

3.2 BINARY SEARCH TREE DEMO

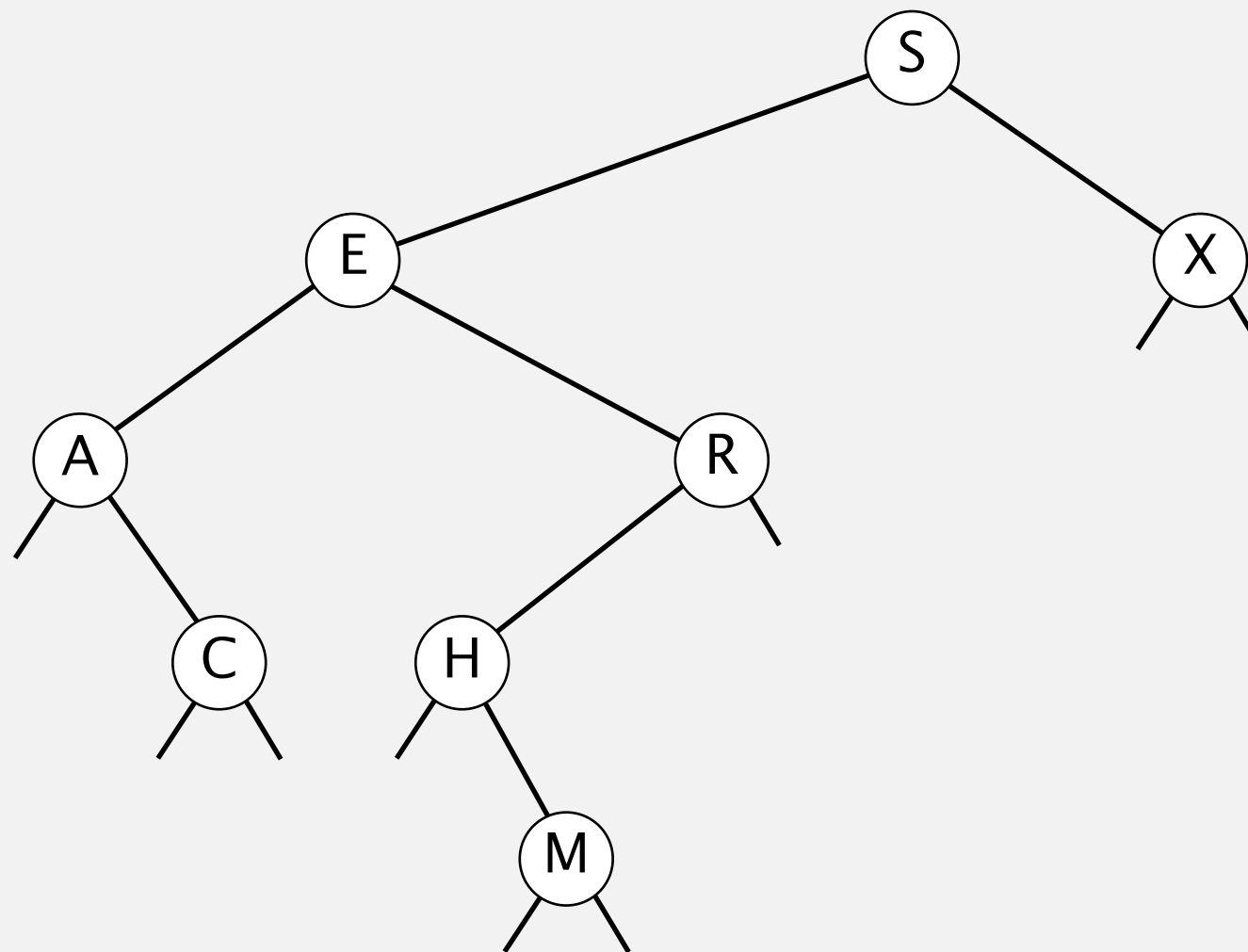


<http://algs4.cs.princeton.edu>

Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

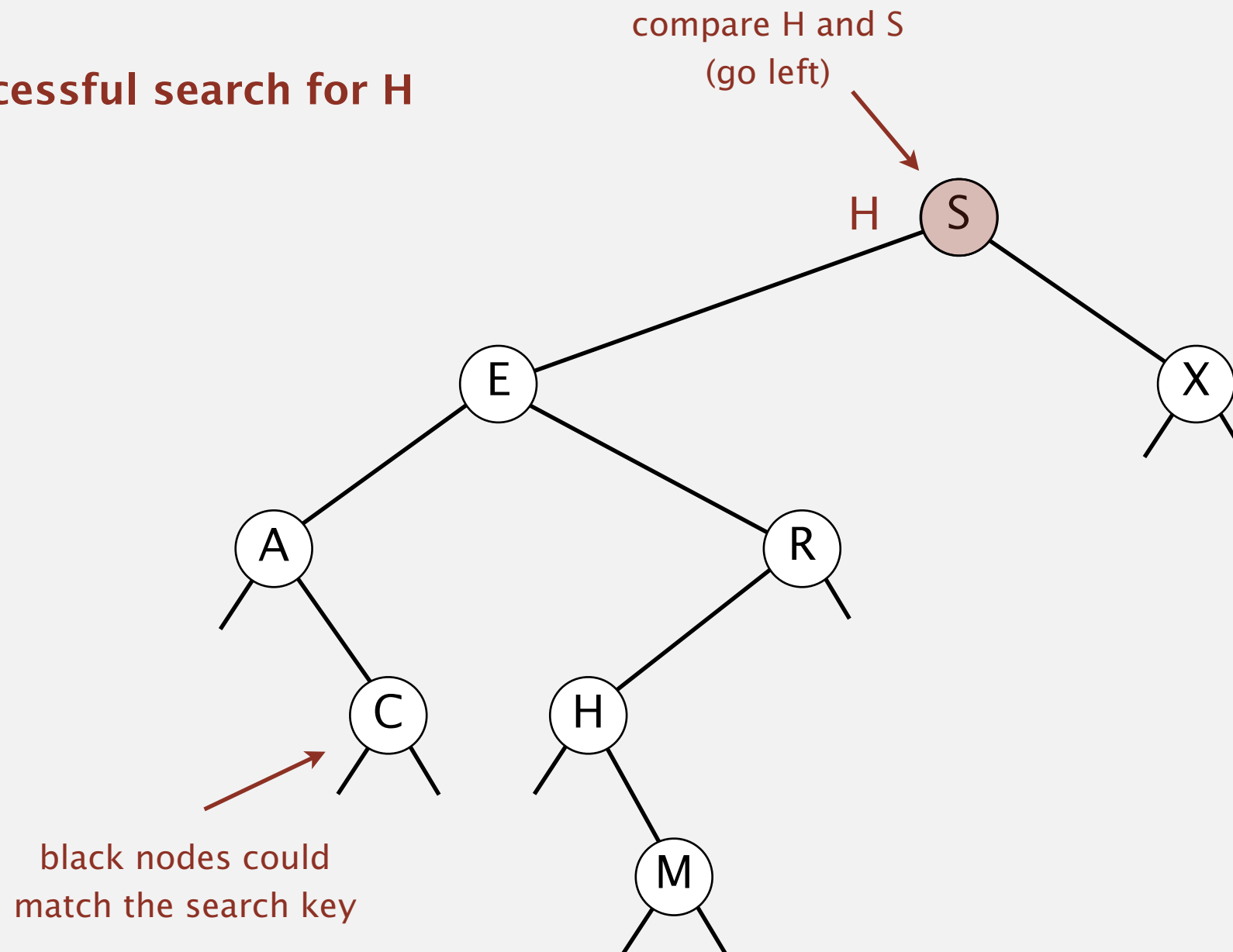
successful search for H



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

