

FIG. 1. Range map for *Gammarus minus*. Modified from Culver et al. (1995)

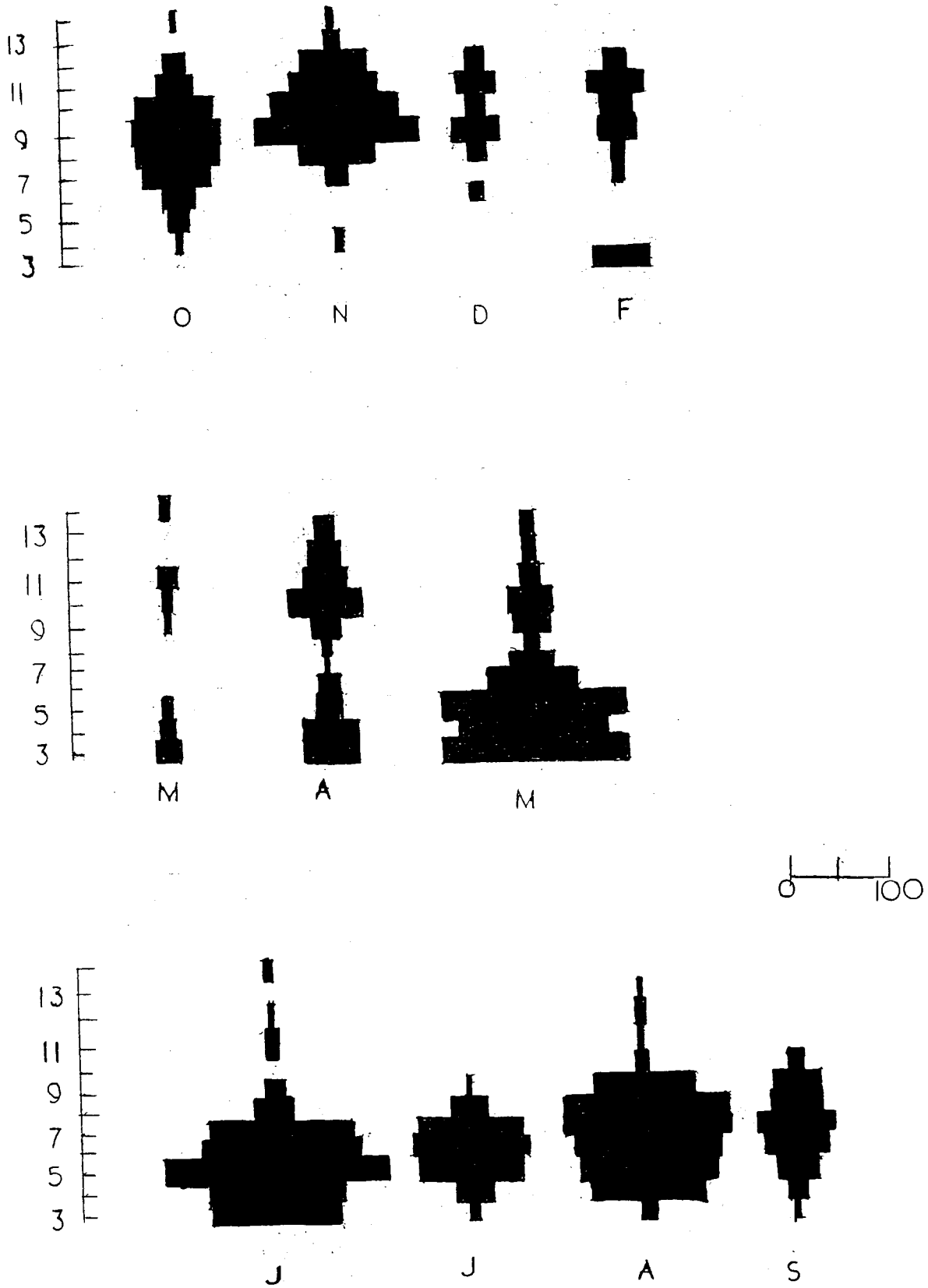


FIG. 2. Number of animals in each size class at Bradley Run from October 1986 to September 1987. Numbers on left are size classes in mm. Scale on right indicates number of animals.

