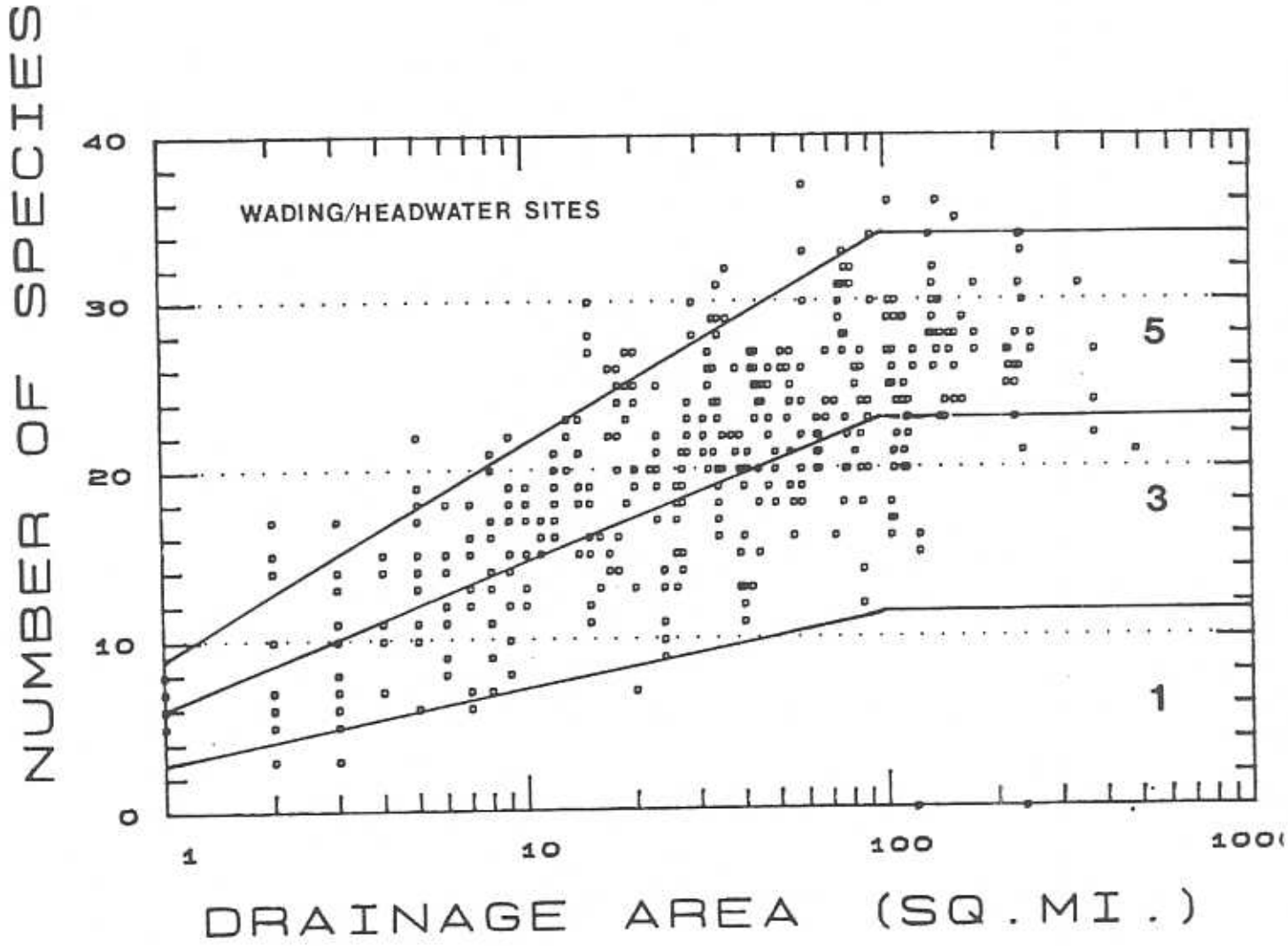

Figure 4-2. Number of species vs. drainage area (Headwaters and Wading sites) showing a combined standard and alternate trisection method for determining 5, 3, and 1 IBI scoring.

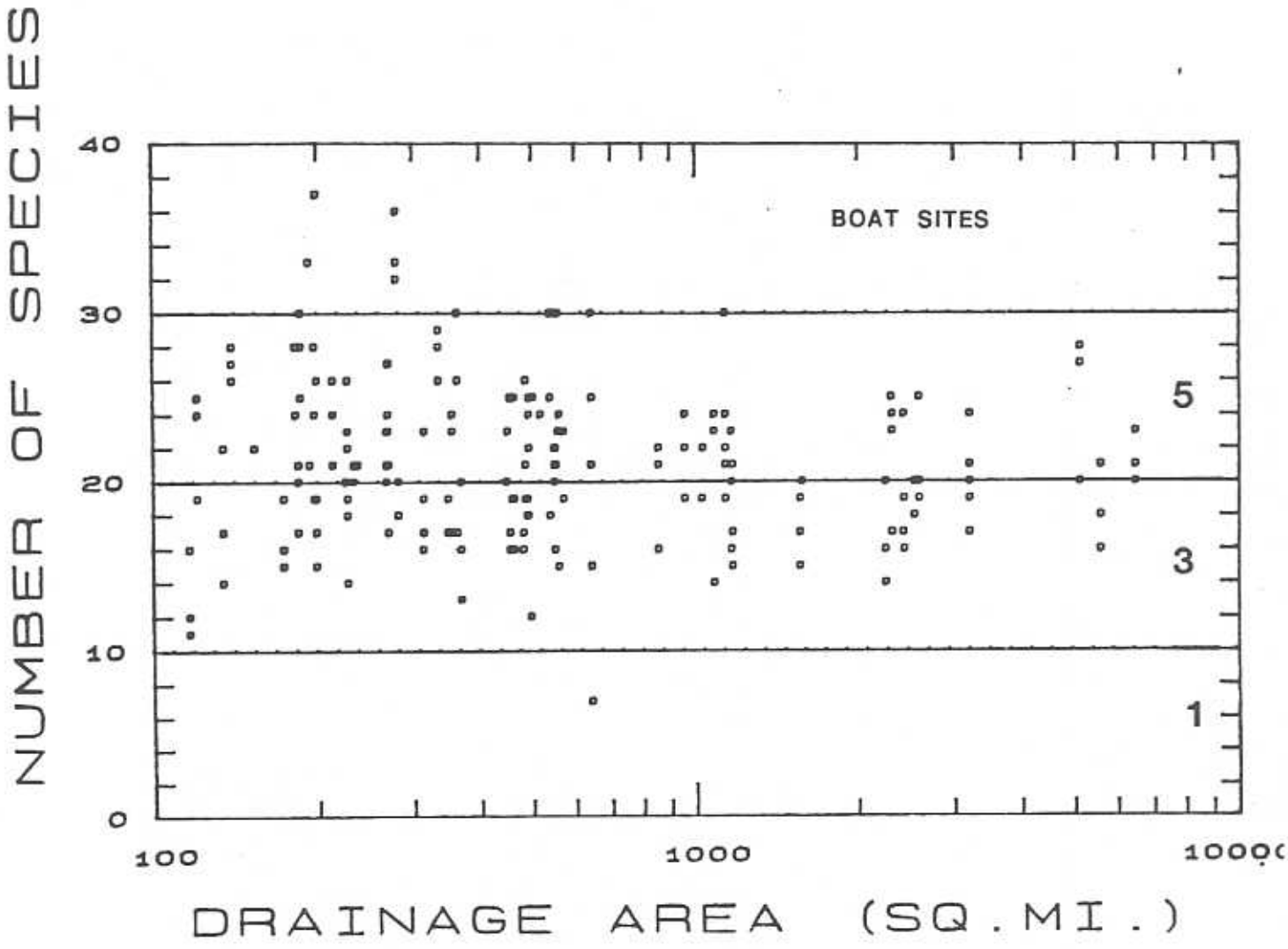

Figure 4-3. Number of species vs. drainage area (Boat sites) showing alternative trisection method (no drainage area relationship) for determining 5, 3, and 1 IBI scoring.