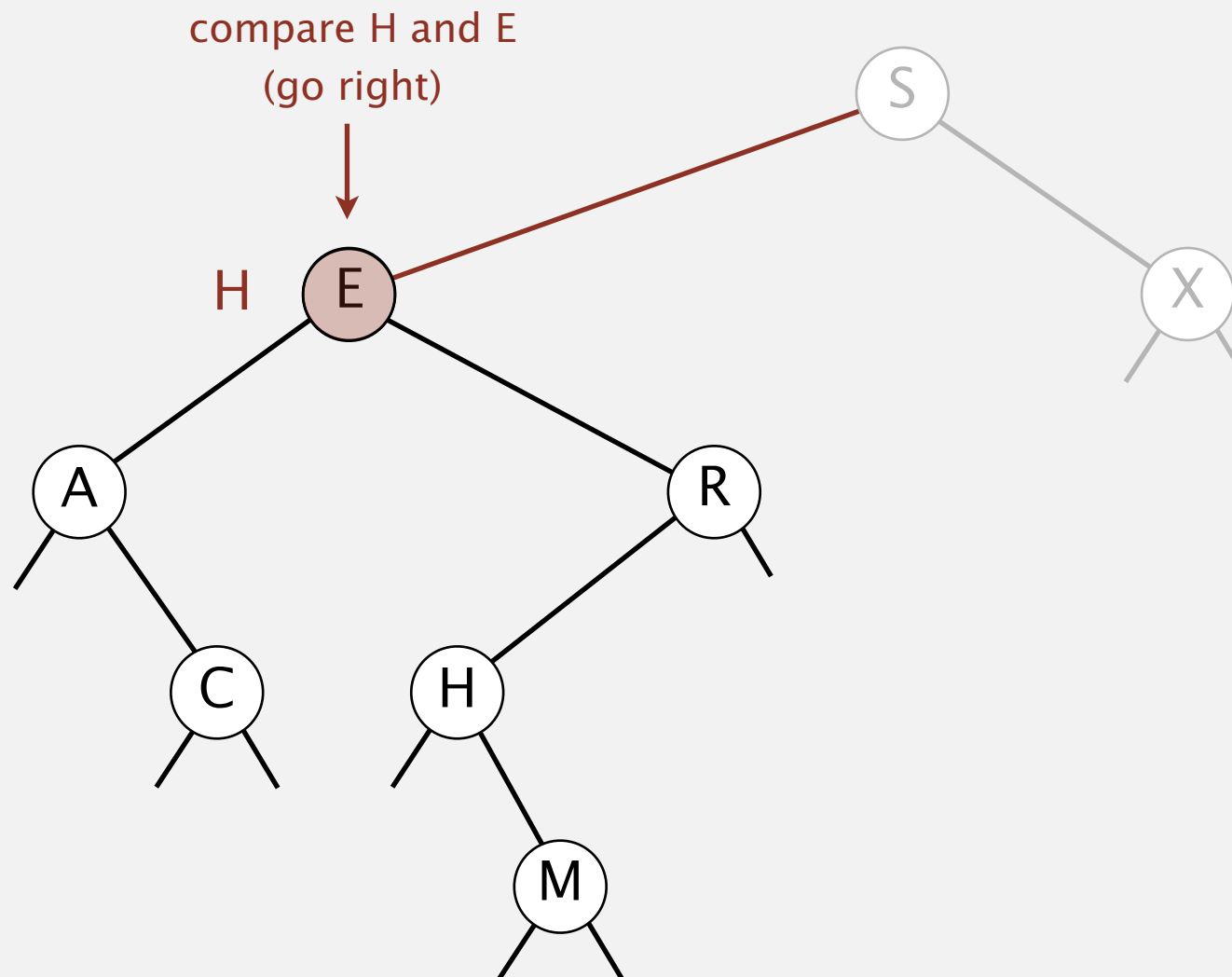
successful search for H



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

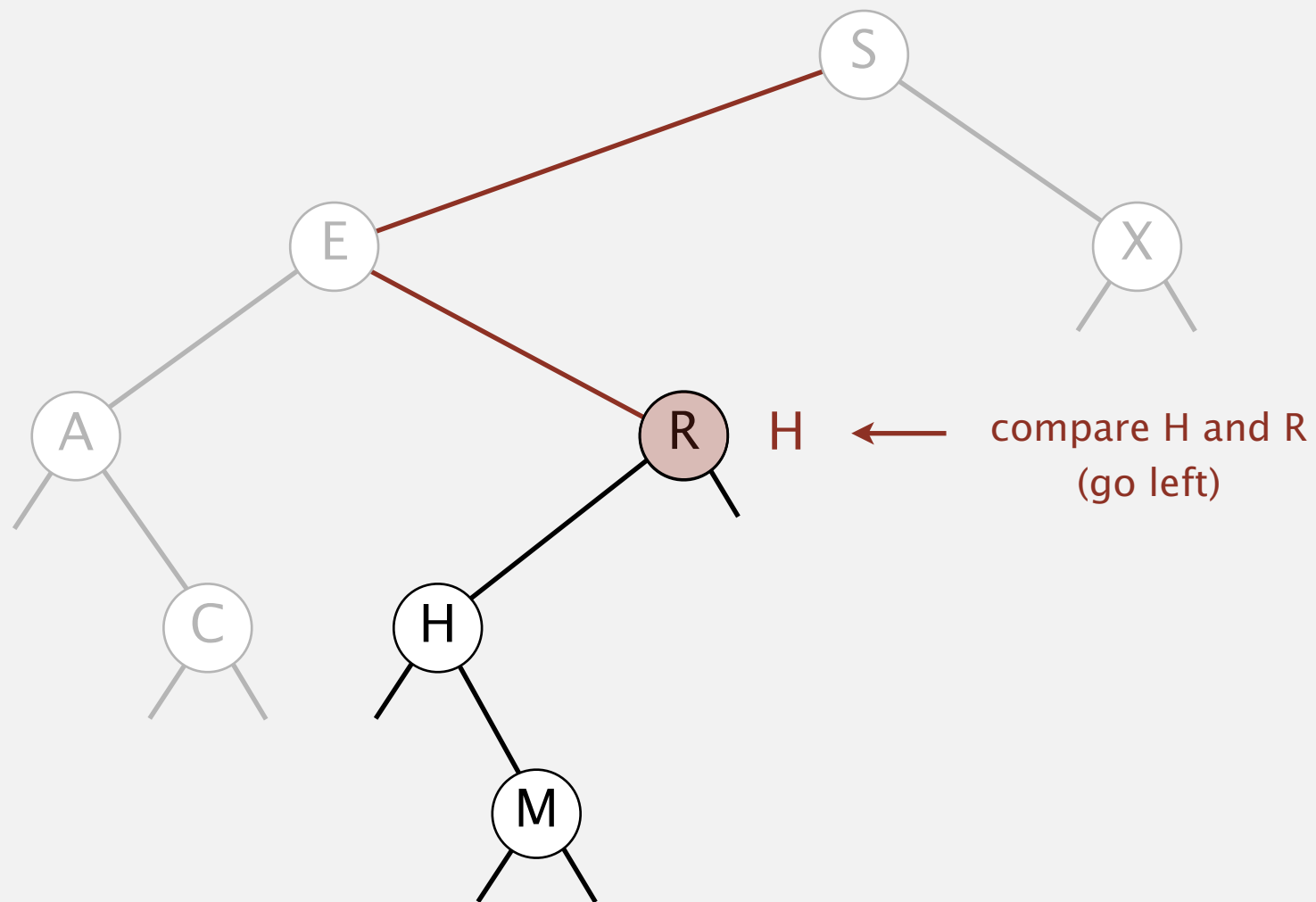
successful search for H



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