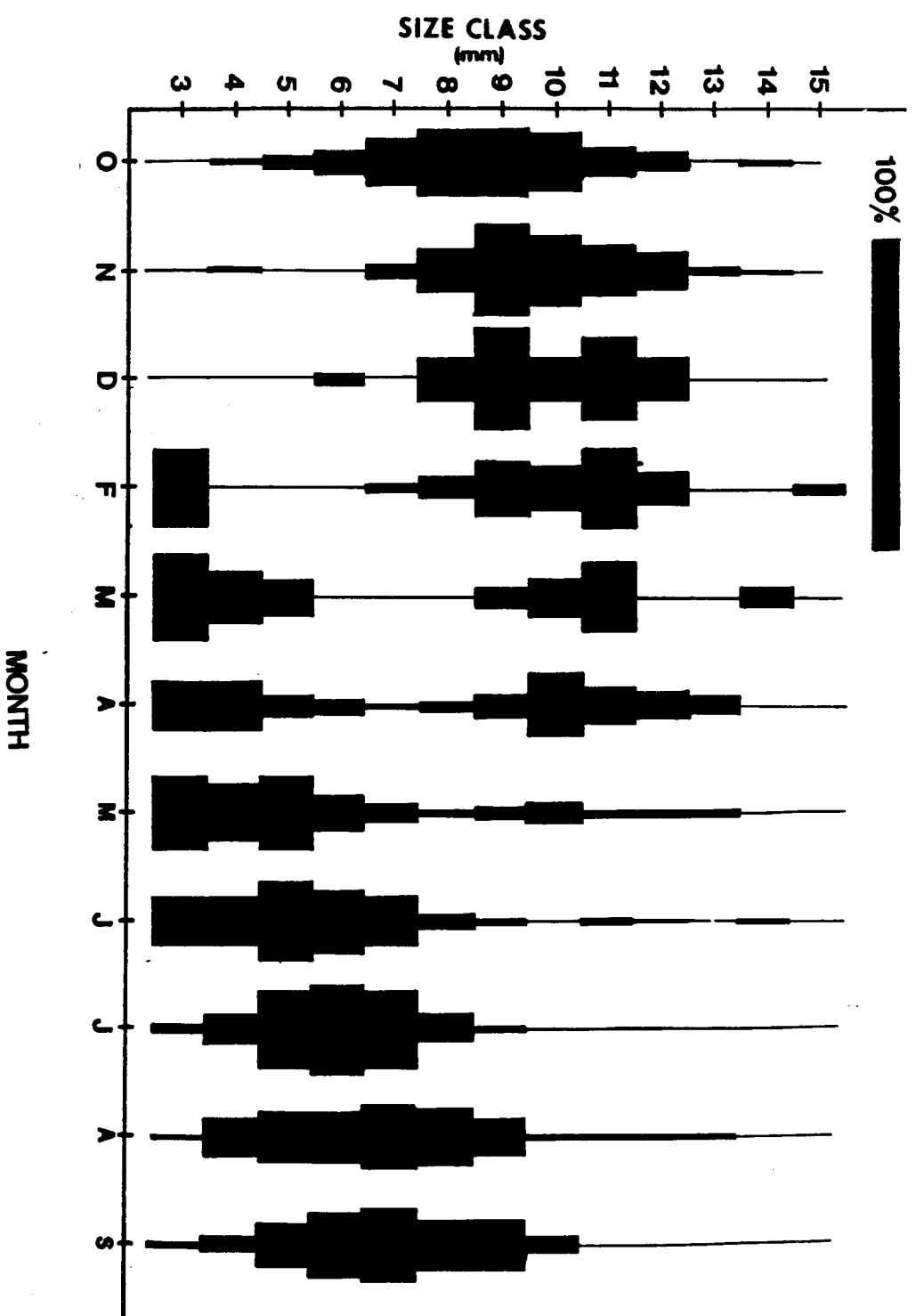


FIG. 3. Percentages of size classes at Bradley Run by month.

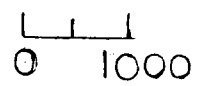
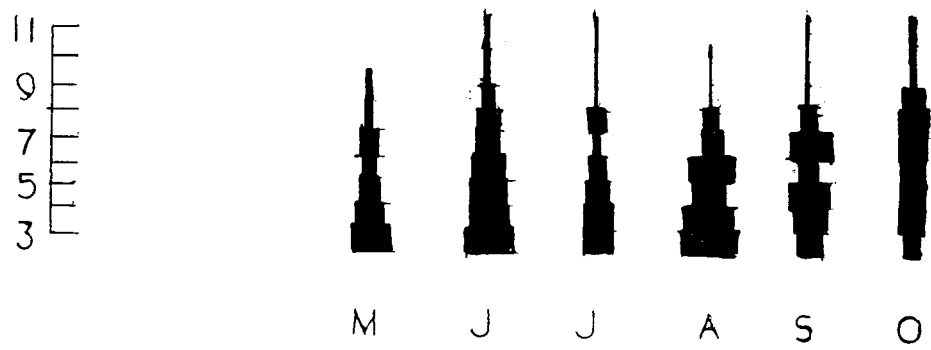
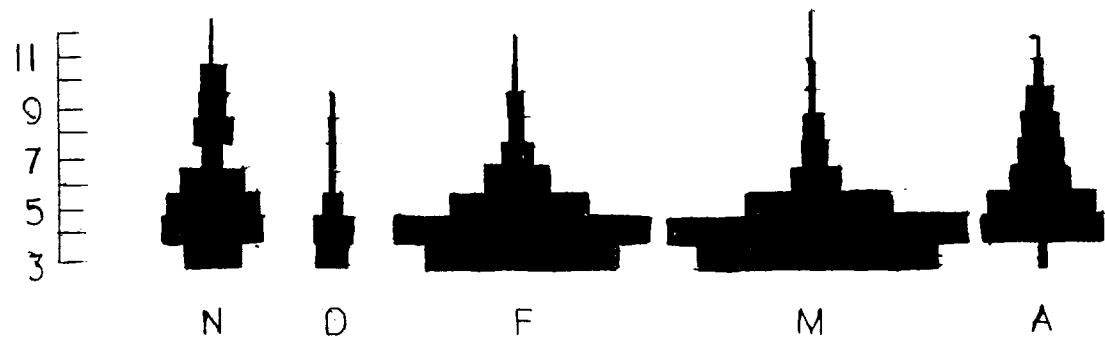


FIG. 4. Number of animals in each size class at Richards Creek from November 1986 through October 1987. Numbers on left are size classes in mm. Scale at bottom of figure indicates number of animals.