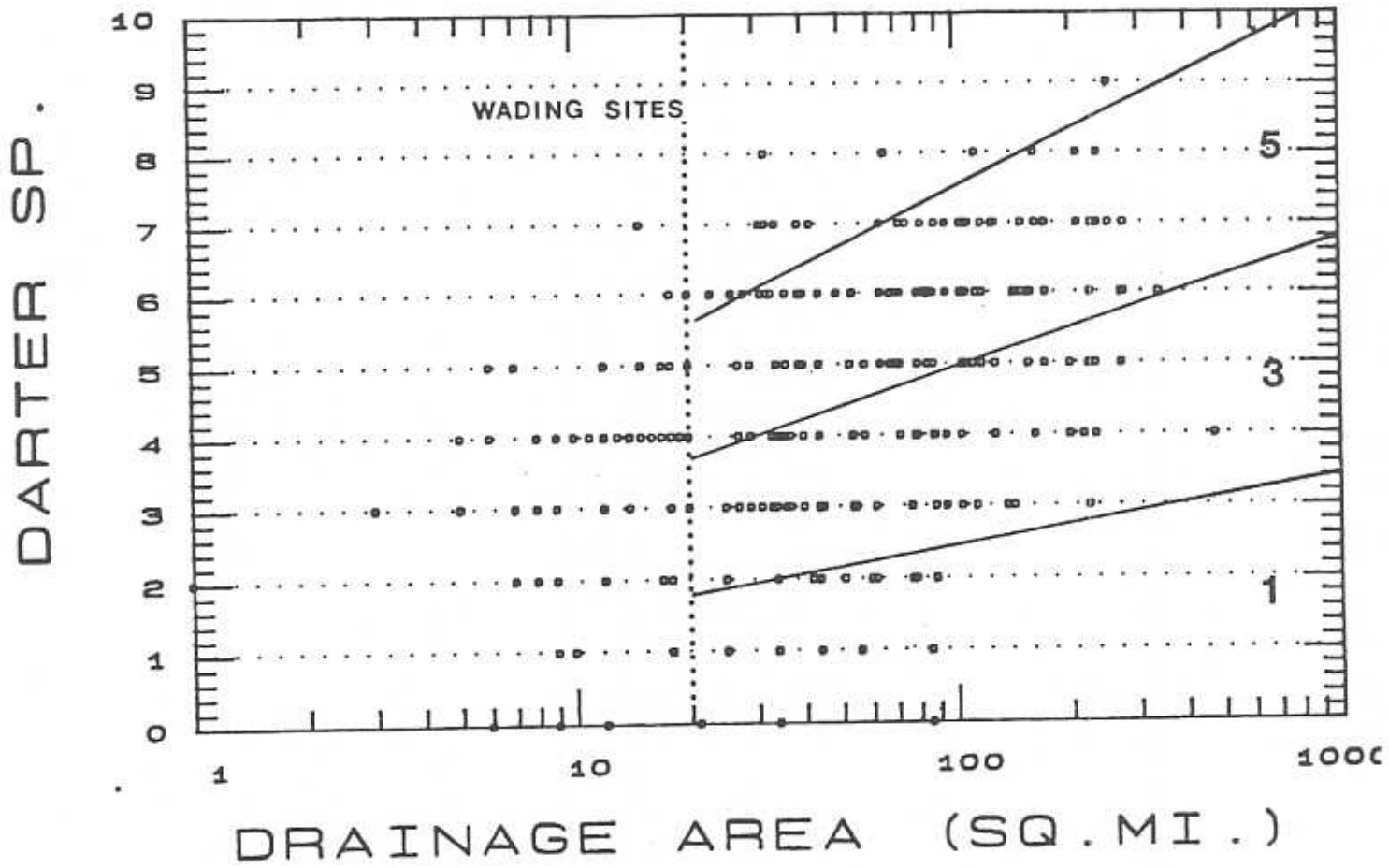

Figure 4-4. Number of darter species vs. drainage area (Wading sites) using the standard trisection method (positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring.