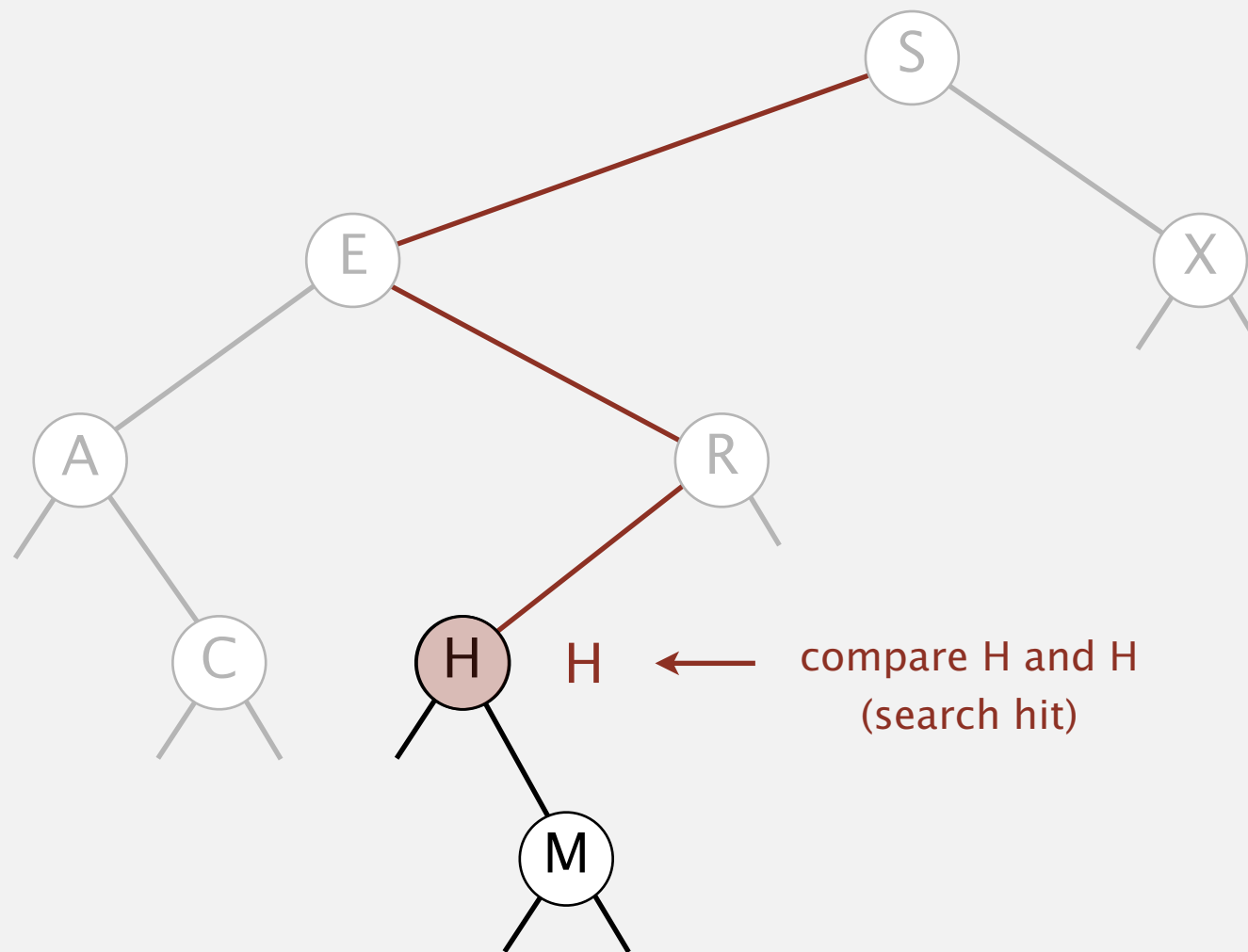
successful search for H



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

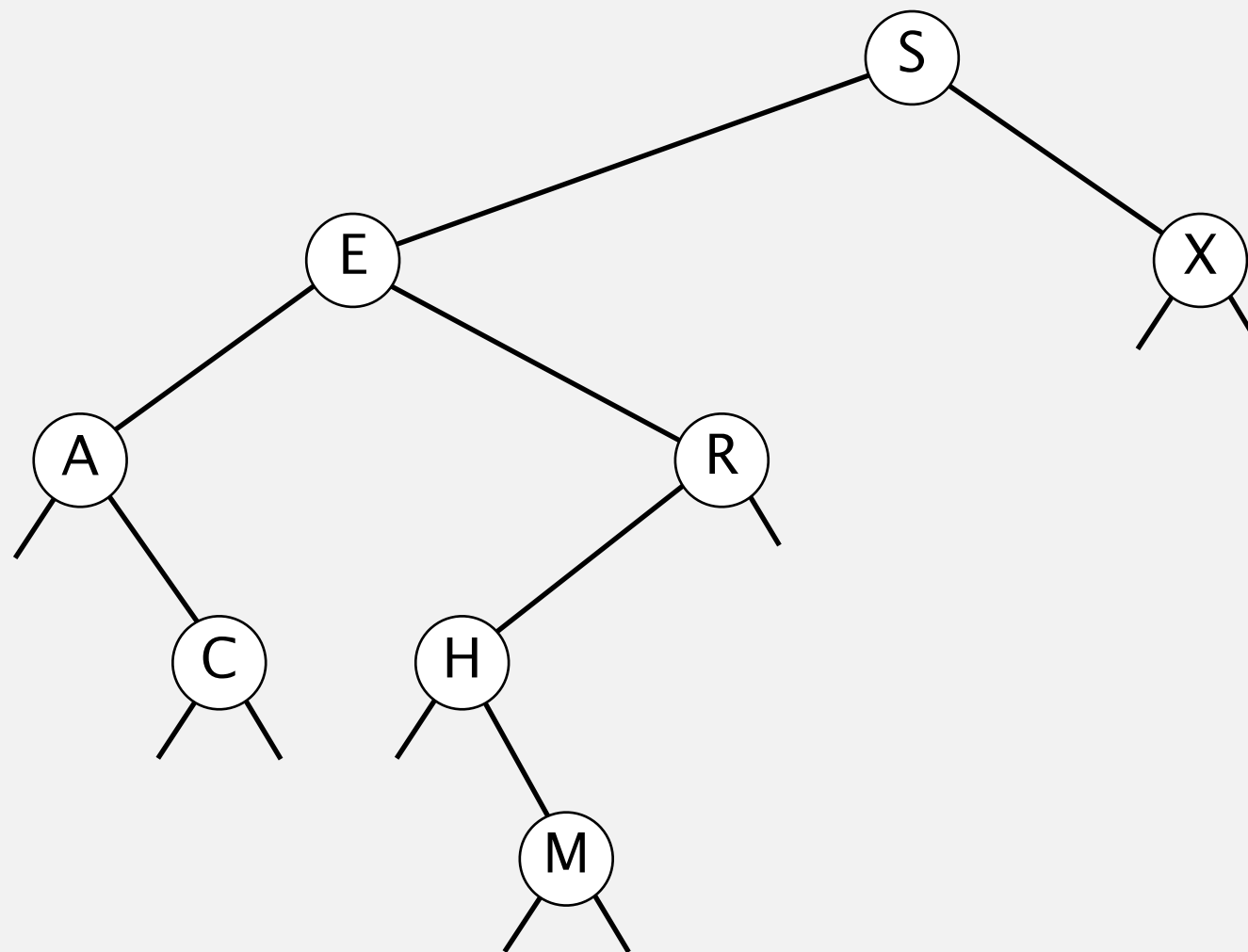
successful search for H



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

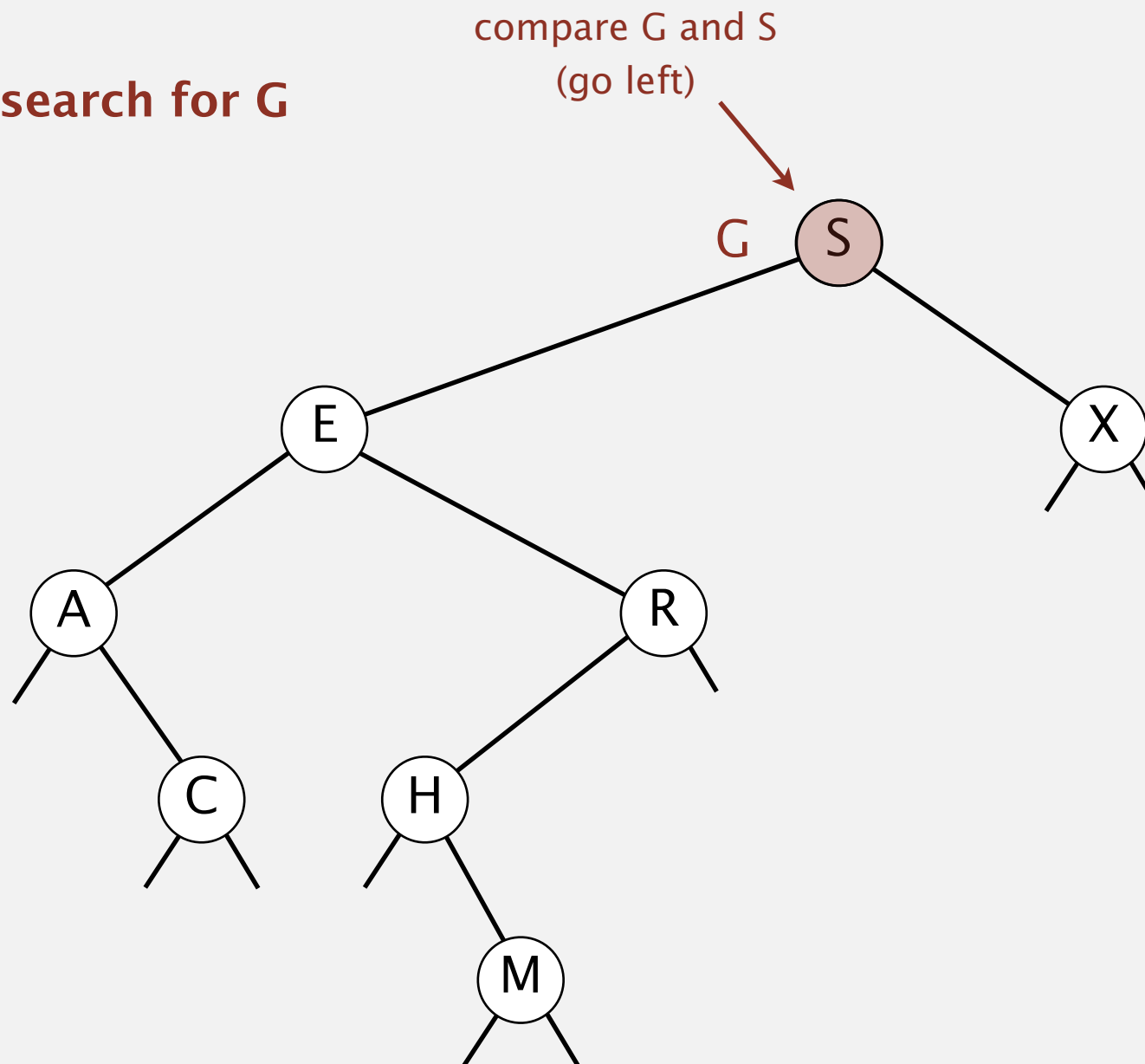