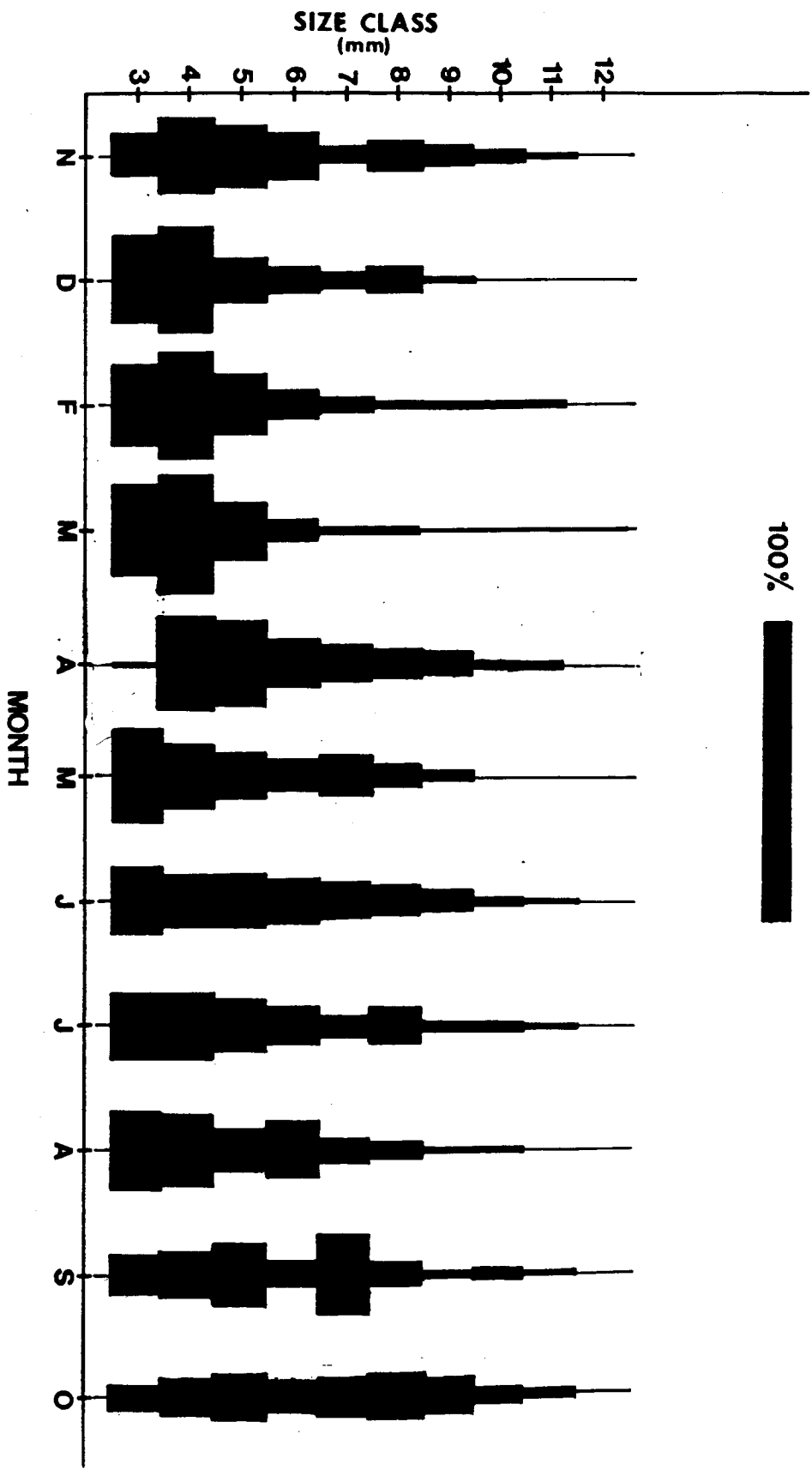


FIG. 5. Percentage of size classes at Richards Creek by month.