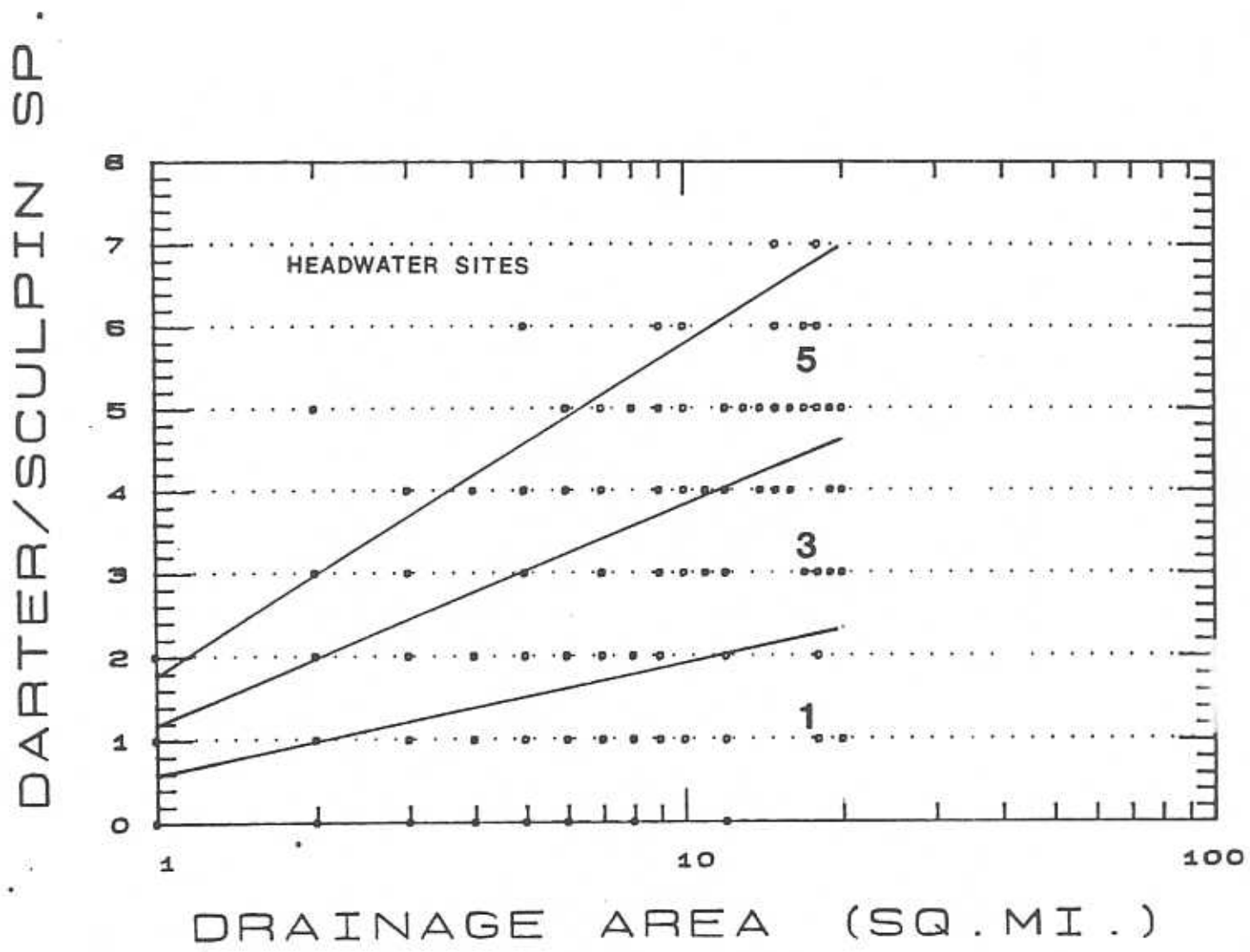

Figure 4-5. Number of darter/sculpin species vs. drainage area (Headwaters sites) using the standard trisection method (positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring.

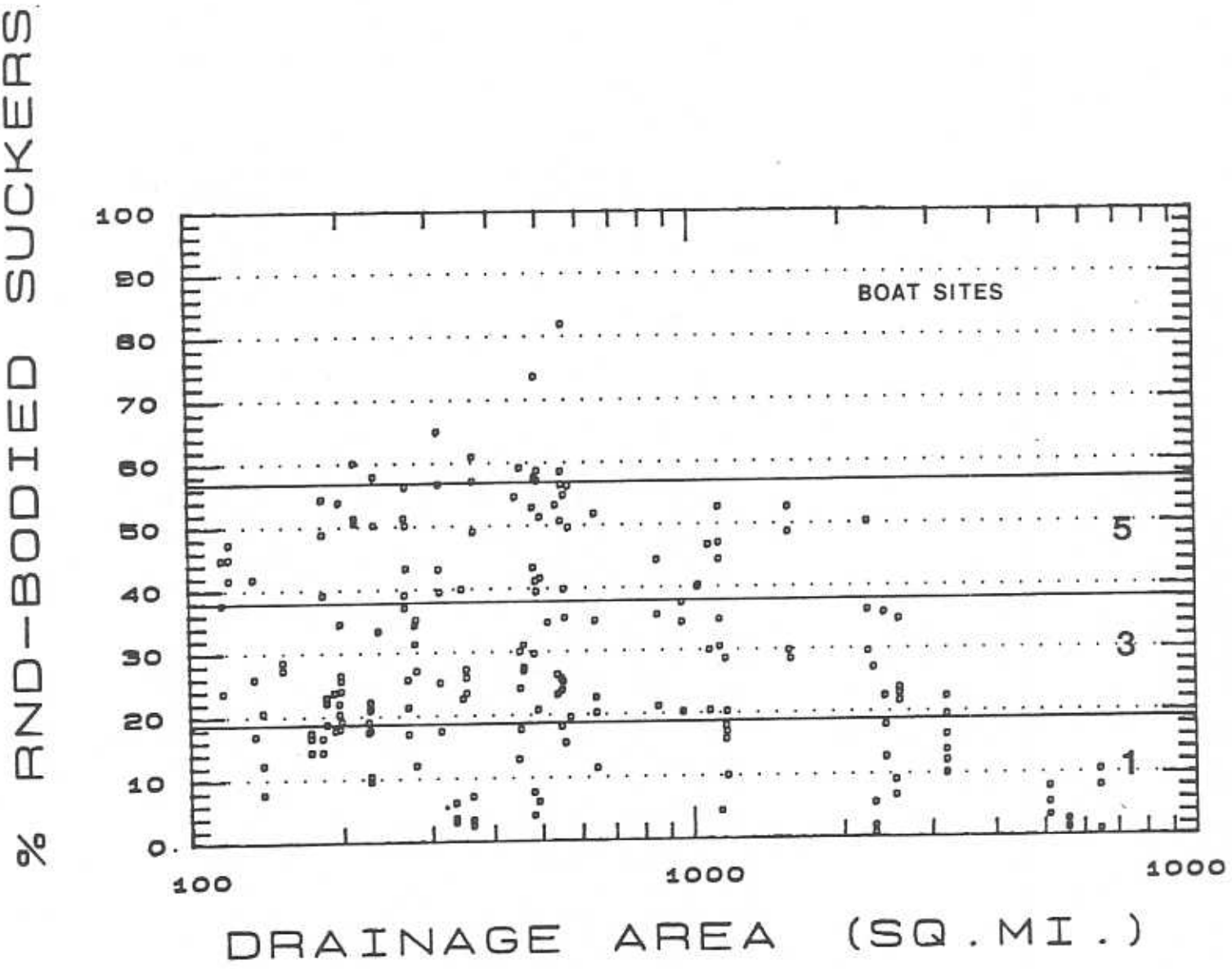

Figure 4-6. Percent of round-bodied suckers vs. drainage area (Boat sites) using the alternate trisection method (no drainage area relationship) for determining 5, 3, and 1 IBI scoring.

