

Table 7. Record of the release of grizzlies after initial capture in a campground or developed area and subsequent recapture, 1959-1969.

	<u>Distance grizzlies transported (Airline miles)</u>				<u>Totals</u>
	<u>0 - 10</u>	<u>11 - 20</u>	<u>21 - 30</u>	<u>31 - 40</u>	
Number of releases after initial capture	75	46	20	4	145
Number of recaptures in any campground or developed area after release	53	32	12	1	98
Percent of recaptures in any campground or developed area after release	70.7	69.6	60.0	25.0	67.6

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Table 1. Color-marked grizzlies observed at Trout Creek Dump and reobserved in wilderness areas¹ of Yellowstone National Park from 1966 to 1968.

<u>Cubs</u>	<u>1-year olds</u>	<u>2-year olds</u>	<u>3-year olds</u>	<u>4-year olds</u>	<u>Adults</u>		<u>Total</u>
					<u>Males</u>	<u>Females</u>	
229	218	183	158	141	30	39	
230	219	202	177	144	207	40	
236	220	216	185	147	217	101	
240	221	227	211	165		112	
241	233		228	183		128	
256				188		132	
				208		141	
						163	
						172	
						173	
						187	
						<u>228</u>	
<u>6</u>	<u>5</u>	<u>4</u>	<u>5</u>	<u>7</u>	<u>3</u>	<u>12</u>	<u>42</u>

¹ Wilderness and backcountry are used synonymously in the text. They are undeveloped, roadless areas retaining their primeval character without permanent improvements or human habitation. In these areas, the earth and its community of life are untrammelled by man, and man himself is a visitor.

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Table 11. Dispersal of 34 color-marked grizzlies and two recognizable cubs from Trout Creek following management changes at Trout Creek Dump during 1968 and 1969.

Marked Bear No.	Campgrounds and developed areas visited by marked grizzlies							
	Lake	Canyon Village	Grant Village	Norris	Cooke City Dump	Tower Dump	West Yellow- stone Dump	Rabbit Creek Dump
7								
10+(2)*						XXX		X
30	X							
34					X			
39	X							
40	X							
88								
109	X							X
112		X						
128	X							
130			X					
141	X	X						X
144		X						
147								X
166								X
183	X						X	
188		X						
189								
190								X
194							X	
201								X
207	X	X						X
208	X	X						
210	X							
211	X			X				
213								
217	X						X	X
218								
228		X						X
236	X	X						
240	X							
241	X							
242					X			
256	X							
Totals	16	8	1	1	2	3	3	10

* The cubs of bear No. 10 dispersed with their mother and could be recognized.