unsuccessful search for G



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

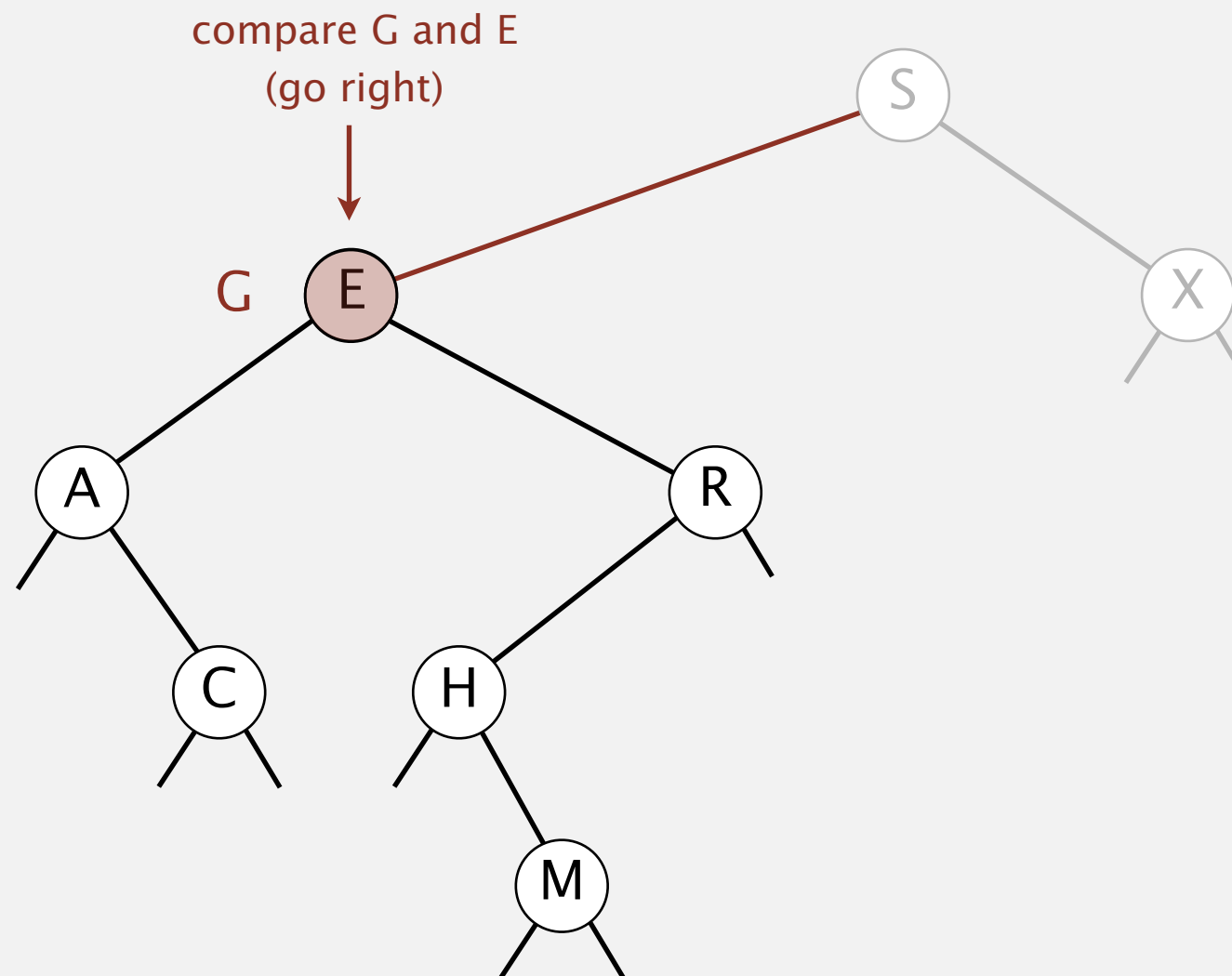
unsuccessful search for G



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

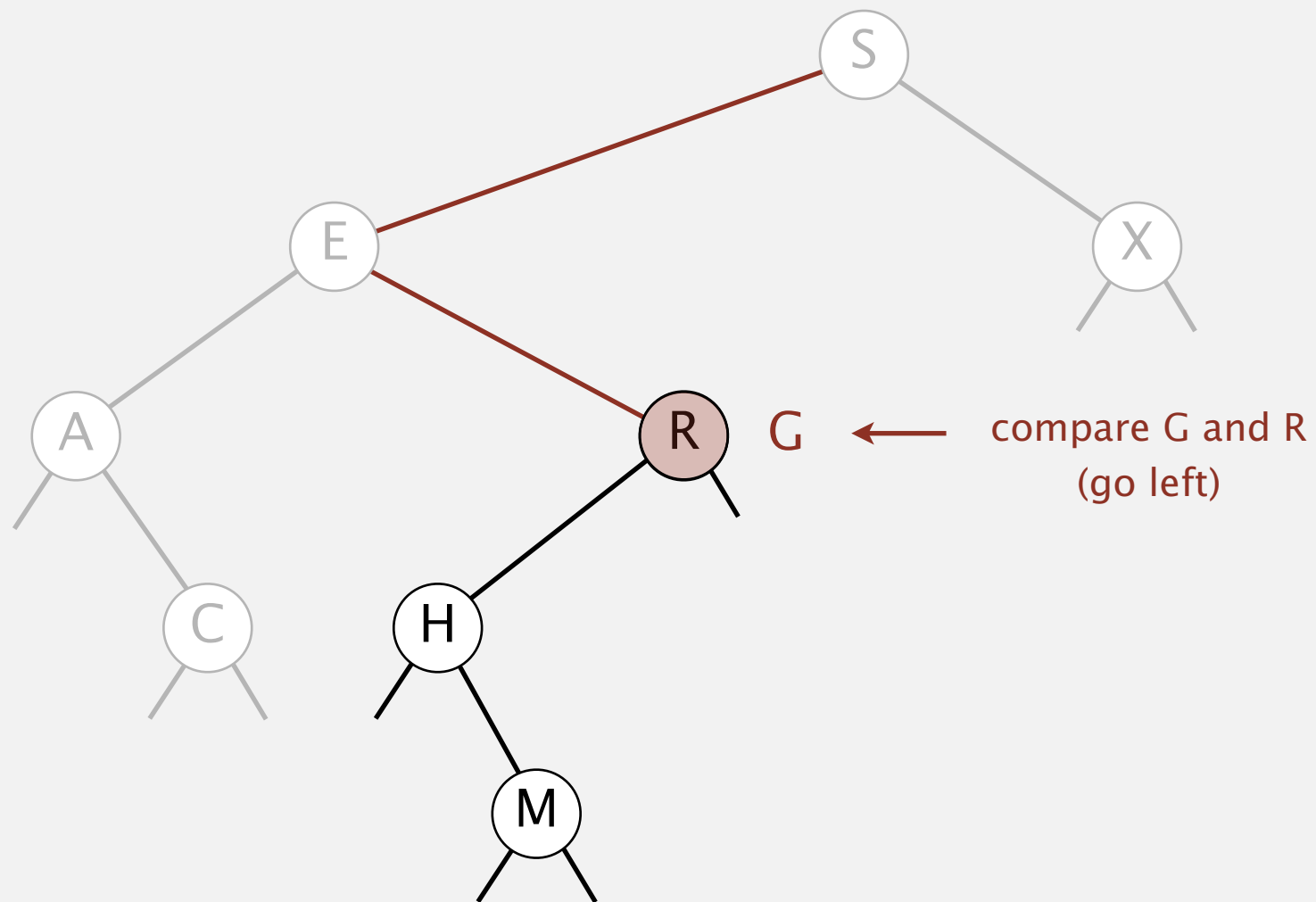
