

Moraine age  
[years]

Irrigation intensity

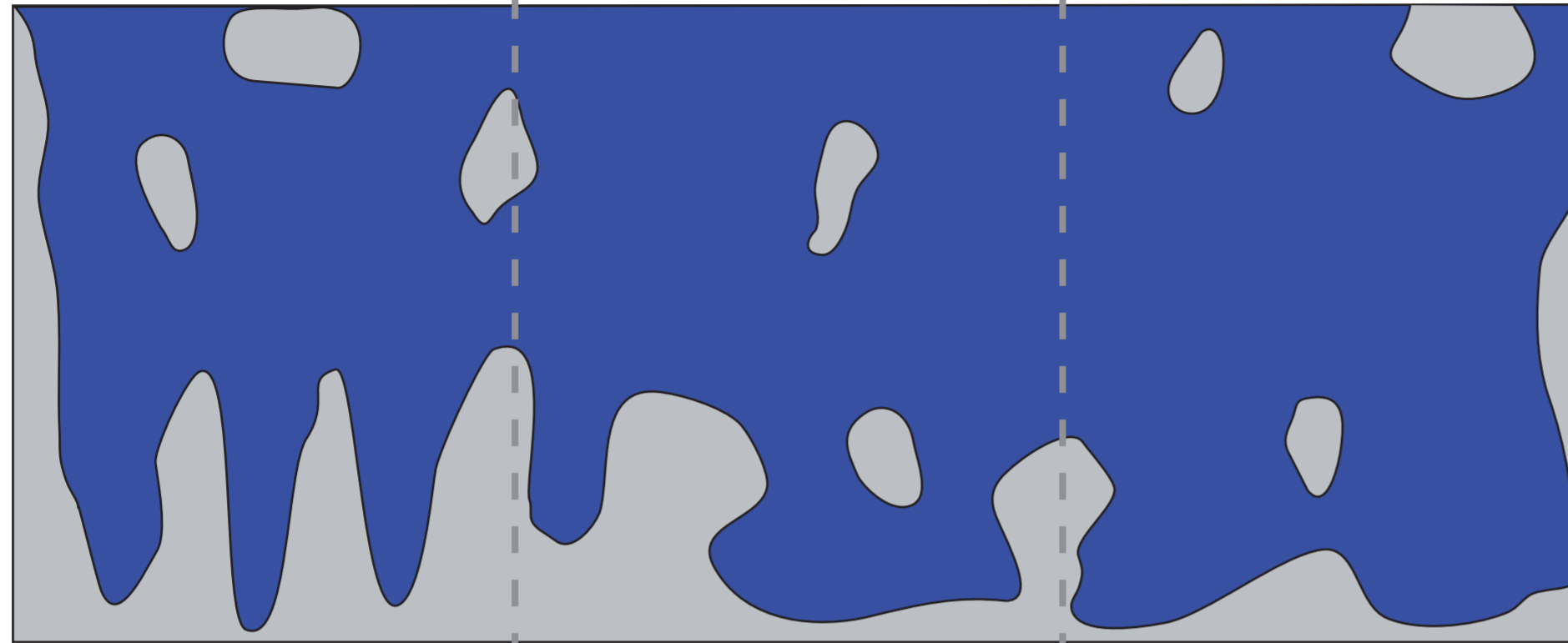
20 mm h<sup>-1</sup>

40 mm h<sup>-1</sup>

60 mm h<sup>-1</sup>

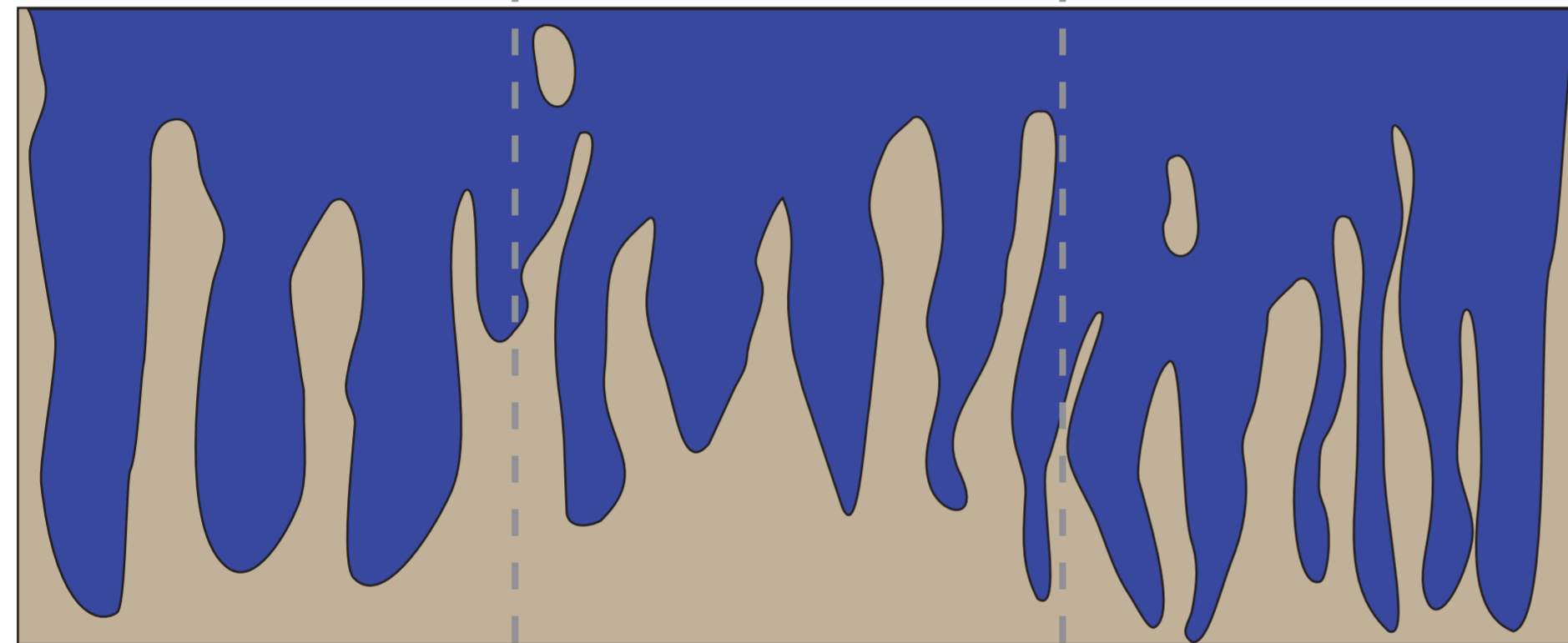
Observed changes with increasing  
irrigation intensity:

