

## Selected Identifying Characters of North American Native Azaleas (adapted from Dr. Kathleen A. Kron)

Species Name	Timing <sup>23</sup>	Corolla Color <sup>3</sup>	Blotch <sup>1</sup>	Flare <sup>9</sup>	Margin <sup>10</sup>	Hairs <sup>6,7</sup>	Fragrance <sup>22</sup>	Sepal Margin	Pedice l Hairs <sup>20</sup>	Stem Hairs <sup>24</sup>	Scale Margin <sup>11,12</sup>	Scale Surface <sup>17,18</sup>
<i>alabamense</i>	before/with	white-pink	present	gradual	wavy	glandular	sweet	bristly	eglandular	smooth/egl	ciliate	smooth
<i>canadense</i>	before/with	white-pink	present	abrupt	flat	smooth	sweet	fringed	glandular	sparse/mix	ciliate	sparse
<i>occidentale</i>	before/with	white-pink	present	gradual	wavy	glandular	not sweet	fringed	glandular	hairy/mixed	glandular	hairy
<i>vaseyi</i>	before/with	white-pink	present	gradual	wavy	smooth	sweet	fringed	glandular	sparse/mix	glandular	hairy
<i>atlanticum</i>	before/with	white-pink	absent	gradual	flat	glandular	sweet	fringed	glandular	hairy/mixed	ciliate	hairy
<i>canescens</i>	before/with	white-pink	absent	gradual	wavy	glandular	sweet	bristly	eglandular	smooth/egl	ciliate	hairy
<i>periclymenoides</i>	before/with	white-pink	absent	gradual	wavy	eglandular	sweet	bristly	eglandular	smooth/egl	ciliate	smooth
<i>prinophyllum</i>	before/with	white-pink	absent	gradual	wavy	glandular	sweet	fringed	glandular	smooth/egl	ciliate	hairy
<i>eastmanii</i>	after	white-pink	present	gradual	flat	glandular	sweet	bristly	eglandular	hairy/mixed	glandular	smooth
<i>arborescens</i>	after	white-pink	absent	gradual	flat	glandular	sweet	fringed	glandular	smooth/egl	ciliate	smooth
<i>viscosum</i>	after	white-pink	absent	gradual	flat	glandular	sweet	fringed	glandular	smooth/egl	ciliate	hairy/smo
<i>austrinum</i>	before/with	ylw-red-or	present	gradual	wavy	glandular	sweet	fringed	eglandular	hairy/mixed	ciliate	hairy
<i>flammeum</i>	before/with	ylw-red-or	present	abrupt	wavy	eglandular	not sweet	bristly	eglandular	smooth/egl	ciliate	sparse
<i>calendulaceum</i>	before/with	ylw-red-or	absent	abrupt	wavy	glandular	not sweet	fringed	glandular	smooth/egl	glandular	smooth
<i>cumberlandense</i>	after	ylw-red-or	present	abrupt	wavy	glandular	not sweet	bristly	eglandular	smooth/egl	glandular	smooth
<i>prunifolium</i>	after	ylw-red-or	absent	gradual	flat	glandular	not sweet	bristly	eglandular	smooth/egl	ciliate	smooth

### Notes

- the heading names and numbers relate to Tables 2 and 3 on pp. 254-256, in her article in *Edinburg Journal of Botany*, vol. 50:3, 1993
- the leftmost character shown above (**Timing** relative to leaf unfolding) is most important, followed by the next two (**Corolla Color, Blotch**) taken together
- the leftmost 9 characters shown above relate to the blossom, **Stem Hairs** relates to hairs on the new growth, and
- the rightmost 2 characters relate to the flower bud scales
- *vaseyi*, *canadense* characters are gleaned from her article in *Edinburg Journal of Botany*, vol. 52:1, 1995, pp. 1-54
- *eastmanii* characters are gleaned from her article (with Mike Creel) in *Novon*, vol. 9, 1999, pp. 377-380
- a 10X hand lens is useful for looking at hairs and bud scales

### Definitions

bristly	with stiff, strong hairs
both	both glandular and eglandular hairs
ciliate	fringed with fine hairs
eglandular	eglandular hairs have no glands at their ends, and appear to end in fine points
fringed	with fine hairs on the margins
glandular	glands on hairs appear as tiny knobs on the ends, glands on bud scales appear as tiny "sharks teeth" near the base of the scale, usually brownish
hairy/mixed	hairy, and the hairs may be glandular or eglandular
smooth/egl	either smooth (no hairs), or eglandular hairs
sparse	with a few hairs