unsuccessful search for G



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

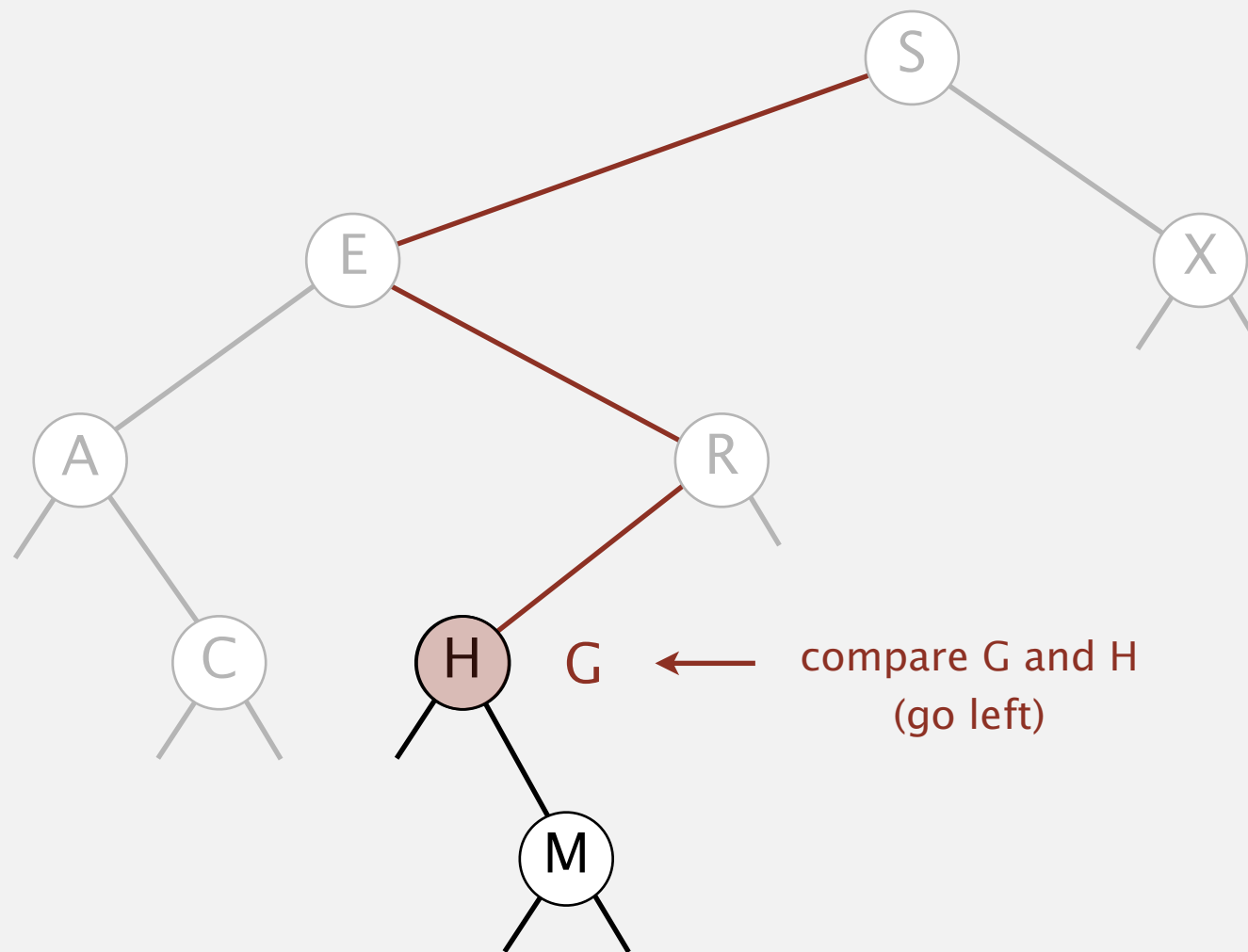
unsuccessful search for G



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

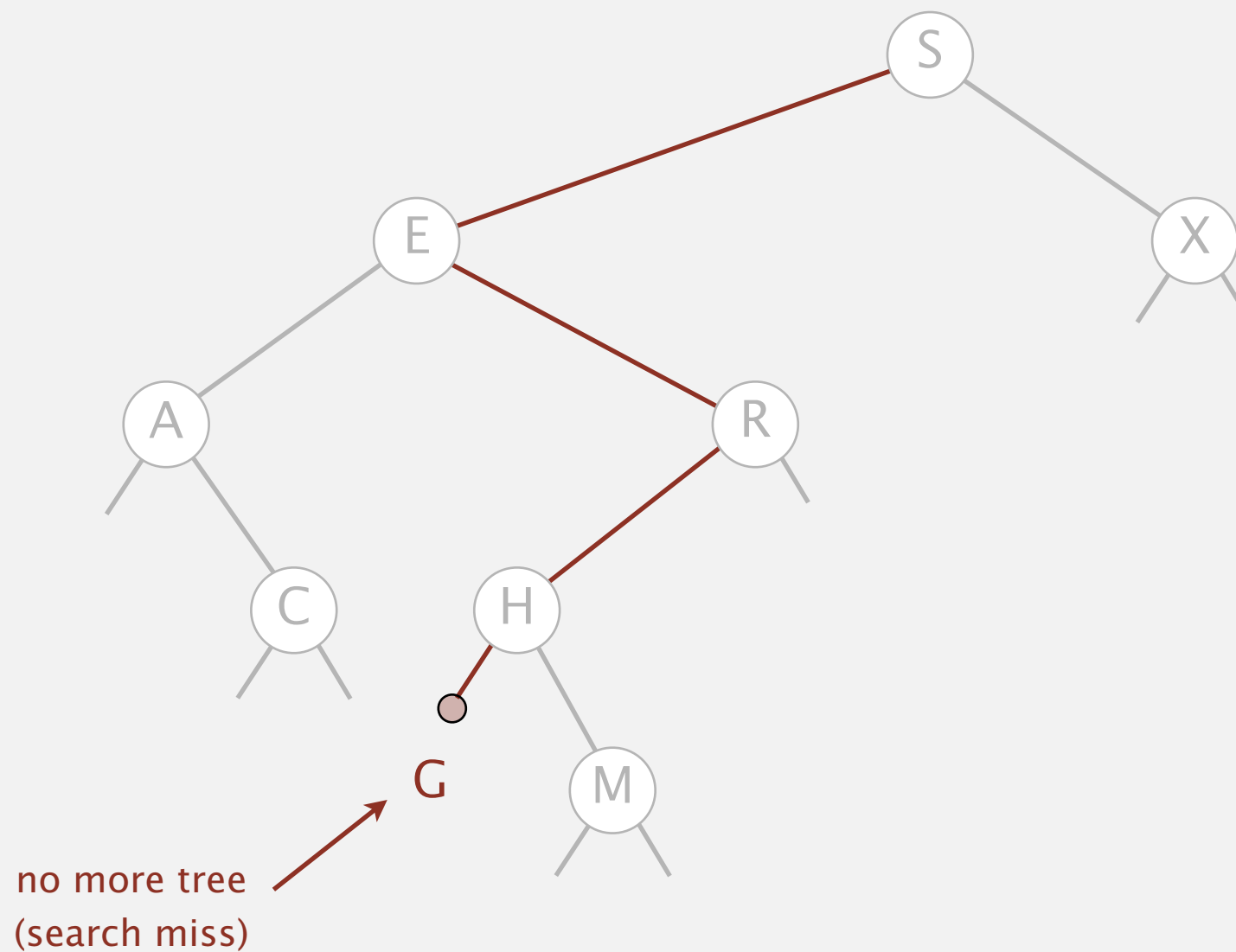
unsuccessful search for G