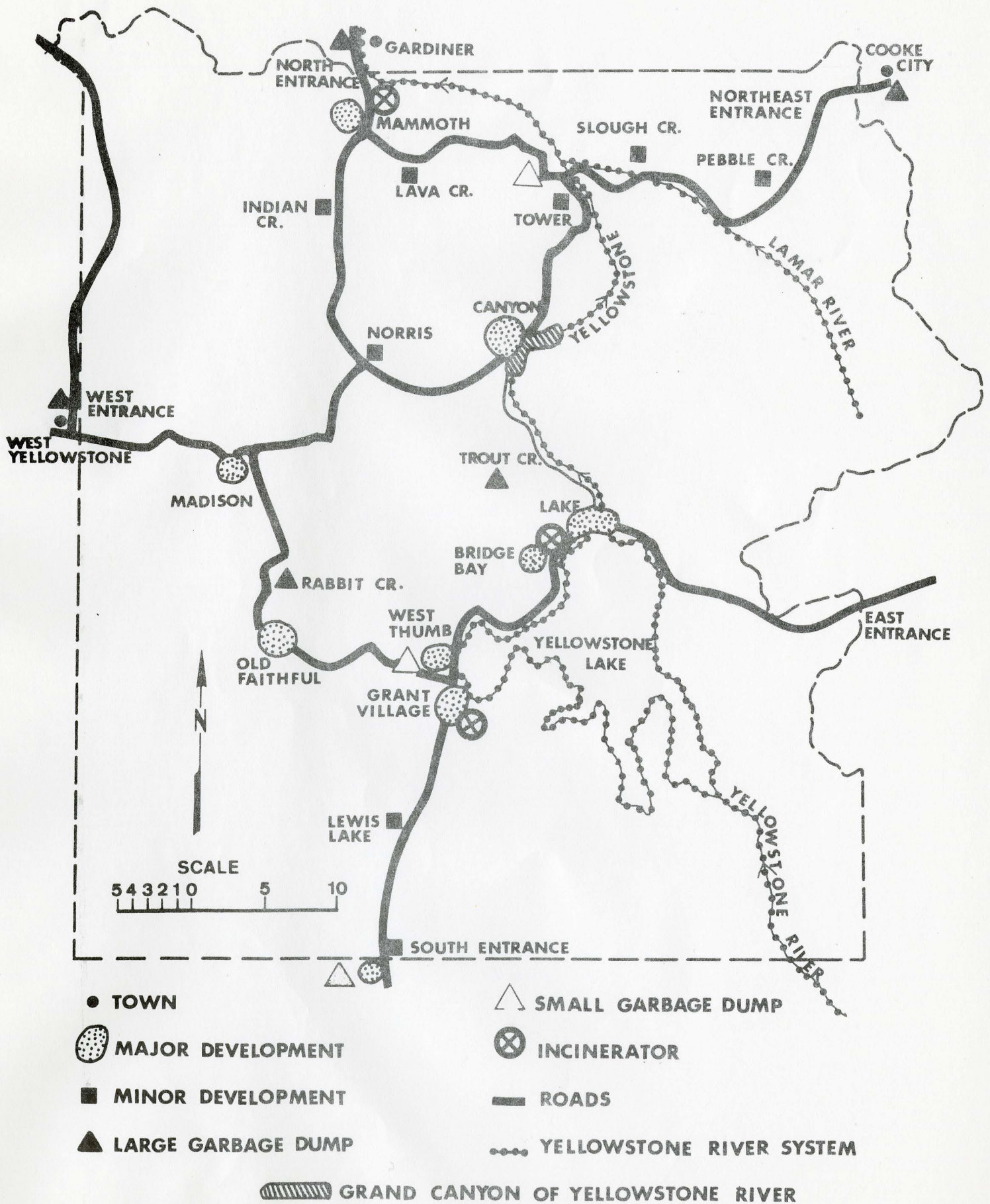
Table 12. Movement of grizzlies following the closure of Rabbit Creek Dump in 1970.

