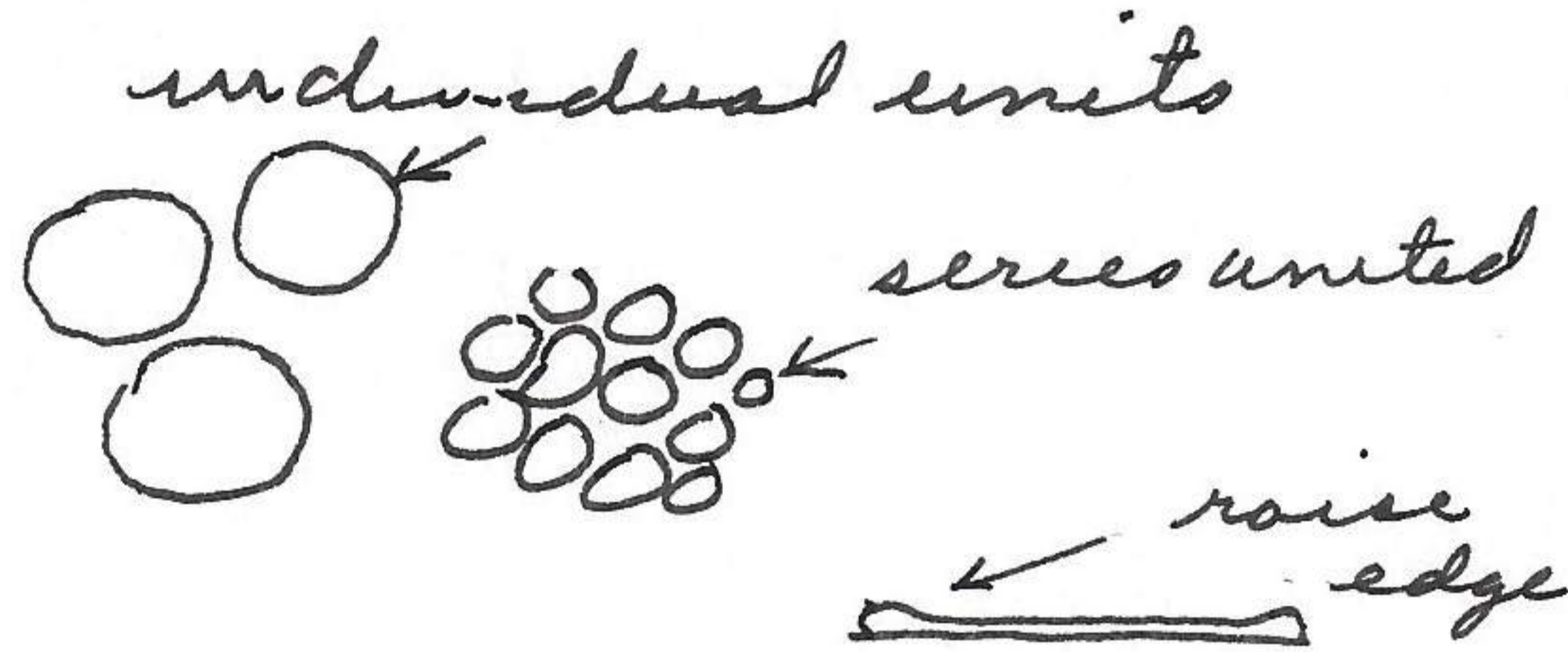
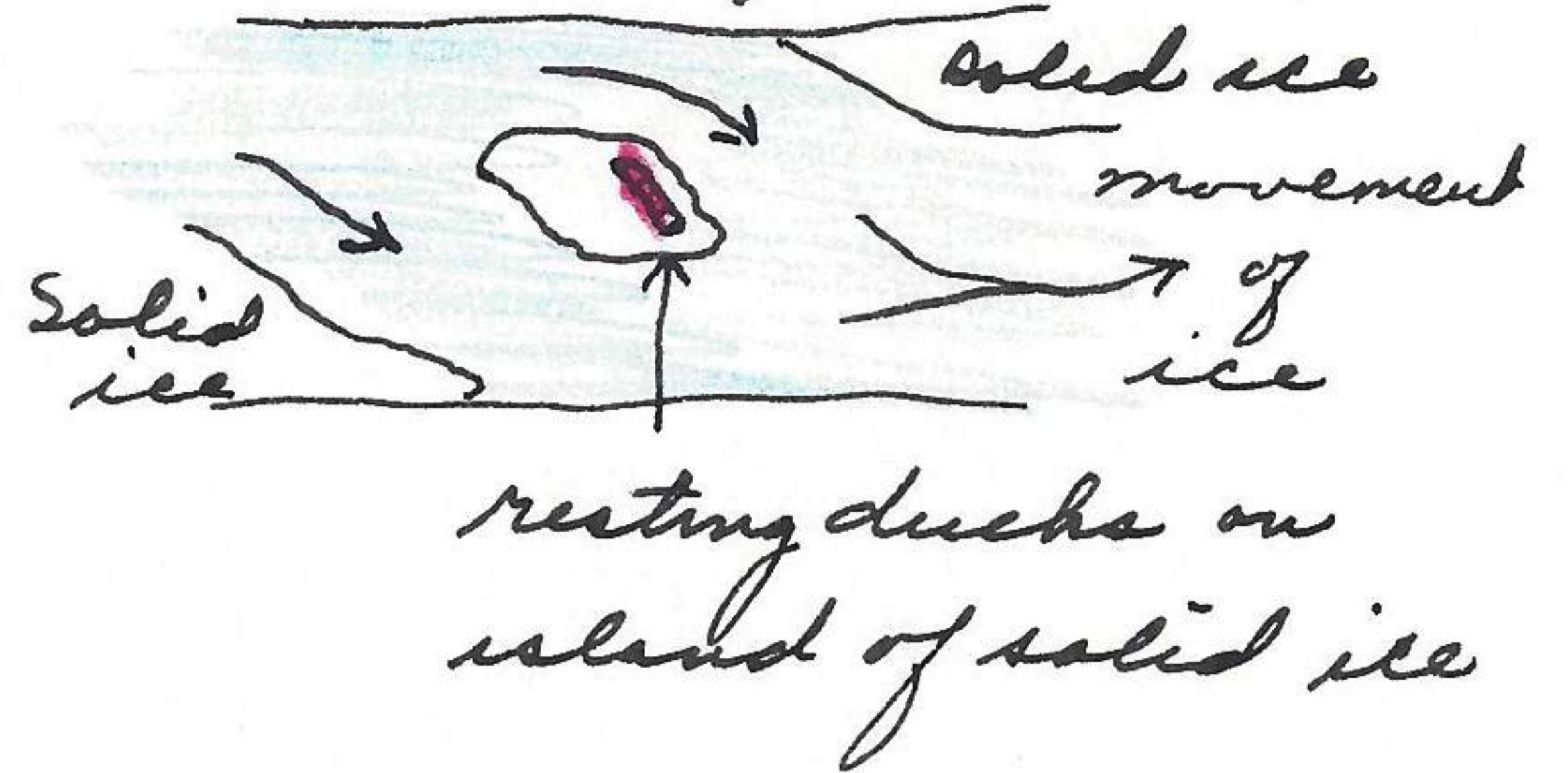