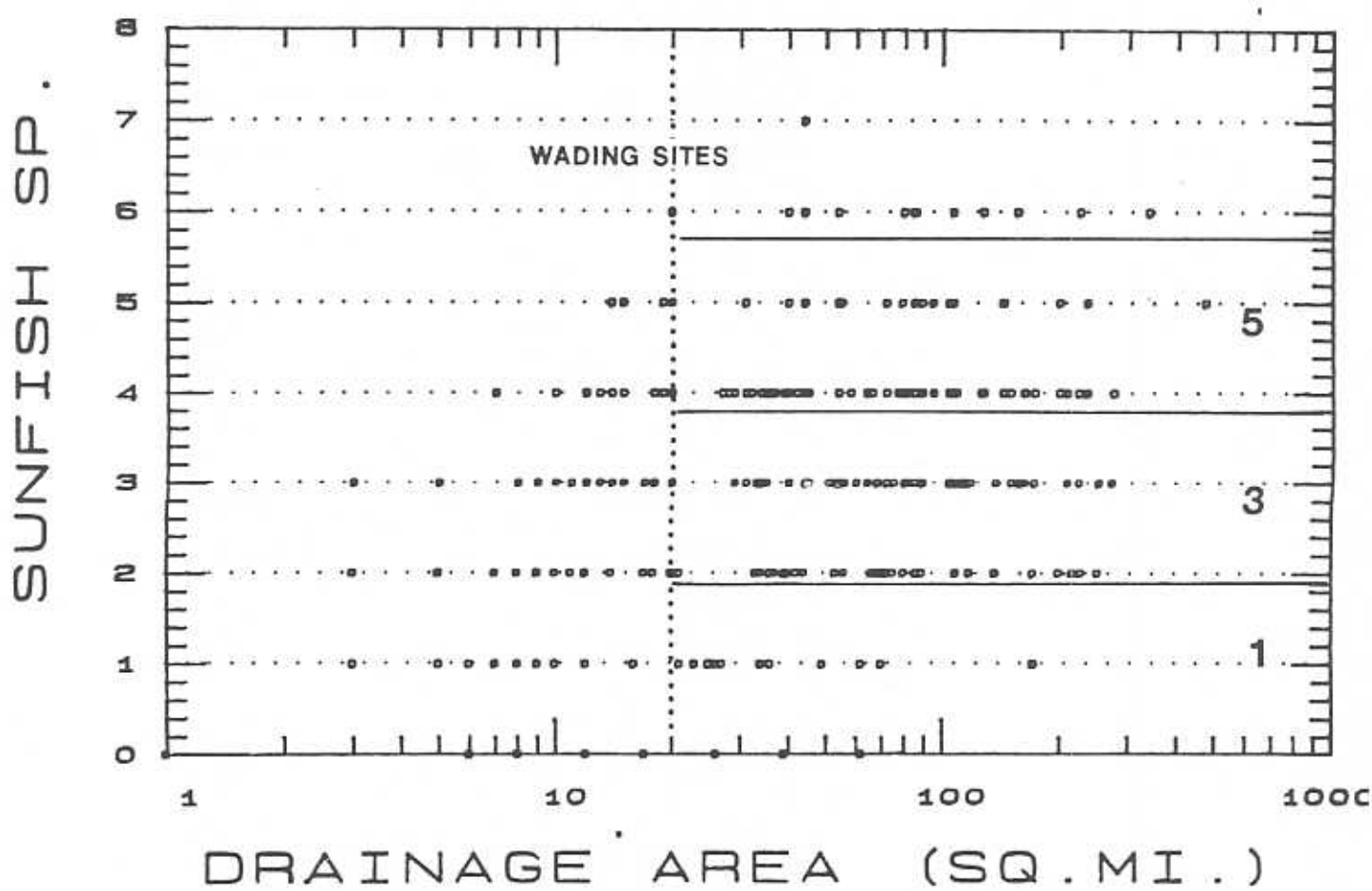

Figure 4-7. Number of sunfish species vs. drainage area (Wading sites) using the alternate trisection method (no relationship with drainage area) for determining 5, 3, and 1 IBI scoring. Values at sites draining less than 20 square miles are included for reference.

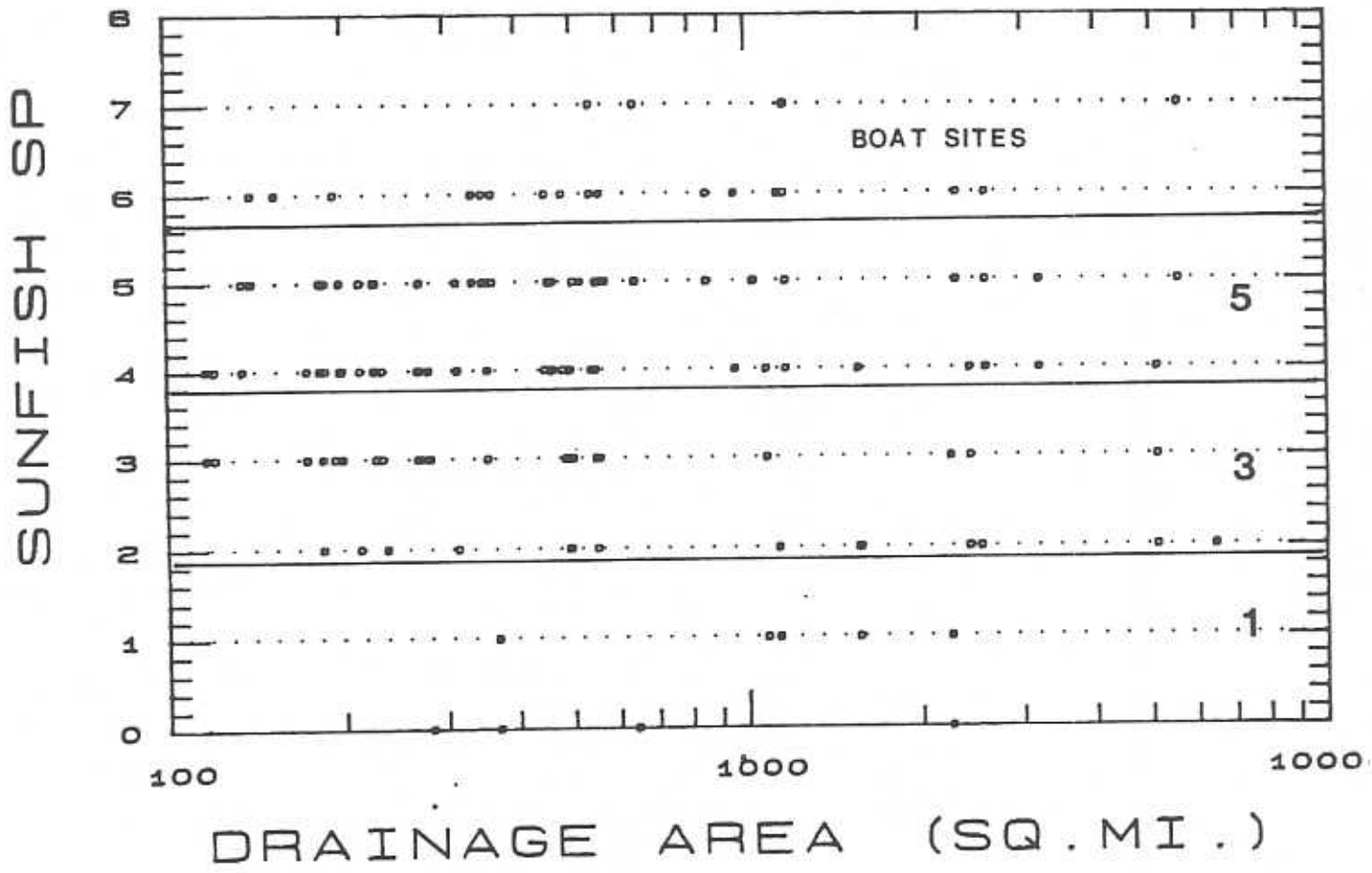

Figure 4-8. Number of sunfish species vs. drainage area (Boat sites) using the alternate trisection method (no relationship with drainage area) for determining 5, 3, and 1 IBI scoring.