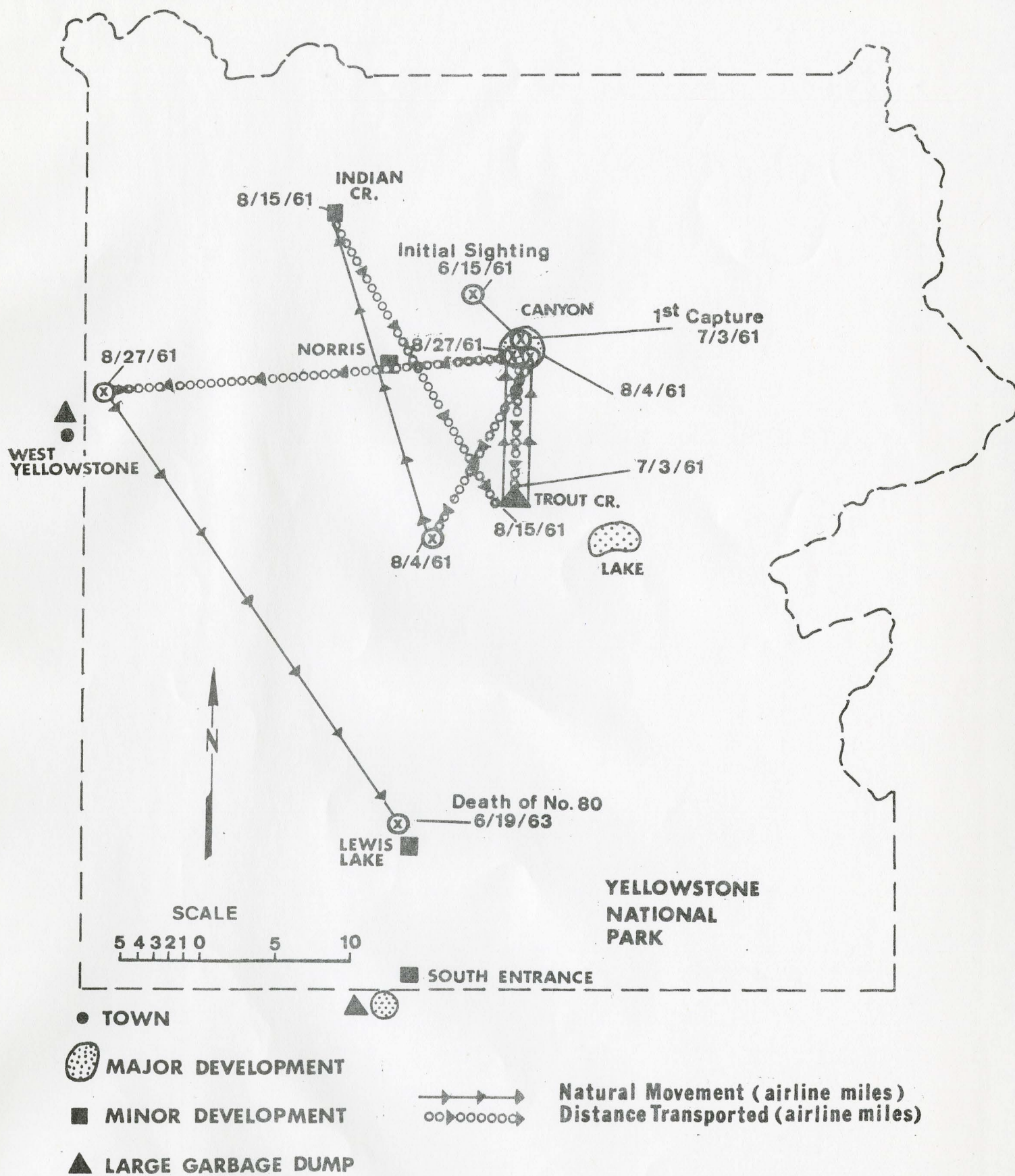
Bear No.	Sex	Number of years previously observed at Rabbit Creek Dump	New area visited ³	Airline distance from Rabbit Creek Dump to new area
2	M	11	Old Faithful	5
8	F	11	Grant Village	14
53	M	10	Grant Village	14
139	F	7	West Yellowstone Dump	18
147	M	7	West Yellowstone Dump	18
164	F	7	Trout Creek Dump	19
171	M	6	Trout Creek Dump	19
213	M	5	Old Faithful	5
217 A	M	3	Old Faithful	5
219 A	M	3	Trout Creek Dump	19
224 A	M	3	West Yellowstone Dump	18
226 A	M	3	West Yellowstone Dump	18
UM ¹	M	4	West Yellowstone Dump	18
UM ²	M	10	West Yellowstone Dump	18
			Old Faithful	5

