

## BST: ordered symbol table operations summary

	sequential search	binary search	BST
<b>search</b>	N	$\lg N$	h
<b>insert</b>	1	N	h
<b>min/max</b>	N	1	h
<b>floor/ceiling</b>	N	$\lg N$	h
<b>rank</b>	N	$\lg N$	h
<b>select</b>	N	1	h
<b>ordered iteration</b>	$N \log N$	N	z

h = height of BST (proportional to  $\log N$  if keys inserted in random order)

order of growth of running time ordered symbol table operations.