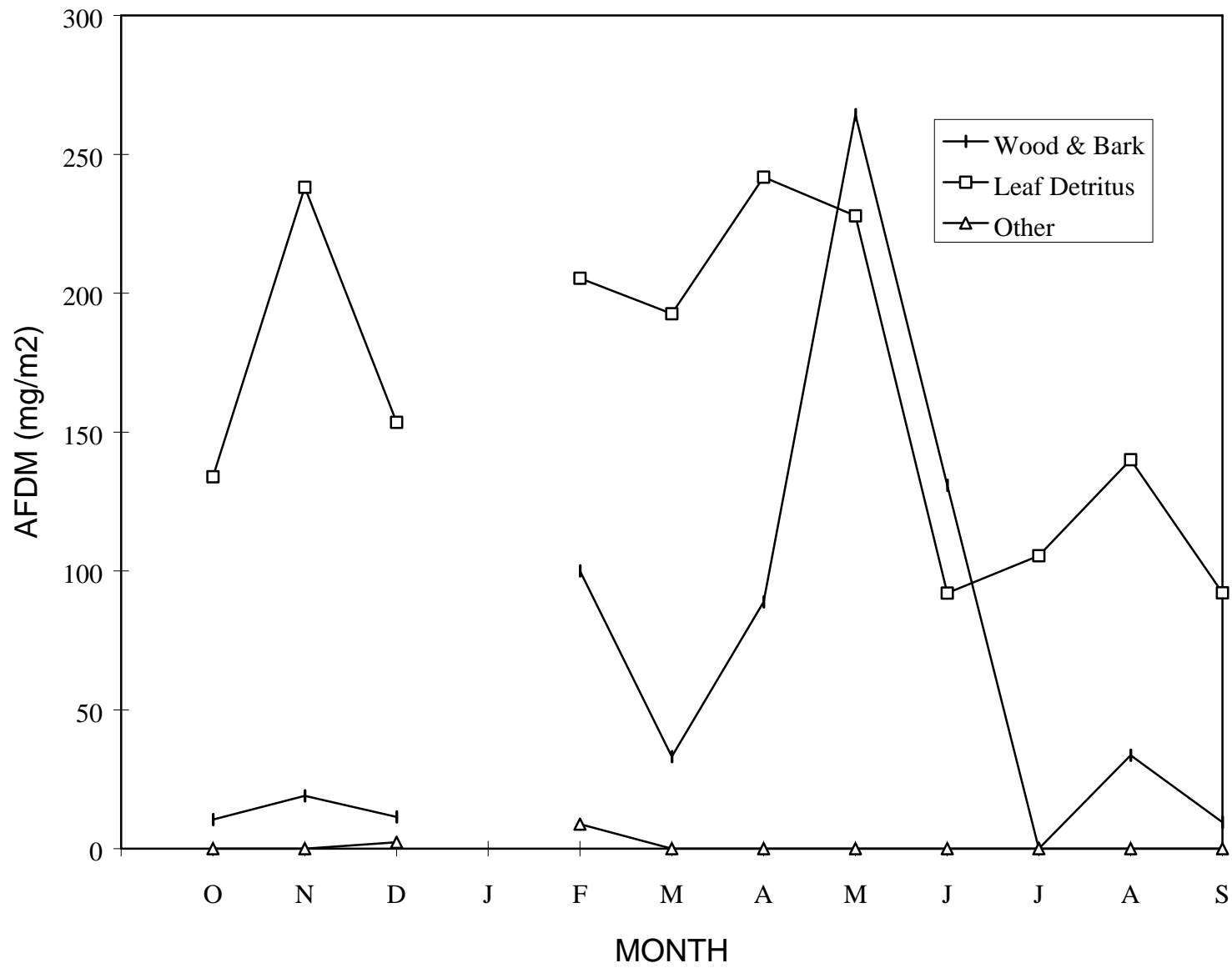


FIG. 6. Organic matter by type at Bradley Run, measured as ash-free dry mass (AFDM)/square meter.