Binary search tree demo

Search. If less, go left; if greater, go right; if equal, search hit.

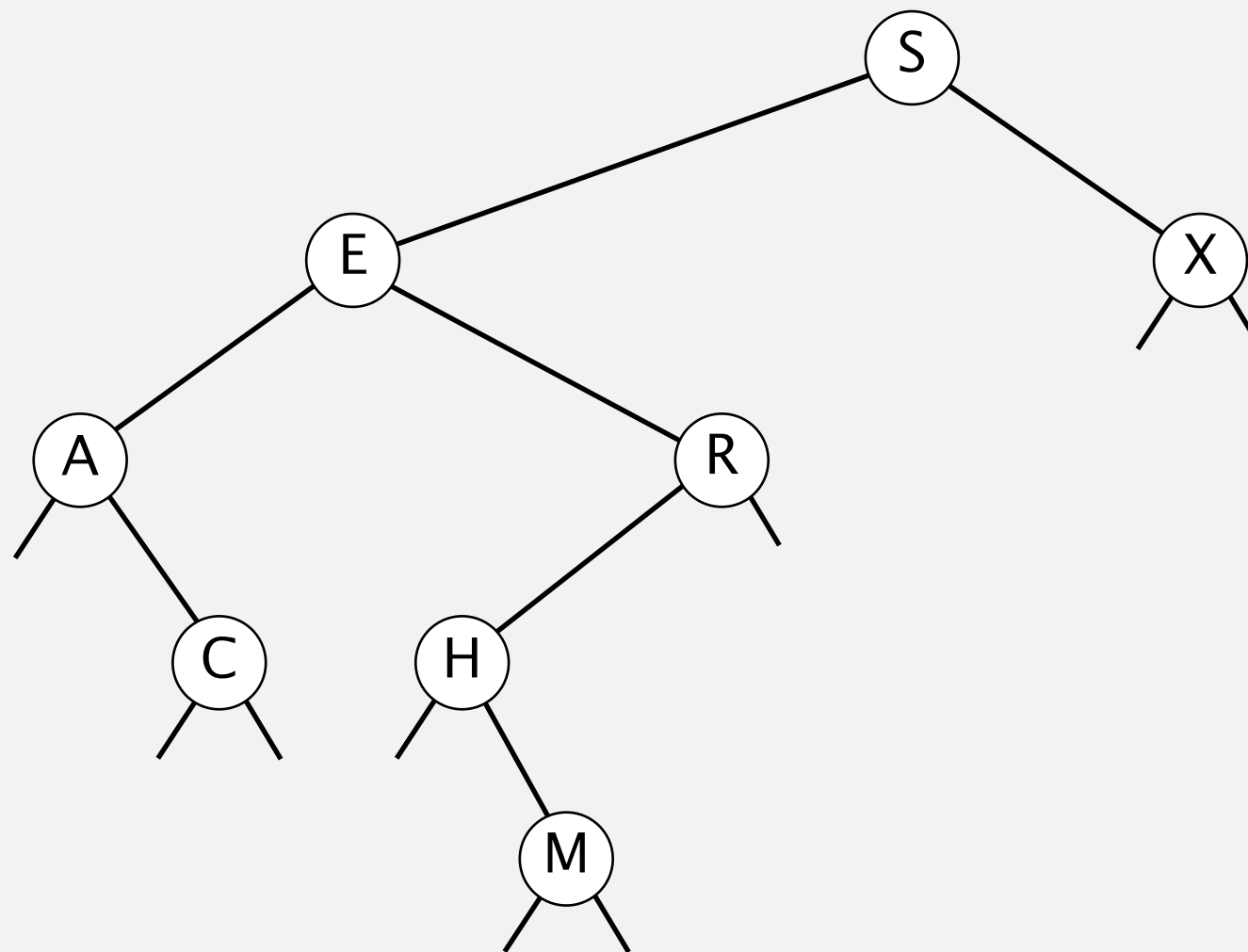
unsuccessful search for G



Binary search tree demo

Insert. If less, go left; if greater, go right; if null, insert.