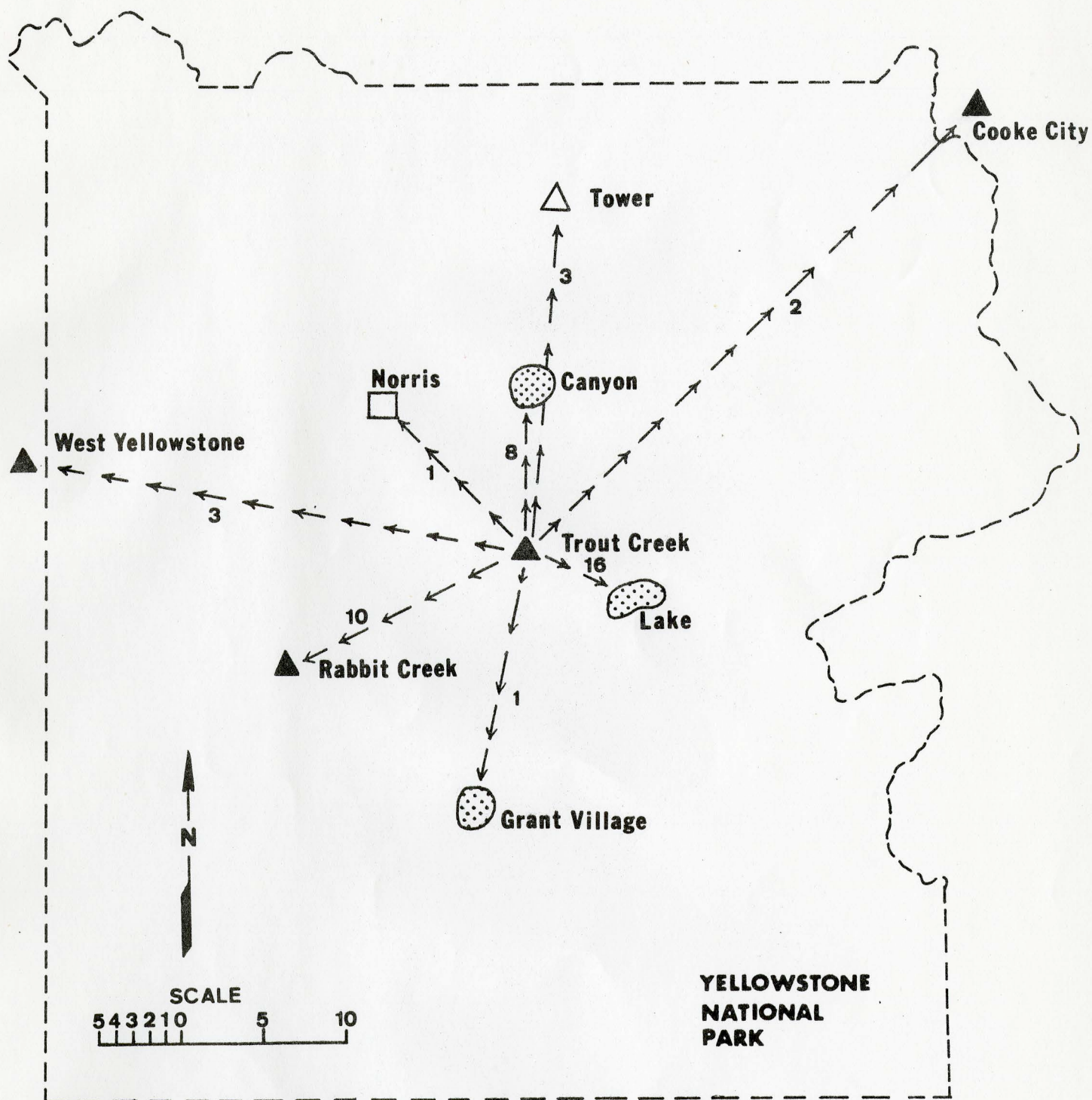
¹ This male identified by size, conspicuous wound over left eye and white patches of hair on shoulders. (UM = unmarked.)

² Large male identified by a wound exposing the upper left canine. (UM = unmarked.)