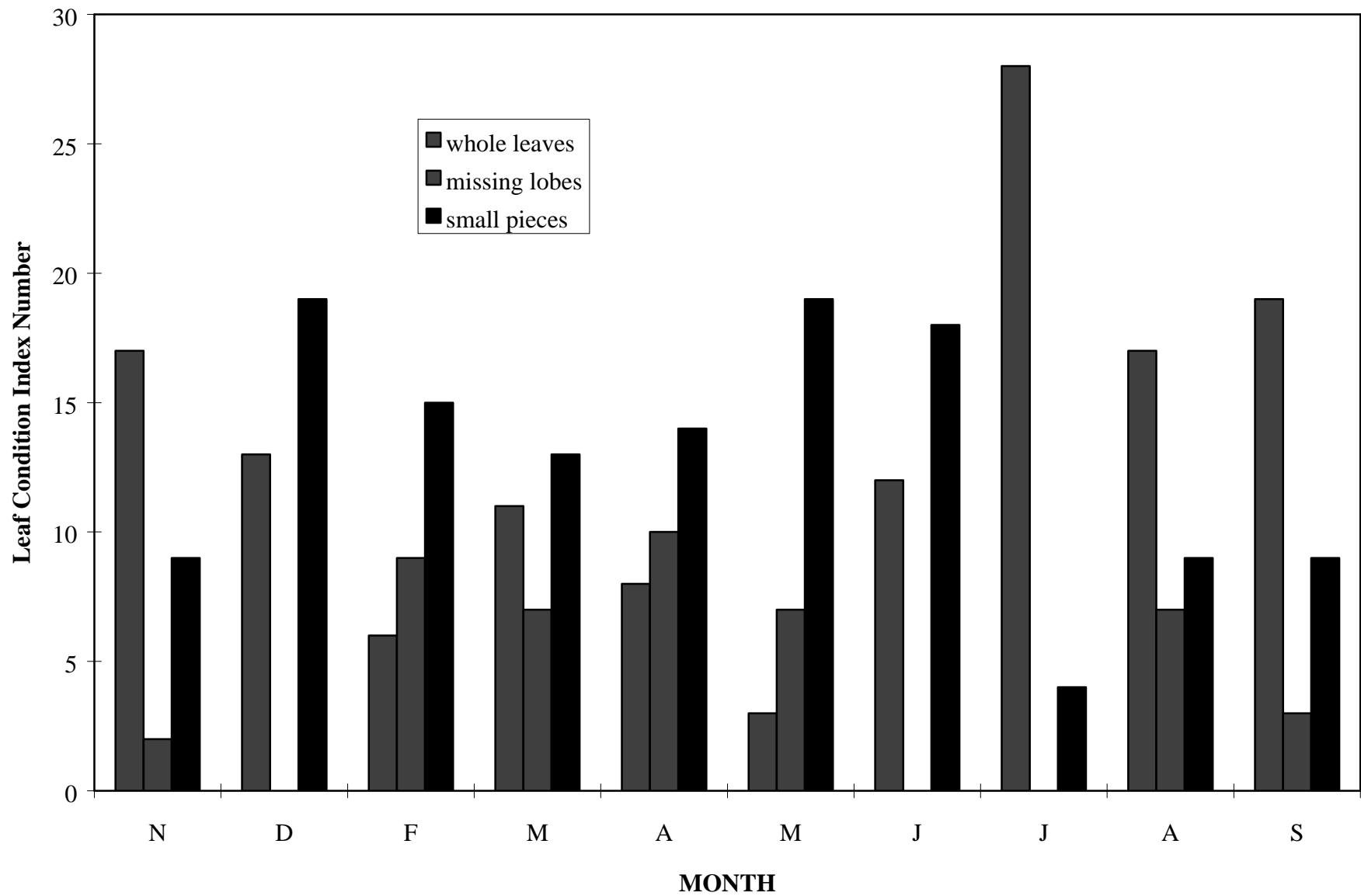




FIG. 7. Condition of leaf detritus at Badley run. The leaf condition index is an estimate of the proportion of leaf detritus in each of the three categories: whole leaves, leaves with missing lobes, and leaves in small pieces

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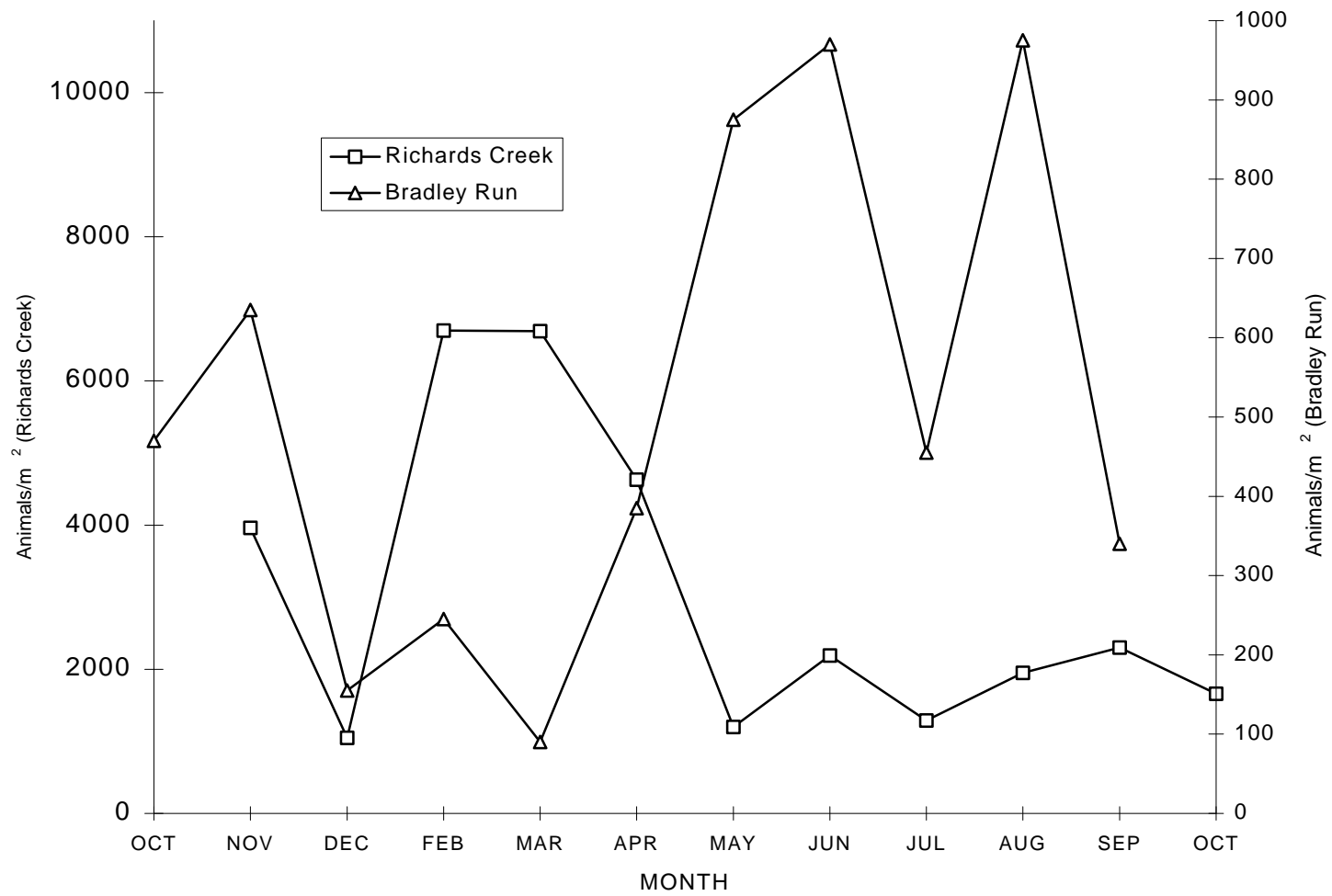


FIG. 8. Density of *G. minus* at Richards Creek and Bradley Run from October 1986 through October 1987.

