

Directions to Youngs Mountain Forest Bird Monitoring Site at:

Acadia National Park, Mt. Desert Island, Maine

Site established 12 May, 2007 by Kate Miller

NOTE: All bearings are based on true North; your compass should be adjusted for 17° West declination. All listening stations are marked with double blue flagging and an aluminum treetag, labeled "NETN B#", where # indicates the Point Number. Using a GPS is highly recommended, especially for finding the beginning of the route from a trail/road. Routes marked in blue on the map are also flagged in the field. Estimated pace counts are given for distances, and average 1.4m per two steps. Tree diameters were estimated at a height of 1.37m.

- Point 1 (NETN B28): Begin at the north parking lot for Break Neck Pond Fire Road. Hike about 1.5 km south on Fire Road. You will cross Break Neck Stream, and begin going uphill. At reference point "FR 1" hike in 670m (480 paces) at 270°. You will cross Break Neck Stream after 50m (36 paces). Route is dominated by dense a red spruce understory (mostly dead branches), and also passes through blueberry balds, and rocky outcrops. Route is flagged often, so you can go around obstacles. Listening Point is a 6" diameter red spruce near a clump of 6 red maple.
- Point 2 (NETN B29): Listening Point is 365m (280 paces) at 225° from P1. Route is dominated by dense a red spruce understory (mostly dead branches), and gradually increases uphill. Listening Point is a 3" diameter red spruce.
- Point 3 (NETN B30): Listening Point is 257m (179 paces) at 270° from P2. Route is dominated by dense a red spruce understory (mostly dead branches), and follows the side slope of Youngs Mountain. Listening Point is a 7" diameter big tooth aspen surrounded by spruce branches.
- Point 4 (NETN B31): Listening Point is 255m (210 paces) at 360° from P3. Route is dominated by dense a red spruce understory (mostly dead branches), and is a gradual downhill slope. Listening Point is a 7" diameter red maple, and is located in a small understory opening.
- Point 5 (NETN B32): Listening Point is 250m (177 paces) at 360° from P4. Route passes through numerous patches of dense understory red spruce, with a red oak dominated canopy and crosses several small ravines. Listening Point is a 5" diameter red maple located in a clump of 5 red maple trees.
- Point 6 (NETN B33): Listening Point is 250m (169 paces) at 90° from P5. Route begins with a relatively open understory for the first 40m. At 44m (29 paces) you will cross an old dirt road. At 100m (74 paces) you will come to a wetland. Walk the wetland edge north to a crossable section. After crossing the wetland, you will head uphill. Listening point is a 10" diameter red oak, and is sparsely surrounded by balsam fir and red spruce saplings.

Point 7 (NETN B34): Listening Point is 245m (177 paces) at 90° from P6. At 35m (25 paces) cross a sphagnum moss dominated wetland by walking across a down white cedar to the south. At 160m (115 paces) cross another old dirt road. Listening Point is in a clump of 3 red oak stems, and is a 5" red oak.

NOTES: To get back to car go 630m (440 paces) at 90° from P7 to Break Neck Fire Road. Then head north 1.25 km to parking lot.

GPS NOTES: The forest canopy in much of the area is very dense, and can cause difficulties with GPS units. You should be able to get a decent reading along the fire road to navigate to "Reference Points". However, within the forest, GPS navigation can be tough and you should rely more on compass bearings and pacing. GPS points are projected in UTM NAD83.

POINT	Tag#	X	Y
1	28	558683	4916470
2	29	558431	4916207
3	30	558170	4916200
4	31	558162	4916457
5	32	558158	4916725
6	33	558417	4916700
7	34	558669	4916696
FR 1	n/a	559328	4916494
FR 7	n/a	559329	4916660