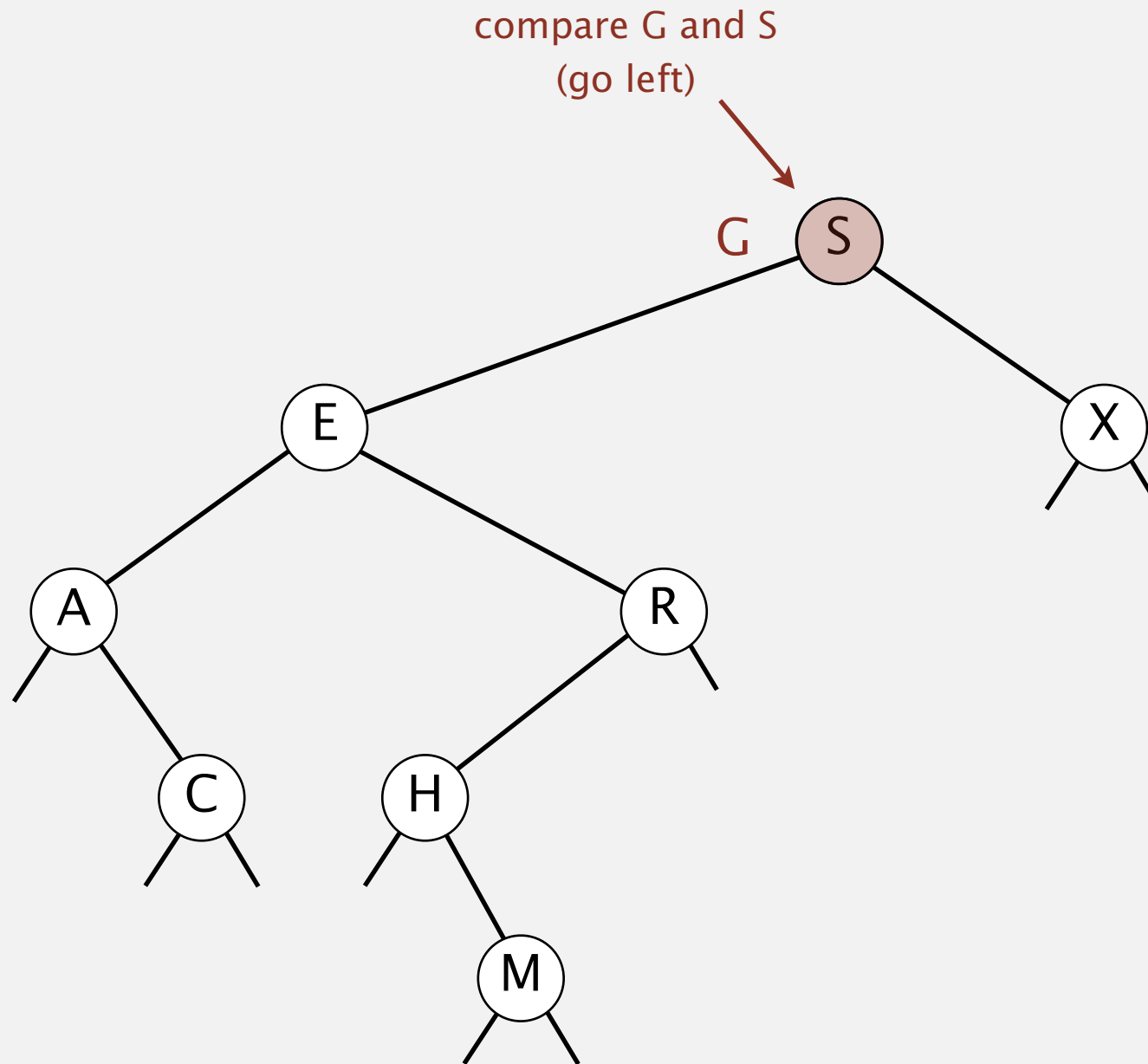
insert G



Binary search tree demo

Insert. If less, go left; if greater, go right; if null, insert.

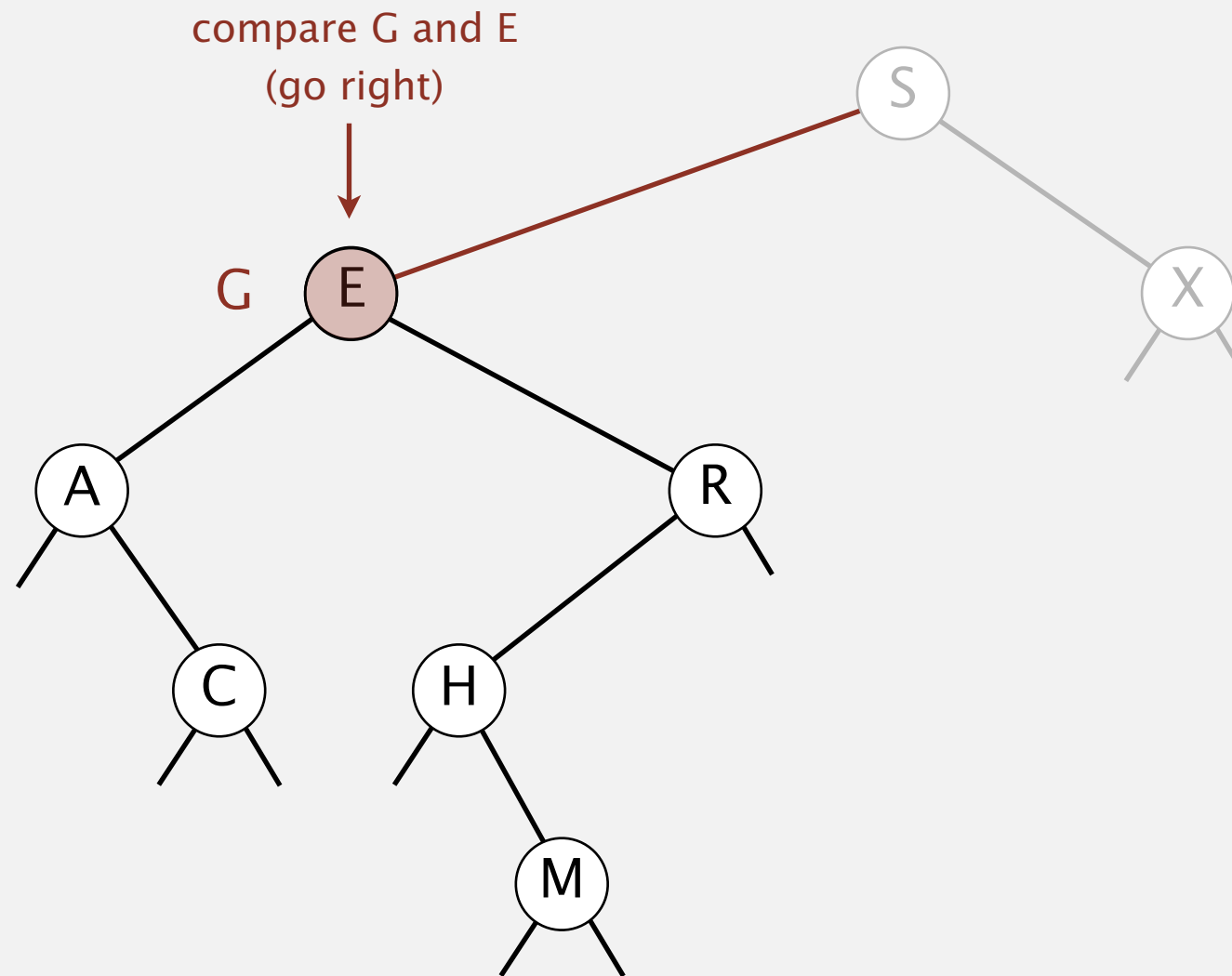
insert G



Binary search tree demo

Insert. If less, go left; if greater, go right; if null, insert.