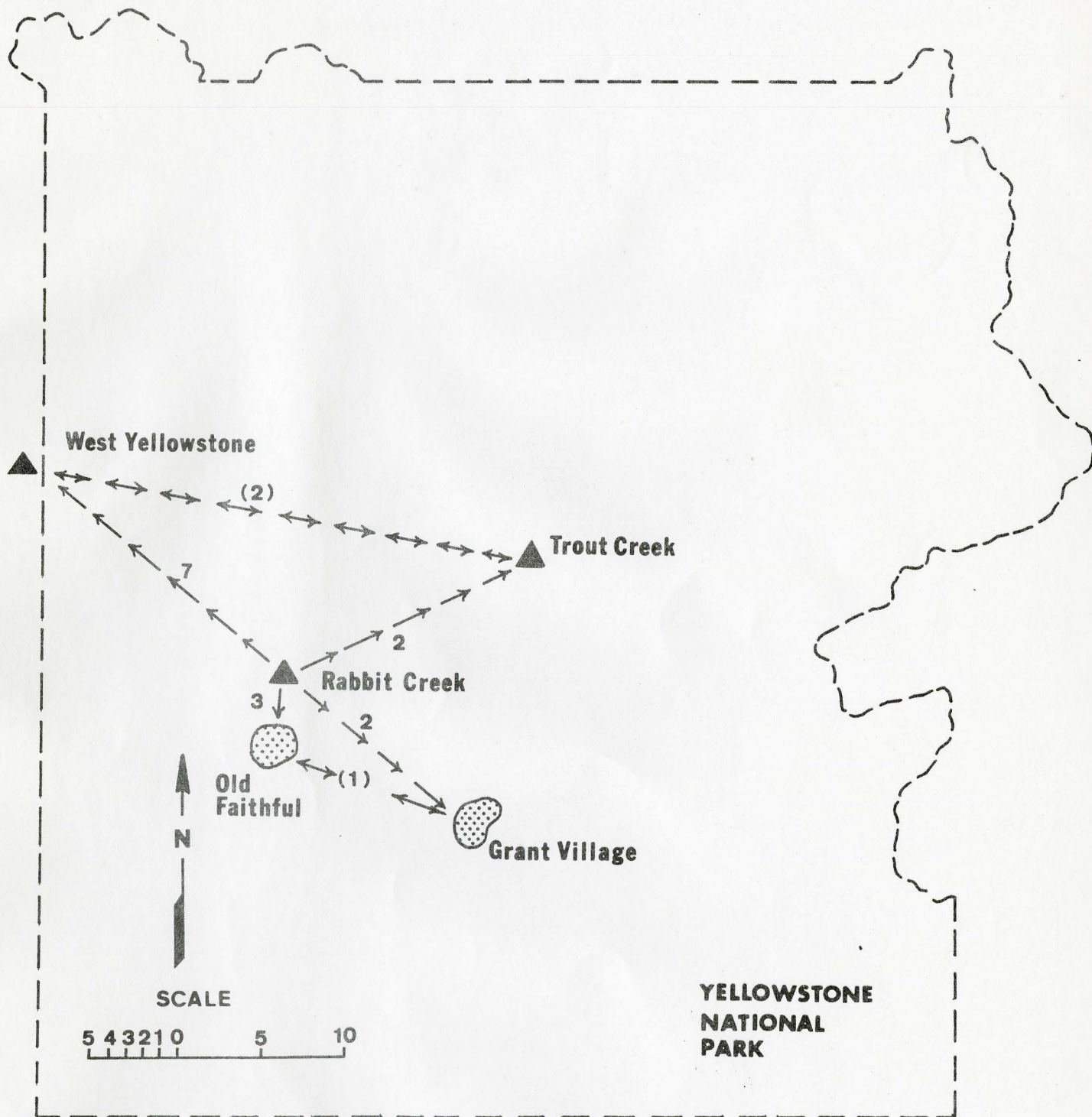
³ New area visited was determined by observation or capture of marked or recognizable animals.







- ▲ Large Garbage Dump
- Major Development
- Minor Development
- △ Small Garbage Dump



**YELLOWSTONE
NATIONAL
PARK**

- ▲ Garbage Dump
- Major Development
- () Bears visiting 2 or more dumps or developed areas

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Figure 6. Dispersal of 34 marked and two recognizable grizzlies following management changes at Trout Creek Dump during 1968 and 1969.

