

1980

Mississippi River Ecology

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0.76 (N = 50). The correlation coefficient comparing *SAT* and *ITBS-N* (N = 50) was 0.74. The 95% confidence limits for such comparisons occur between 0.60 and 0.85 using a table computed by Freund (1952).

Conclusion

The results of this study indicate a significant positive correlation between the tests results of *SAT* and *ITBS*. Such findings suggest that the *ITBS* results can serve as a useful indicator of achievement in science. Such information should prove useful to Iowa junior high teachers desiring an indirect assessment of the science achievement of students in their charge, especially in instances where time and funds are limited.

Literature Cited

- Freund, J.E. 1952. *Modern elementary statistics*. Prentice-Hall, pp. 264-268; 281-283; 395.
- Kvaraceus, W.C. and M.A. Lanigan 1948. Pupil performance on *Iowa Every-Pupil Test of Basic Skills* administered in the half year intervals in the junior high school. *Educational and Psychological Measurement* 8:93-100.
- Traxler, A.E. 1942. Comparison of scores on the revised edition and the older edition of the *Stanford Achievement Test*. *The Elementary School Journal* 42:616-620.

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Dates to Remember

- April 18 Iowa Academy of Science Annual Meeting, Simpson College, Indianola
- April 25 National Assoc. of Geology Teachers, Oshkosh, Wisconsin
- June 1-6 Environmental Education for Your Classroom, Drake University at Springbrook Conservation Education Center, Guthrie Center, Iowa
- Oct 9, 10, 11NSTA Area Convention, Cleveland, Ohio.

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Mississippi River Ecology

Luther College is offering a summer studies program on the Mississippi River ecosystem. Twenty-two ambitious high school students (with at least a B average) will be selected to participate. The program includes a 100-mile boat trip for data taking. The program is supported by NSF, and some scholarships are available. For information, contact: Dr. James Eckblad, Department of Biology, Luther College, Decorah, IA 52101.