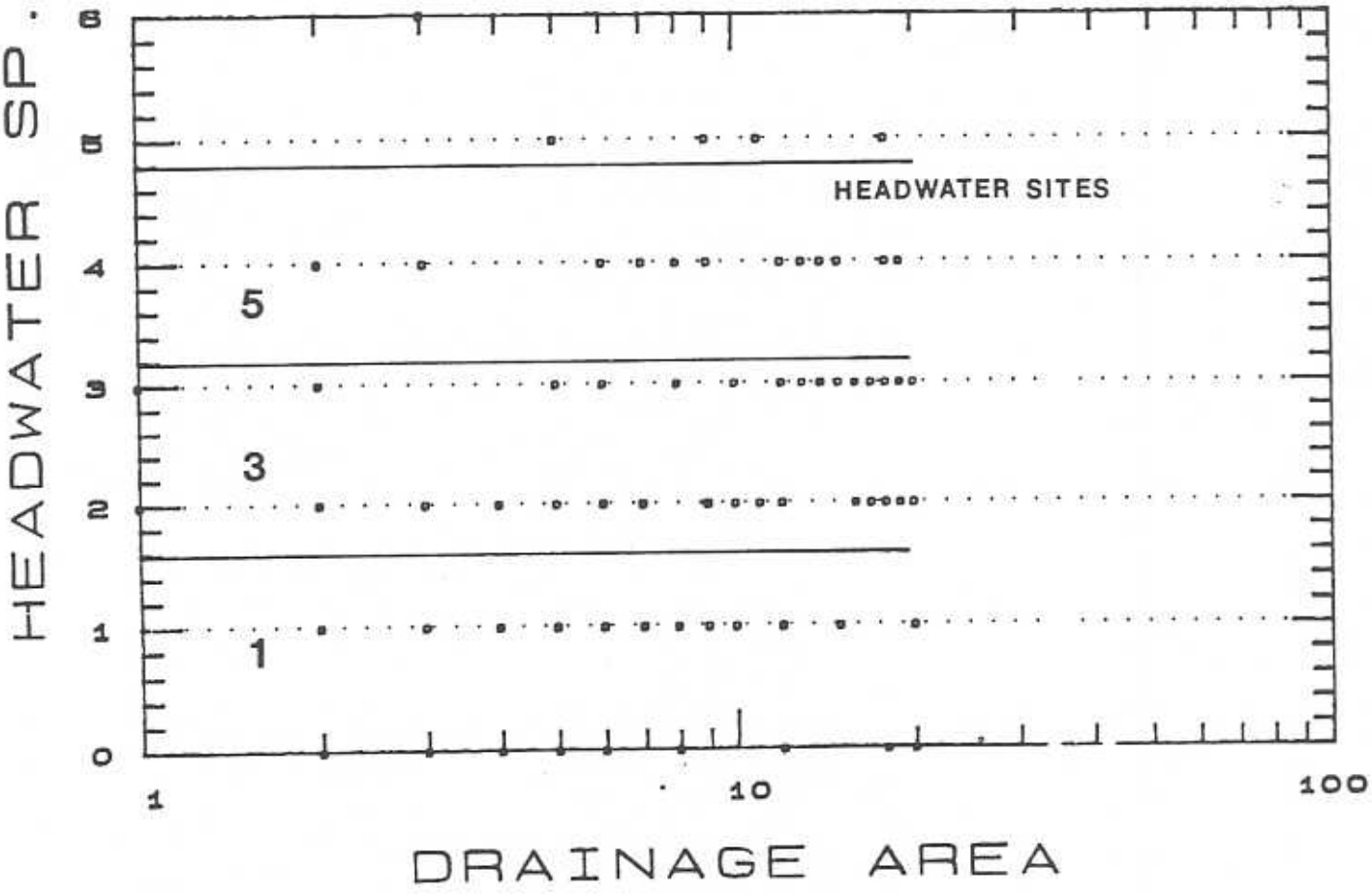

Figure 4-9. Number of headwaters species vs. drainage area (Headwaters sites) using the alternate trisection method (no relationship with drainage area) for determining 5, 3, and 1 IBI scoring.

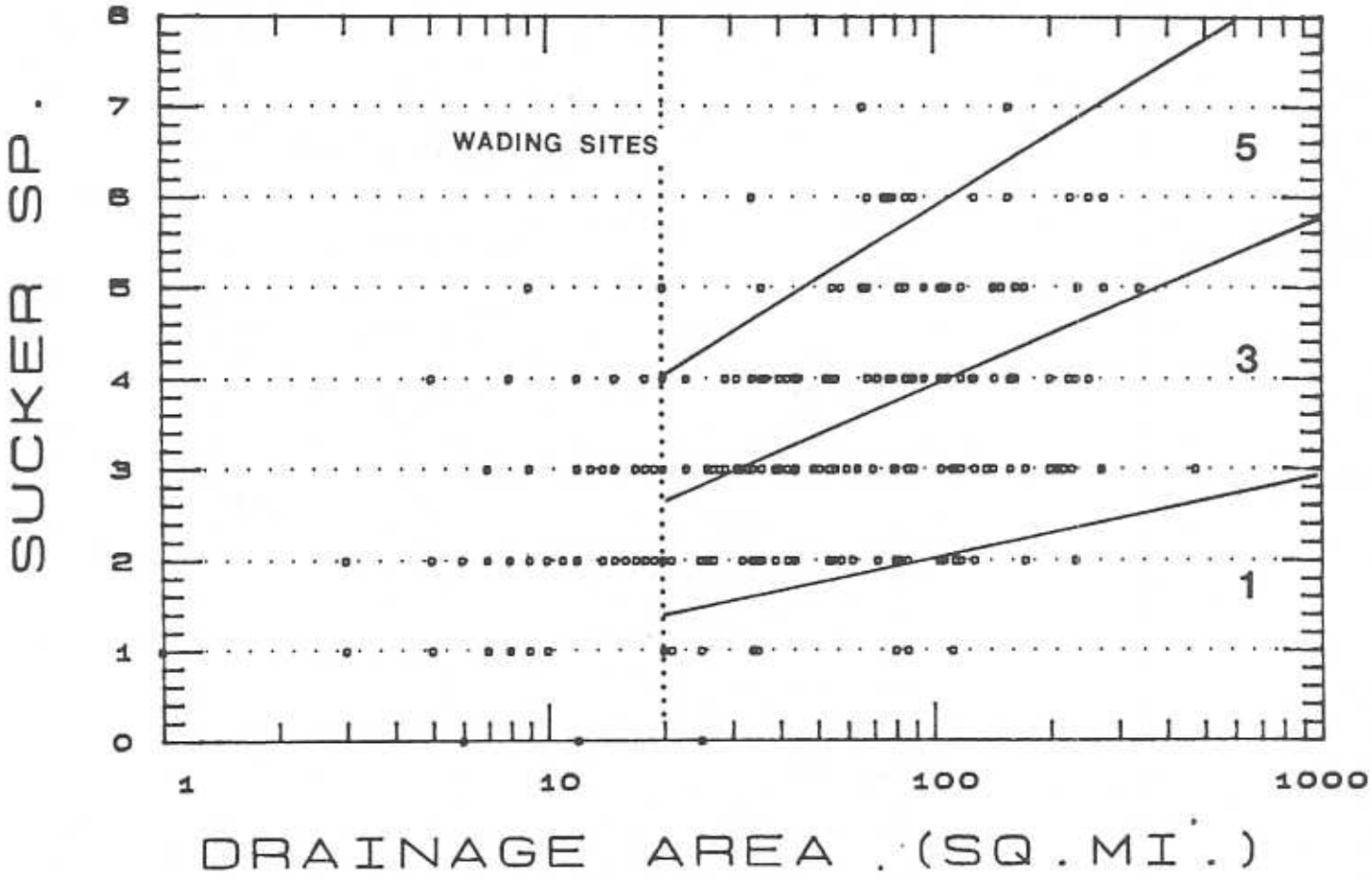

Figure 4-10. Number of sucker species vs. drainage area (Wading sites) using the standard trisection method (positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring. Values at sites draining less than 20 square miles are included for reference.

