

```
27 public T pop() throws EmptyException {
28     RangePolicy rangePolicy = policy.get();
29     while (true) {
30         Node returnNode = tryPop();
31         if (returnNode != null) {
32             return returnNode.value;
33         } else try {
34             T otherValue = eliminationArray.visit(null, rangePolicy.getRange());
35             if (otherValue != null) {
36                 rangePolicy.recordEliminationSuccess();
37                 return otherValue;
38             }
39         } catch (TimeoutException ex) {
40             rangePolicy.recordEliminationTimeout();
41         }
42     }
43 }
```

FIGURE 11.9 The EliminationBackoffStack<T> class: This pop() method overrides the LockFreeStack pop() method.