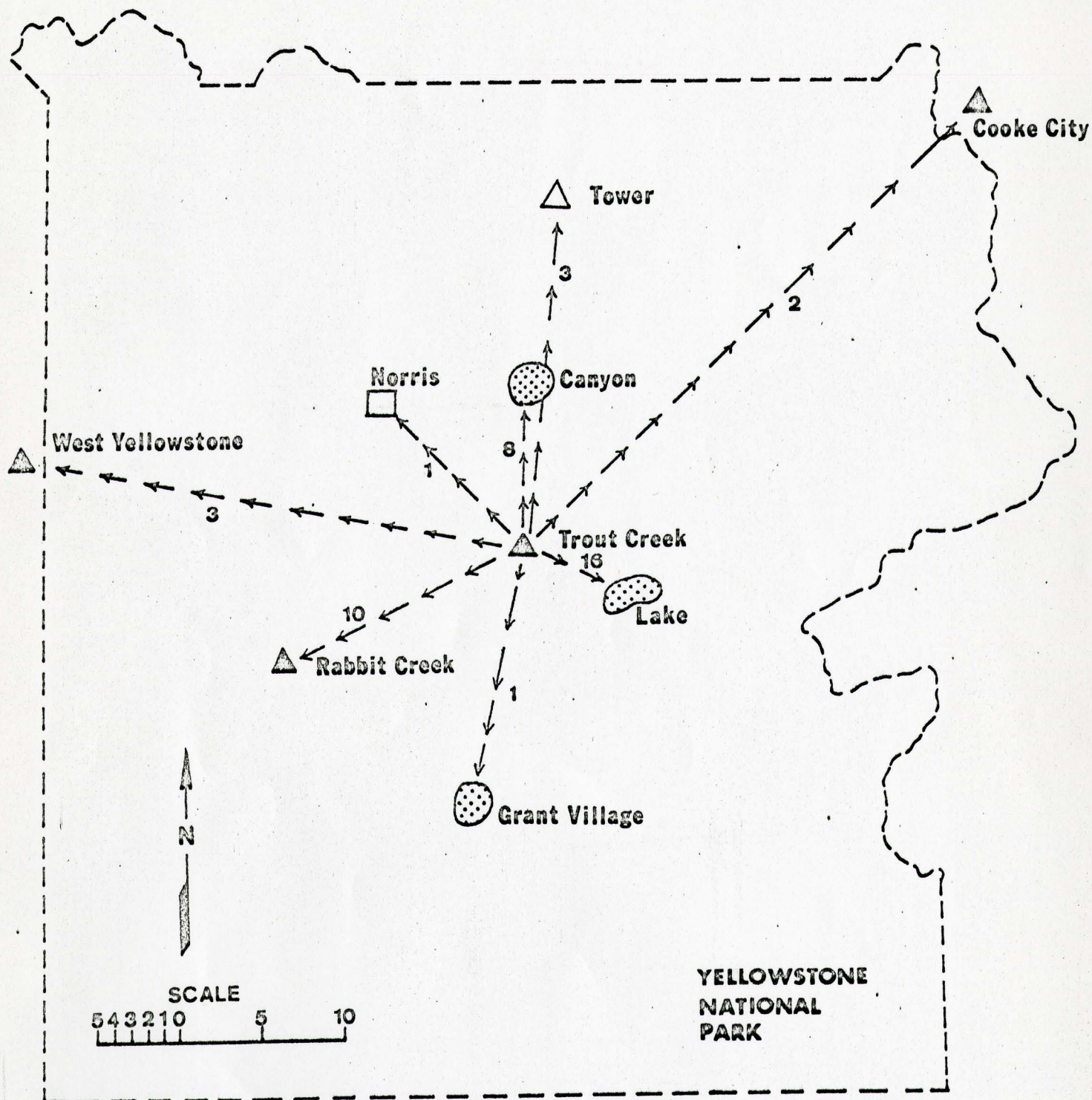


Table 10. Movement of grizzlies following the closure of Rabbit Creek Dump in 1970.

Bear No.	Sex	Number of years previously observed at Rabbit Creek Dump	New area visited ³	Airline distance from Rabbit Creek Dump to new area
2	M	11	Old Faithful	5
8	F	11	Grant Village	14
57	M	10	Grant Village	14
139	F	7	West Yellowstone Dump	18
			West Yellowstone Dump	18
147	M	7	Trout Creek Dump	19
164	F	7	Trout Creek Dump	19
171	M	6	Old Faithful	5
213	M	5	Old Faithful	5
217 A	M	5	Trout Creek Dump	19
		3	West Yellowstone Dump	18
			Trout Creek Dump	19
219 A	M	3	West Yellowstone Dump	18
224 A	M	3	West Yellowstone Dump	18
226 A	M	3	West Yellowstone Dump	18
UM ¹	M	4	West Yellowstone Dump	18
UM ²	M	10	Old Faithful	5

¹ This male identified by size, conspicuous wound over left eye and white patches of hair on shoulders. (UM = unmarked.)

² Large male identified by a wound exposing the upper left canine. (UM = unmarked.)

³ New area visited was determined by observation or capture of marked or recognizable animals.