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Along the Kaw River West of Lawrence, Douglas Co., Kansas

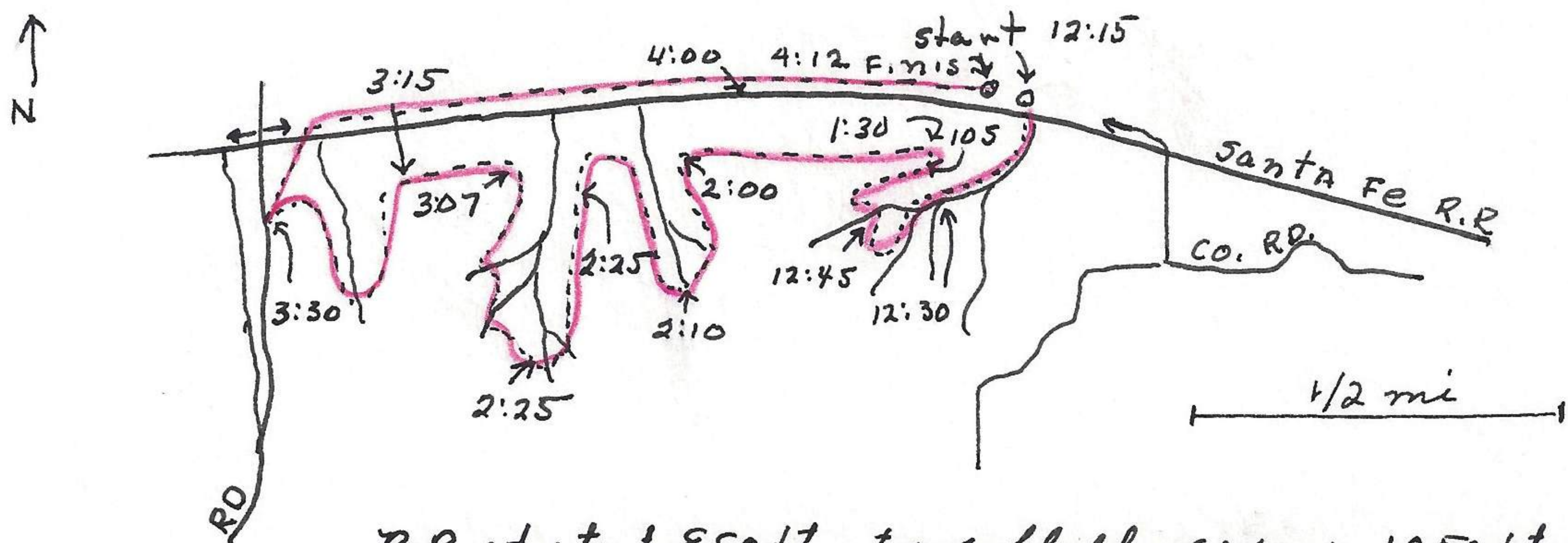
Jan 2, 1961

James Robert and I made trip along Kaw River west of Lawrence. At $1\frac{1}{10}$ mi. E and $1\frac{1}{2}$ mi. N Lakeview School (now a country club) noted a group of mallard resting on ice in middle of River. ^(11:00 A.M.) Initial estimate 45 but after birds were in flight counted exactly 74 showing again the tendency to underestimate ducks in flight or on the ground. The flowing part of river was filled with 90% ice. The flowing ice was made of circular units, some individually organized and movement circular, others united to form series of circular units.



Ice moving against side of solid ice making audible sound. This condition of moving ice is excellent for defining currents. The serpentine movement is the sight of beauty.

at the same point as above watch 6 Canadian geese fly down river. They deviated course and flew over to us and then continued down stream. One marsh hawk in area. In field NW of Lakeview noted 12 crows feeding in same field as noted several weeks ago. At point where road and R.R. tracks parallel river saw a rabbit leave R.R. grade and run across road to steep hillside as train passed. One red-tail (normal) on N side of river at this point. Also 12 juncos here. Arrived Leecompton 12:10 and continued to a point $1\frac{9}{10}$ mi. W and $1\frac{1}{10}$ mi. N Leecompton State Capital (old building)



R.R. at start 850 ft., top of bluffs approx 1050 ft.