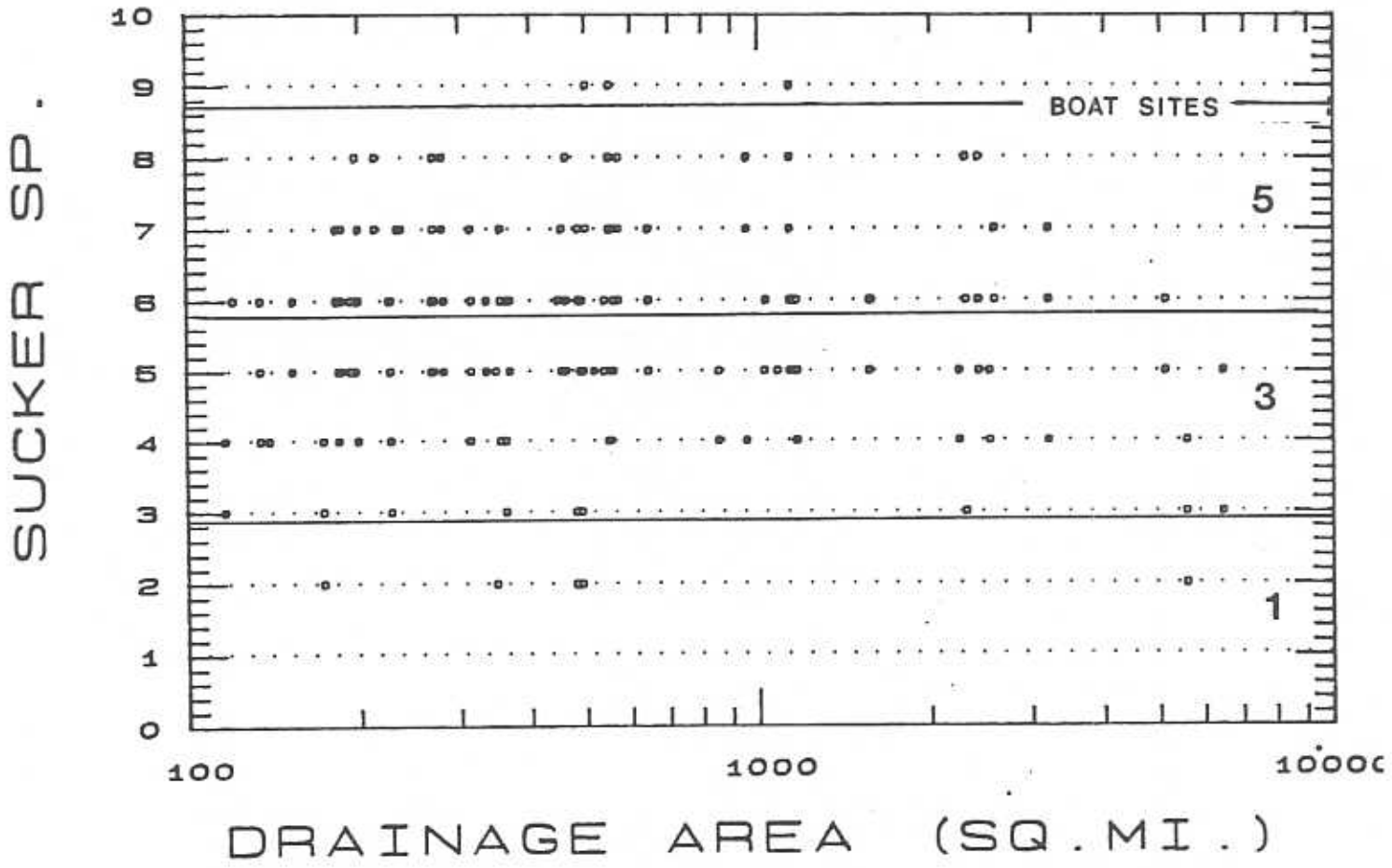

Figure 4-11. Number of sucker species vs. drainage area (Boat sites) using the alternative trisection method (no drainage area relationship) for determining 5, 3, and 1 IBI scoring.