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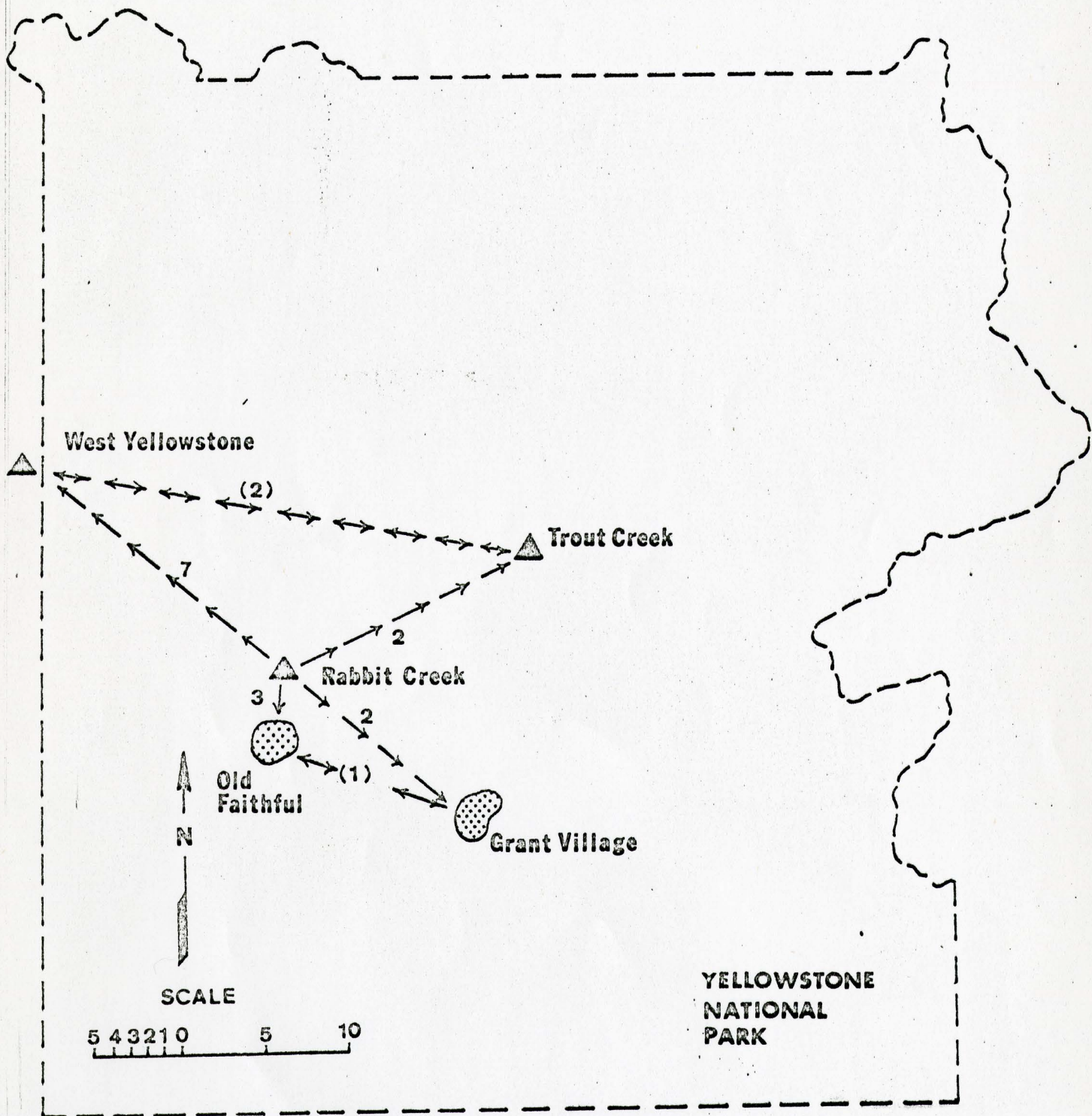
Table 9. Dispersal of 34 color-marked grizzlies and two recognizable cubs from Trout Creek following management changes at Trout Creek Dump during 1968 and 1969.

Marked Bear No.	Campgrounds and developed areas visited by marked grizzlies							
	Lake	Canyon Village	Grant Village	Norris	Cooke City Dump	Tower Dump	West Yellow- stone Dump	Rabbit Creek Dump
7								X
10+(2)*						XXX		
30	X							
34					X			
39	X							
40	X							
88								X
109	X							
112		X						
128	X							
130			X					X
141	X	X						
144		X						
147								X
166							X	X
183	X							
188		X						
189								X
190							X	
194								X
201								X
207	X	X						
208	X	X						
210	X							
211	X			X				
213							X	X
217	X							
218								X
228		X						
236	X	X						
240	X							
241	X							
242					X			
256	X							
Totals	16	8	1	1	2	3	3	10

* The cubs of bear No. 10 dispersed with their mother and could be recognized.