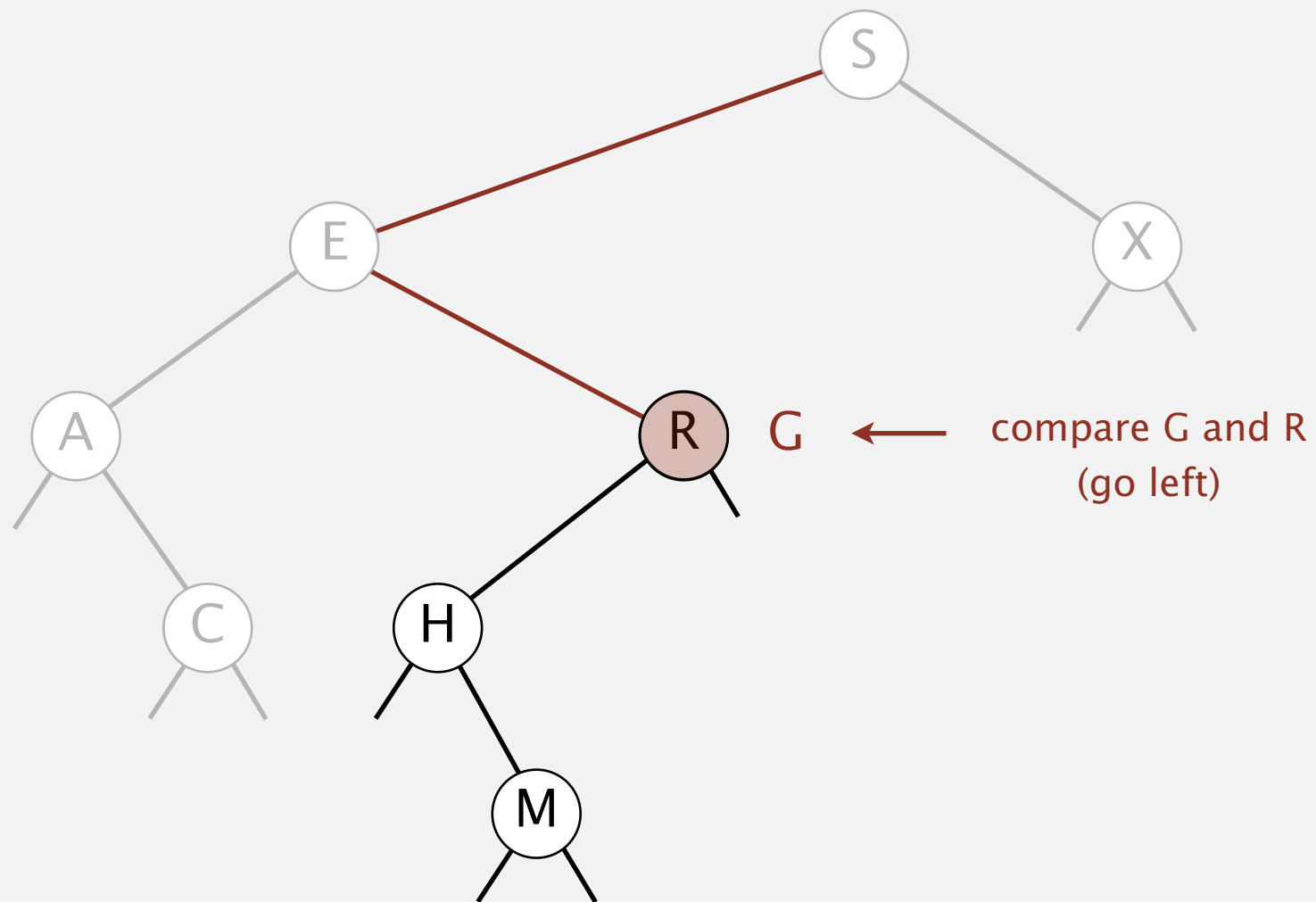
insert G



Binary search tree demo

Insert. If less, go left; if greater, go right; if null, insert.

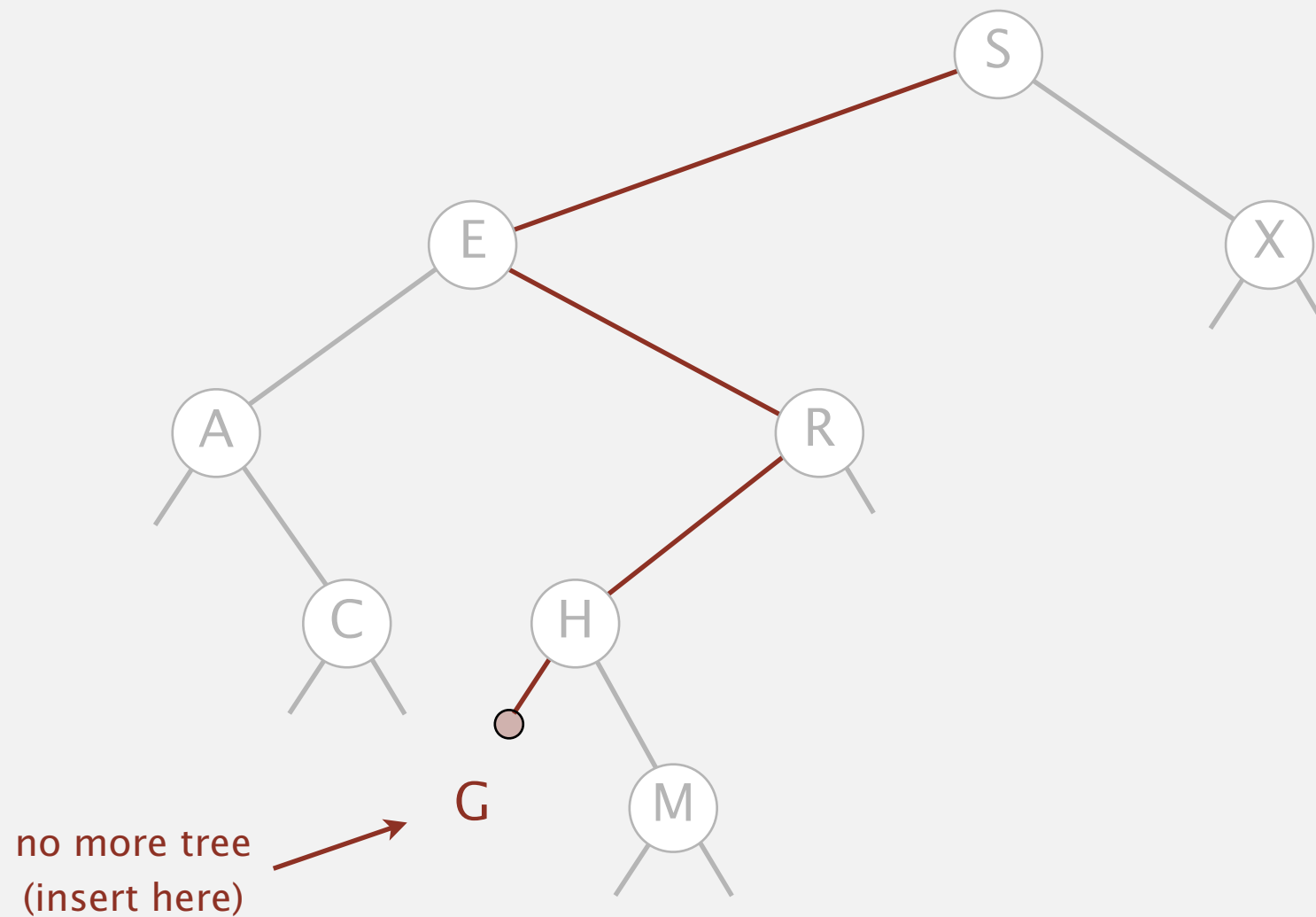
insert G



Binary search tree demo

Insert. If less, go left; if greater, go right; if null, insert.

insert G



Binary search tree demo

Insert. If less, go left; if greater, go right; if null, insert.

insert G