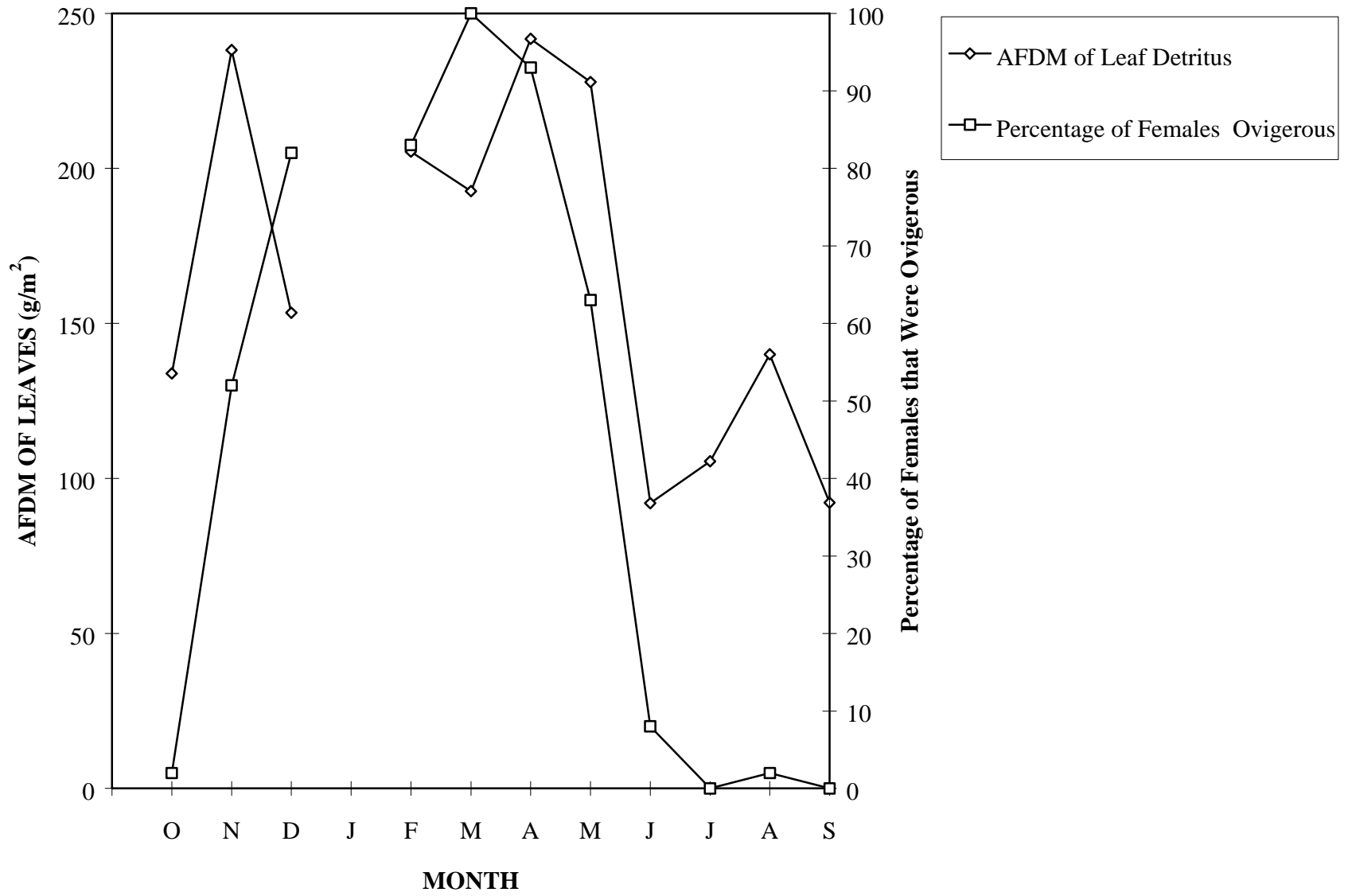


FIG. 9. Relationship of quantity of ash-free dry mass of leaf detritus to percentage of females that were ovigerous at Bradley Run.