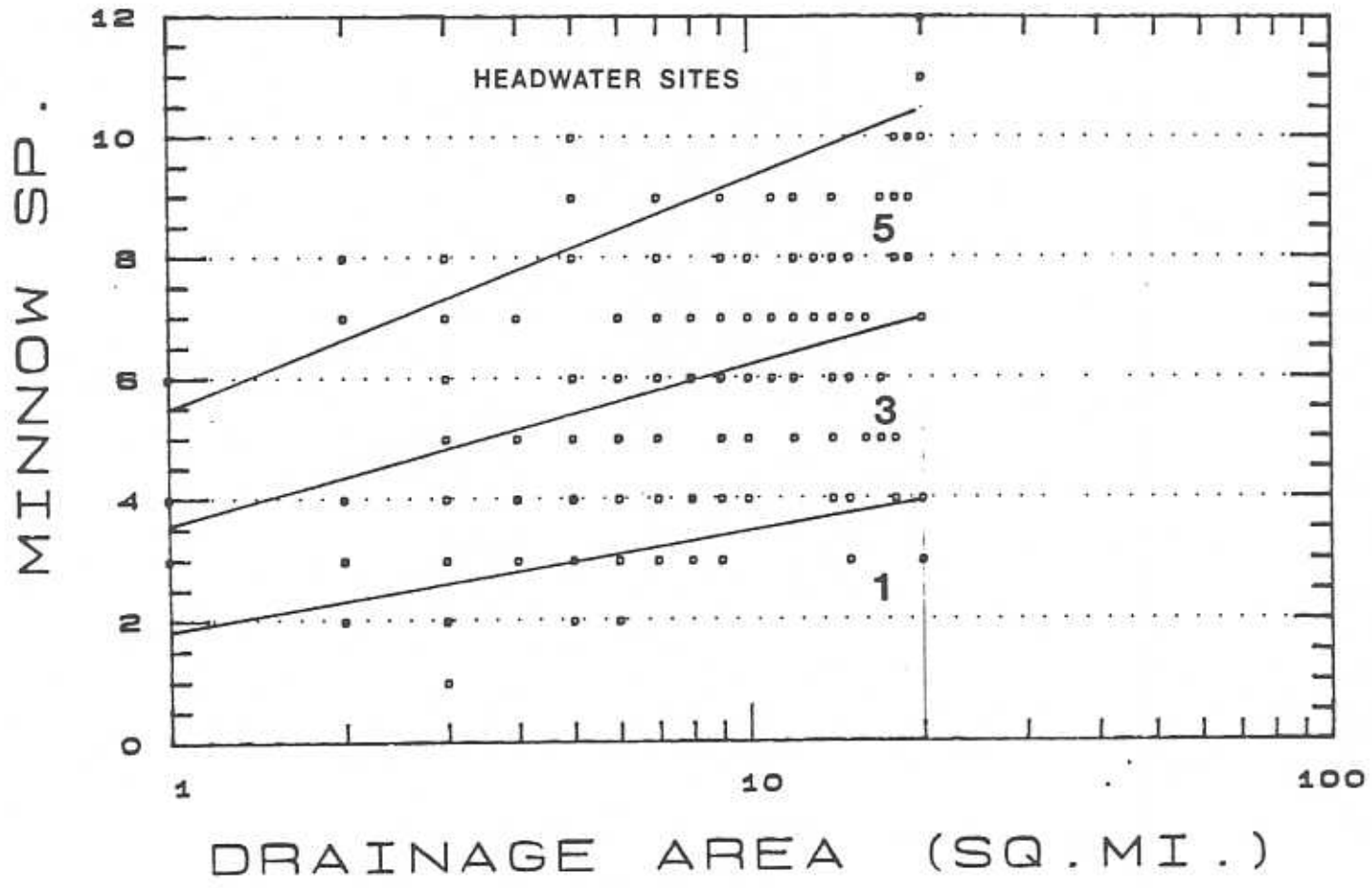

Figure 4-12. Number of minnow species vs. drainage area (Headwaters sites) using the standard trisection method (positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring.

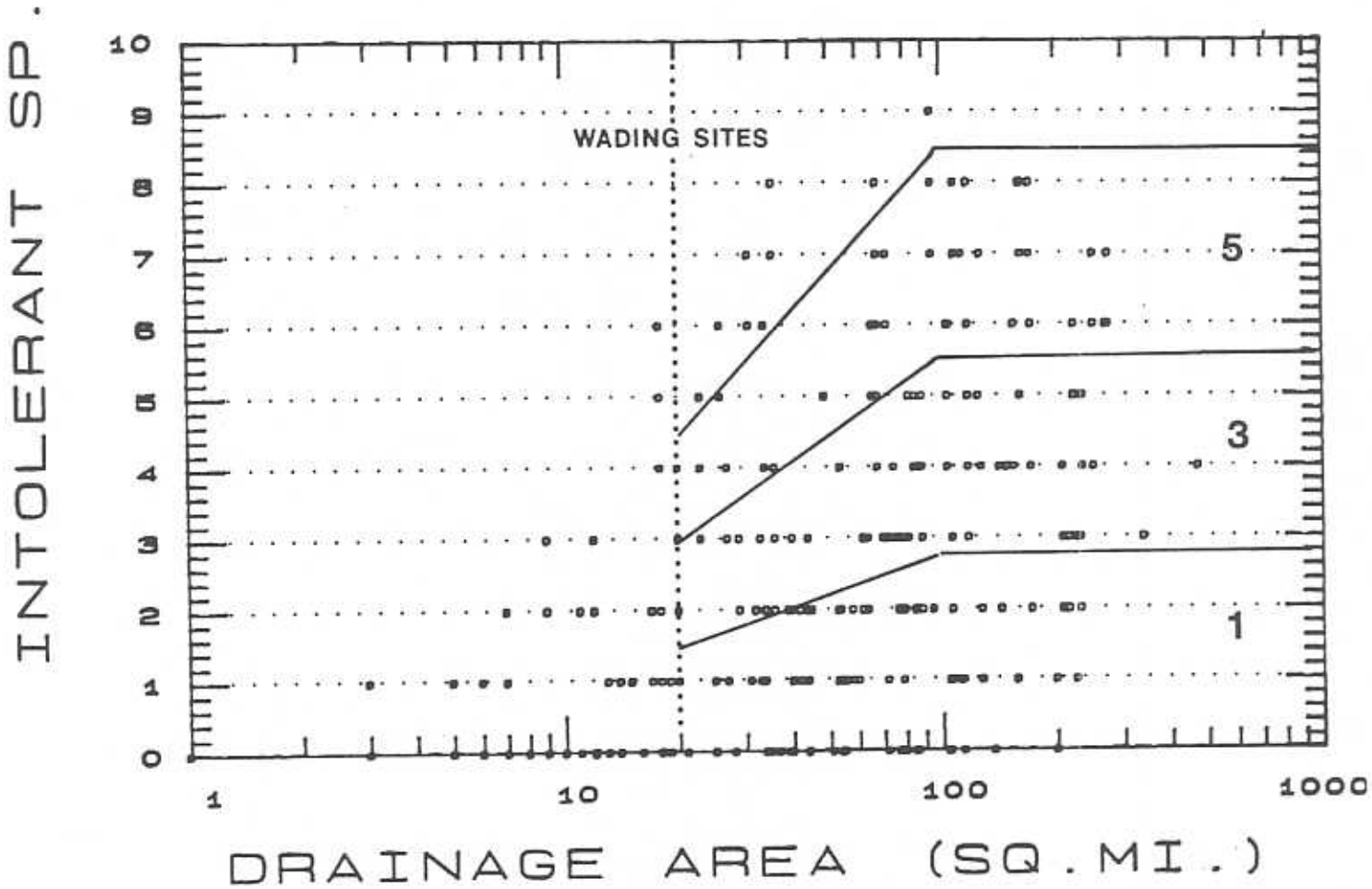

Figure 4-13. Number of intolerant species vs. drainage area (Wading sites) using both the standard and alternate trisection method (limited positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring. Values at sites draining less than 20 square miles are included for reference.

