**Ruby master - Bug #7726**

**bsearch should handle block result in a consistent way**

01/22/2013 06:52 PM - marcandre (Marc-Andre Lafortune)

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee</td>
<td>marcandre (Marc-Andre Lafortune)</td>
</tr>
<tr>
<td>Target version</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v</td>
<td>r38825</td>
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</tbody>
</table>

**Description**

The documentation states that the block of bsearch must return either true/false or a number.

If the block returns another object (other than nil), I feel that either
1) It should be considered as 'truthy'
2) It should raise a TypeError

Currently it does not raise an error and returns a result different than if true was passed:

```
(1..3).bsearch { 'x' } == (1..3).bsearch { true } # => false
```

**Associated revisions**

Revision 69adf990 - 01/30/2013 06:07 AM - marcandre (Marc-Andre Lafortune)

- array.c (rb_ary_bsearch): Fix r38986 (typo) [Bug #7726]
- range.c (range_bsearch): ditto

Revision 38988 - 01/30/2013 06:07 AM - marcandre (Marc-Andre Lafortune)

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- range.c (range_bsearch): ditto

Revision 38988 - 01/30/2013 06:07 AM - marcandre (Marc-Andre Lafortune)

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History

#1 - 01/30/2013 03:02 PM - marcandre (Marc-Andre Lafortune)
- Status changed from Open to Closed
- Assignee set to marcandre (Marc-Andre Lafortune)

Fixed with r38986.