110/  
160



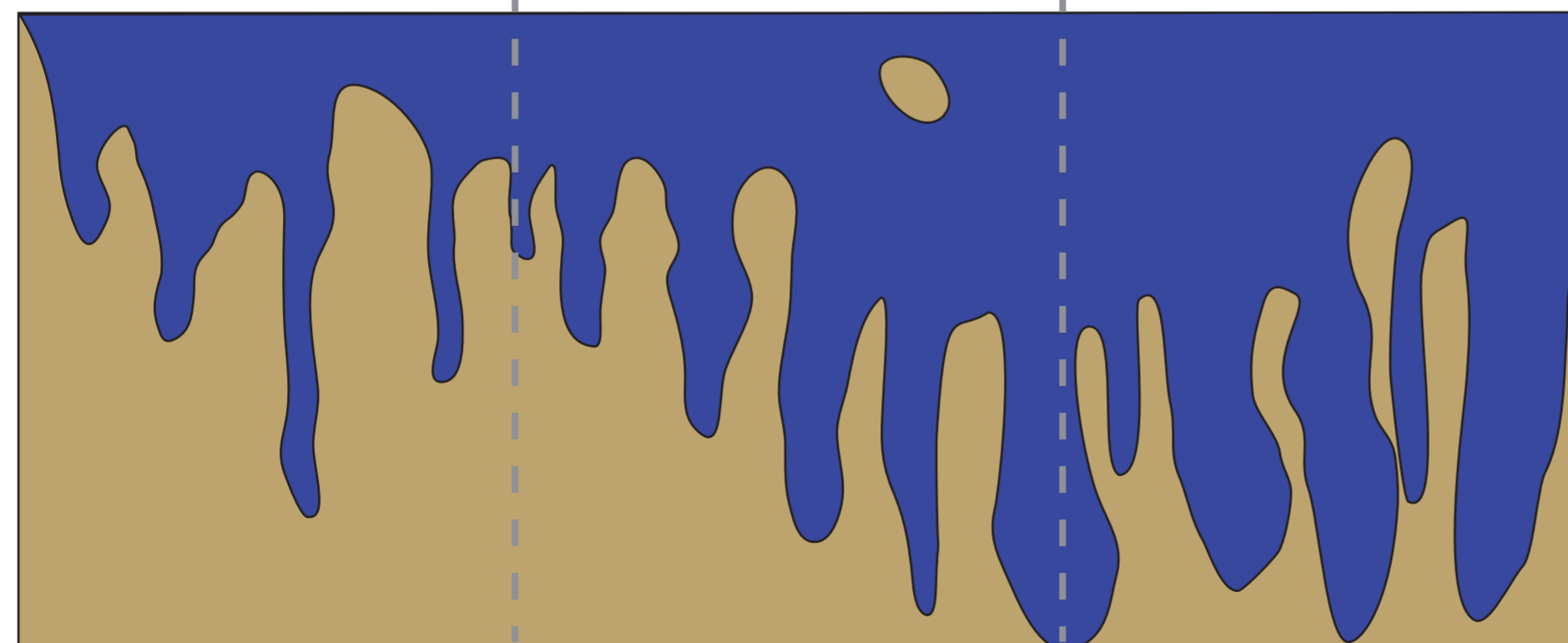
Decrease in number of flow paths  
Widening of flow paths  
(Only at bare plots: decrease in dye coverage)

4.9k



Increase in dye coverage  
Increase in number of flow paths  
Thinning of flow paths

13.5k



Increase in dye coverage  
Increase in number of flow paths  
Widening of flow paths  
Increase in infiltration depth

Characteristic dye patterns