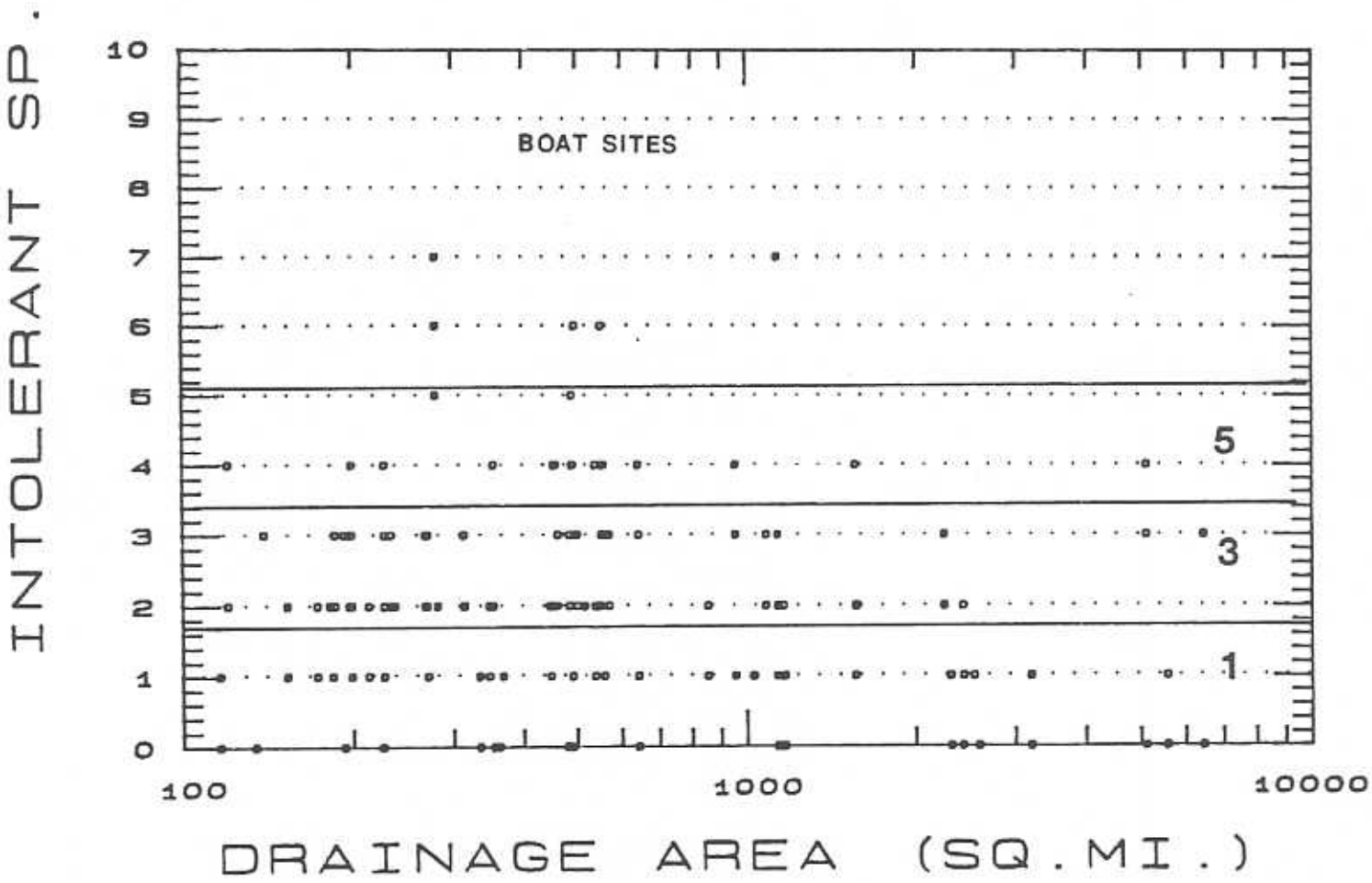

Figure 4-14. Number of intolerant species vs. drainage area (Boat sites) using the alternate trisection method (no positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring.

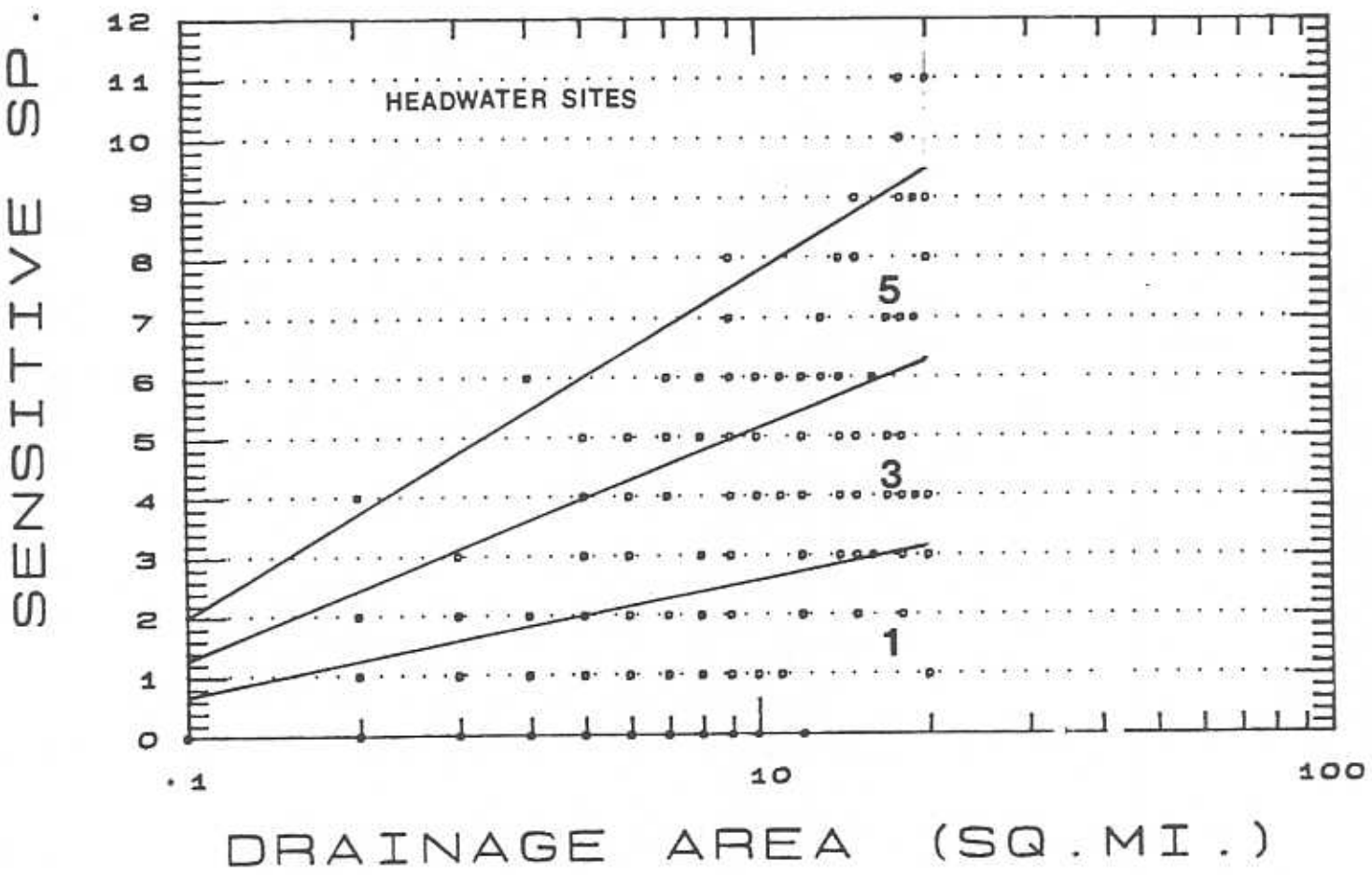

Figure 4-15. Number of sensitive species vs. drainage area (Headwaters sites) using the standard trisection method (positive relationship with drainage area) for determining 5, 3, and 1 IBI scoring.