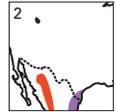


## 86 AMERICAN WARBLERS

**1 NORTHERN PARULA** *Parula americana* 11cm FIELD NOTES: Very agile, often hangs upside down whilst foraging in the tree canopy. VOICE: An ascending buzzing trill, ending with an abrupt *tship*. Calls include a sharp *chip* and a weak *tsif* flight note. HABITAT: Conifer and mixed woods, often near water. DISTRIBUTION: Summers in E USA and adjacent Canadian states. Resident in Florida.



**2 TROPICAL PARULA** *Parula pitiayumi* 11cm FIELD NOTES: Gleans and hovers to collect insects in the canopy. VOICE: An accelerating buzzy trill, preceded by several high-pitched notes. HABITAT: Deciduous forest, forest edge and clearings. DISTRIBUTION: Resident in the lower Rio Grande, S Texas.



**3 CRESCENT-CHESTED WARBLER** *Parula superciliosa* 11cm FIELD NOTES: Forages at mid- to high levels. Juvenile duller, lacks red breast crescent. VOICE: A short buzzy trill. Call is a high-pitched *tchip*. HABITAT: Montane forest. DISTRIBUTION: Rare vagrant from Mexico.

**4 YELLOW WARBLER** *Dendroica petechia* 13cm FIELD NOTES: Agile, active feeder in trees, bushes and on the ground. VOICE: A high-pitched *sweet-sweet-sweet-I'm-so-sweet*. Calls include a musical *tship* and a buzzy *zsee*. HABITAT: Riparian thickets, bushy areas including gardens. DISTRIBUTION: Widespread in North America, apart from the tundra zone, the Sonoran and Mojave deserts and SW USA, from Texas east to the Carolinas. Winters in S California.



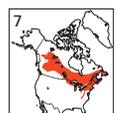
**5 CHESTNUT-SIDED WARBLER** *Dendroica pensylvanica* 13cm FIELD NOTES: Agile forager at low to medium levels in shrubs and lower branches of trees. VOICE: Song often transcribed as *pleased-pleased-pleased-to-meecha*. Calls with a low, flat *tchip*; in flight utters a buzzy *jrrt*. HABITAT: Young deciduous forest, bushy thickets; on migration woodland edge and clearings. DISTRIBUTION: Summers in NE USA, WC and SW Canada.



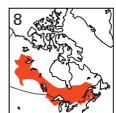
**6 YELLOW-RUMPED WARBLER (MYRTLE WARBLER)** *Dendroica coronata* 14cm FIELD NOTES: Feeds in low vegetation and bushes as well as treetops. Also shown (fig 6b) is the western race 'Audubon's Warbler' *D. c. auduboni*. VOICE: A slow trill, *tuwee-tuwee-tuwee-tuwee-tuwee...*, which often changes pitch at the end. Calls include a sharp *chek* and a thin *tsee* flight note. HABITAT: Open conifer and mixed woodland; after breeding, frequents hedgerows, thickets and gardens. DISTRIBUTION: Widespread in summer in N and W North America. Winters over much of E, S and W coasts of the USA.



**7 MAGNOLIA WARBLER** *Dendroica magnolia* 13cm FIELD NOTES: Active and agile forager in tree foliage at low to mid-levels. VOICE: A short, musical *weety-weety-wee* or *weety-weety-weety-wee*, last note is occasionally higher. Calls include a full *tship* or *dzip*, a harsh *tshekk* and a buzzy *zee* flight note. HABITAT: Young conifer stands. On migration in other woods and tall scrub. DISTRIBUTION: Summers in boreal North America and south through the Appalachians.



**8 CAPE MAY WARBLER** *Dendroica tigrina* 13cm FIELD NOTES: Active forager in treetops, gleaning and occasionally using sallies to catch flying insects. VOICE: A high *zi-zi-zi-zi-zi*. Calls include a very high *tsip* and a slightly descending *tsee-tsee*, often given in flight. HABITAT: Coniferous and mixed forest; all types of woodland frequented during migration. DISTRIBUTION: Summers in boreal Canada and extreme N and NE USA.



**9 BLACK-THROATED BLUE WARBLER** *Dendroica caerulescens* 13cm FIELD NOTES: Active. Forages from low levels to the canopy, although primarily in the understorey. VOICE: A husky *zweea-zweea-zweea-zwee*. Calls include a dull *stip* or *chup* and a metallic *twik* flight note. HABITAT: Mature deciduous and mixed woodland with rich undergrowth; also woodland clearings and logged areas. DISTRIBUTION: Summers in SE Canada and NE USA extending south through the Appalachians.