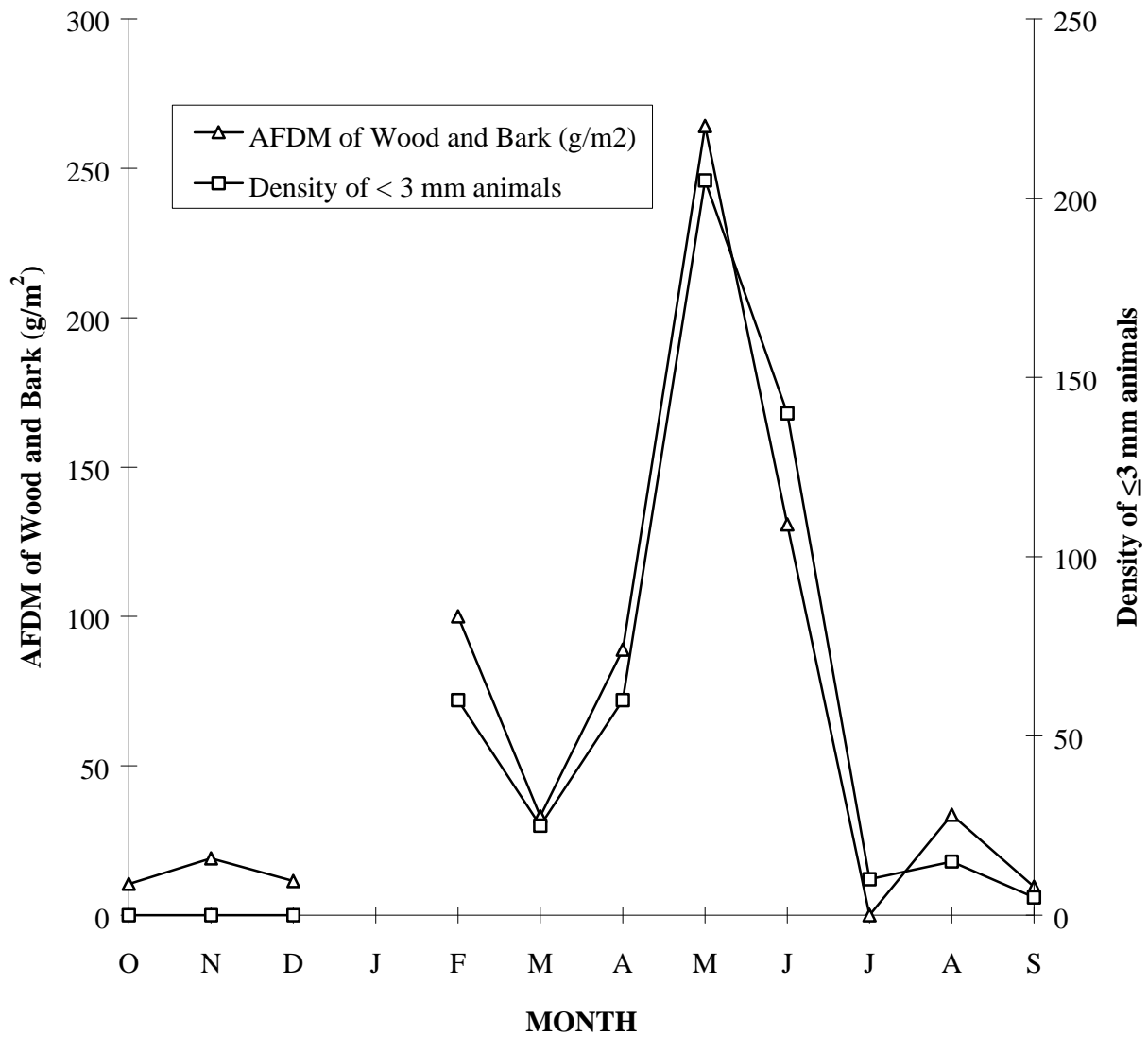


FIG. 10. Relationship of quantity of ash-free dry mass of wood and bark to density of smallest size class at Bradley Run.