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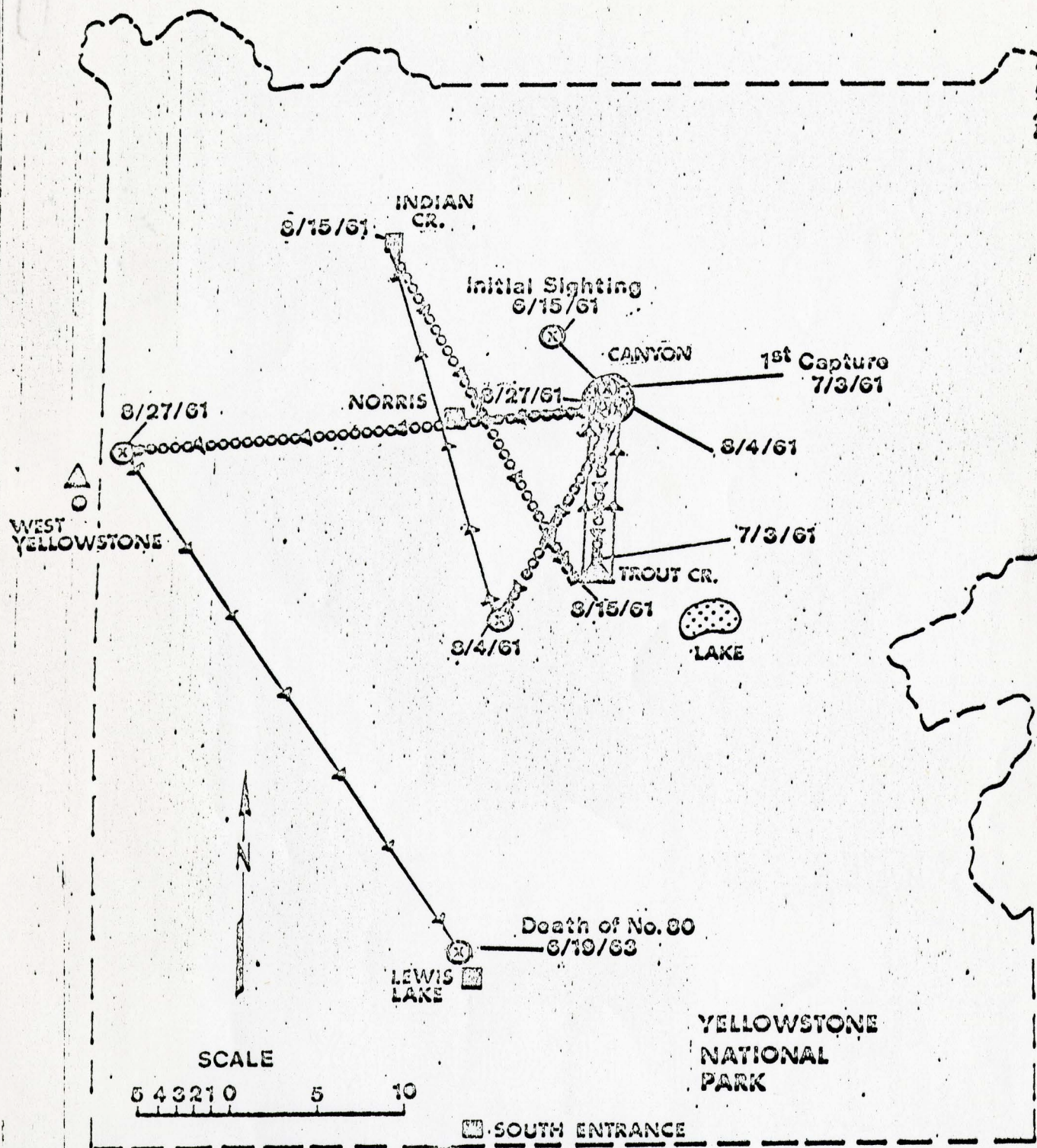
Figure 7. Movement of 14 marked or recognizable grizzlies
following closure of Rabbit Creek Dump, 1970.



- △ Garbage Dump
- Major Development
- () Bears visiting 2 or more dumps or developed areas

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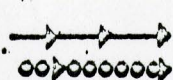
Figure 3. Movements of Grizzly No. 80



MAJOR DEVELOPMENT

MINOR DEVELOPMENT

LARGE GARBAGE DUMP



Natural Movement (airline miles)
Distance Transported (airline miles)