

2 blue jays, redbellied woodpecker, 4 slate-colored juncos,
 2 black-capped chickadees, yellow-shafted flicker, 2
 cardinals. Good rapids below cliff area. There is evidence
 of native rock connecting the isolated knoll to left. The
 old channel is to the east of this isolated knoll and the
 river has perched thru ridge at a time when waters were
 considerably higher. 11:04 2 fox squirrels chasing each other
 beaver left shelter under bank debris. 11:09 drainage to
 left with stream graded to the Delaware River. 5 gals per
 5 secs. 2 blue jays and 2 chickadees. The riparian growth
 has not been altered except in channel proper and then
 only up to $\frac{3}{4}$ height of bank having been cut. Clouds
 no obscuring sun. High water mark $\frac{3}{4}$ feet 3 inches
 above present level of river. 11:06 2 crows, great horned owl. 11:17 yellow-shafted
 flicker, 2 red-bellied woodpeckers. 11:20 drainage left with
 1 gal. per 3 seconds. 2 redbellied woodpeckers, hairy woodpecker.
 11:23 redtail, 2 redbellied woodpeckers, 1 hairy woodpecker.
 11:26 raccoon tracks are common and average approx. 5 sets
 on each side of the river bank. redbellied woodpecker.
 There is more sand in banks than lower in the Delaware
 River drainage. The surface of the bank below the last
 high water mark is either smooth or sculptured, both created
 by erosion of water. Smooth surfaces are more frequently
 associated with curves. 11:28 yellow-shafted flicker, 2 redbell-
 ied woodpecker, 4 chickadees, 3 eastern bluebirds. Coyotes
 tracks occasionally noted on bank and less frequently
 fox tracks. 11:31 downy woodpecker, 2 white-breasted
 nuthatches. 11:34 drainage to left and graded to river but
 only 1 gal of water per 15 seconds. I have noticed that size
 or graded condition is not always correlated with the amount of
 water being carried. In addition to established drainages
 there are local spring areas and water from melting ice blocks.
 One can hear water dropping into river before one can recog-
 nize the source. Good rock bank just below & to left.
 Turbulence of water sufficient to create Indian foam below
 rapids (2 inch mass every 1 foot). 11:36 3 chickadees, redtail,
 2 cardinals, 4 redbellied woodpeckers, 4 slate-colored juncos.
 11:44 drainage to right and 1 gal per sec. Large boulders to
 water level. Good rapids below. These rapids are characterized
 by long stretches of continuous rapids. 2 redbellied wood-
 pecker, 2 chickadees, 2 bluejays, 2 fox squirrels. Good