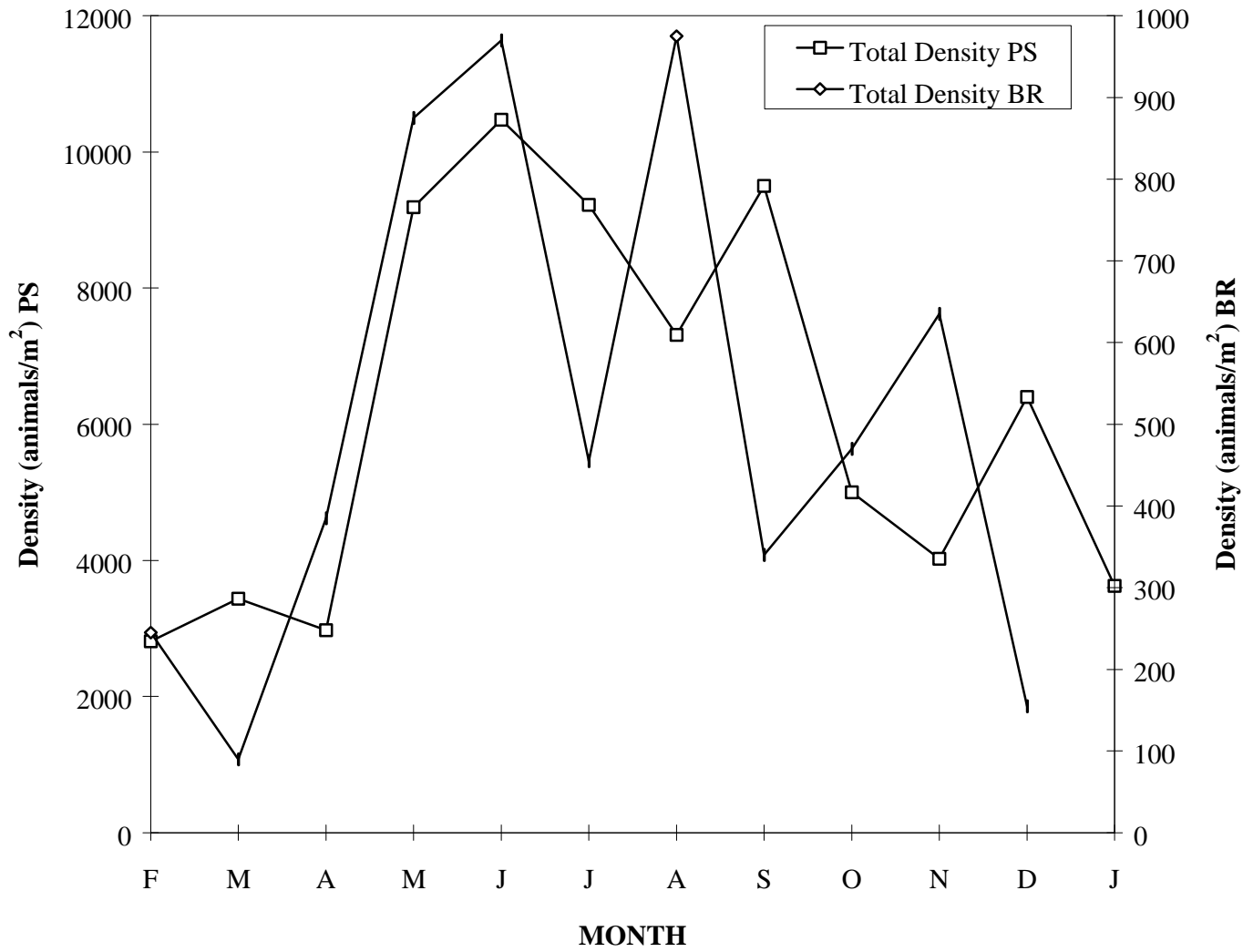


FIG. 11. Density of Pennsylvania (Kostas, 1979) and Bradley Run populations at different times of the year. Bradley Run values are not all for consecutive months. Note differences in scales.



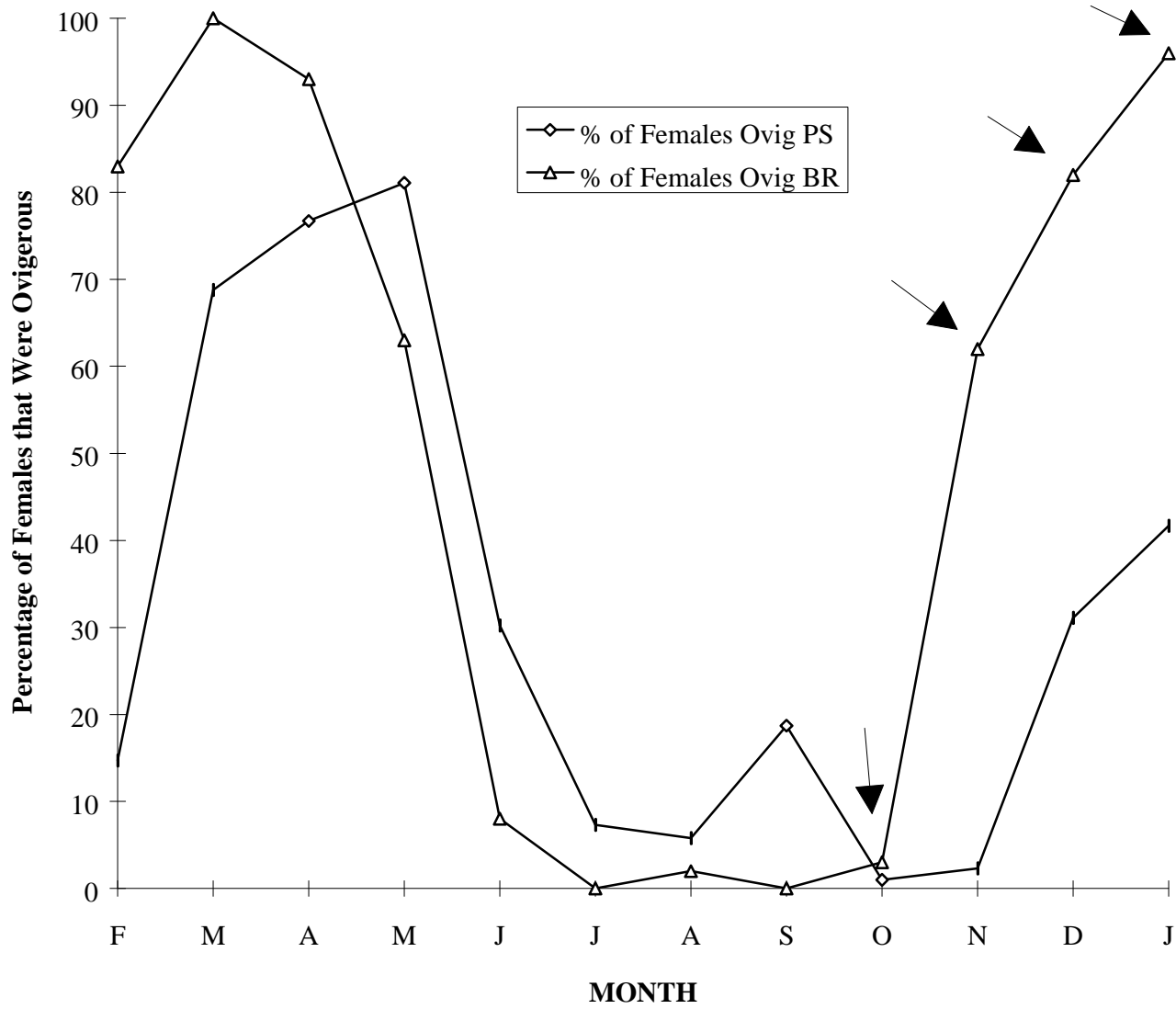


FIG. 12. Percentage of females that were ovigerous in PA (PS) (Kostalos, pers. comm.) and Bradley Run (BR) populations. Bradley Run values for O, N, D, and J are composite values.