

# **Butterflies of Virginia**

## **County Distribution and Updated Names**

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*Pterourus appalachiensis* (Appalachian Tiger Swallowtail) black female.  
Image taken from Pavulaan & Wright (2004), The Taxonomic Report 6(1)

## Notes on the names applied in this list:

Note, the names used in this list are based primarily on: Pelham, J. P., 'A Catalogue of the Butterflies of the United States and Canada'. Butterflies of America website, April 2021 update: <http://butterfliesofamerica.com/US-Can-Cat.htm> There have been a number of additional changes/revisions including some currently in work. These have been noted below.

I have referenced North American Butterfly Association (NABA), 2001, 'Checklist & English Names of North American Butterflies' mainly due to the fact that many people are using field guides or referencing other sources that are based on the NABA 2001 Checklist. This makes it easy for users to cross-reference differences in name usage between the current list and NABA. It must be stressed that the NABA 2001 Checklist is now 20 years outdated and there have been many studies furthering our knowledge of the relationships of many familiar butterfly groups.

\*<sup>1</sup> *Achalarus lyciades* revised to *Cecropterus lyciades* (Li, et. al., 2019; Pelham, 2020).

\*<sup>2</sup> *Thorybes confusis* revised to *Cecropterus confusis* (Li, et. al., 2019; Pelham, 2020).

\*<sup>3</sup> *Thorybes bathyllus* revised to *Cecropterus bathyllus* (Li, et. al., 2019; Pelham, 2020).

\*<sup>4</sup> *Thorybes pylades* revised to *Cecropterus pylades* (Li, et. al., 2019; Pelham, 2020).

\*<sup>5</sup> *Autochton cellus* revised to *Teleonus cellus* (Li, et. al., 2019; Pelham, 2020).

\*<sup>6</sup> *Erynnis juvenalis* revised to *Gesta juvenalis* (Zhang, et. al., 2019a. 2019b).

\*<sup>7</sup> *Erynnis horatius* revised to *Gesta horatius* (Zhang, et. al., 2019a. 2019b).

\*<sup>8</sup> *Erynnis martialis* revised to *Gesta martialis* (Zhang, et. al., 2019a. 2019b).

\*<sup>9</sup> *Erynnis zarucco* revised to *Gesta zarucco* (Zhang, et. al., 2019a. 2019b).

\*<sup>10</sup> *Erynnis funeralis* revised to *Gesta funeralis* (Zhang, et. al., 2019a. 2019b).

\*<sup>11</sup> *Erynnis baptisiae* revised to *Gesta baptisiae* (Zhang, et. al., 2019a. 2019b).

\*<sup>12</sup> *Erynnis lucilius* revised to *Gesta lucilius* (Zhang, et. al., 2019a. 2019b).

\*<sup>13</sup> *Erynnis persius* revised to *Gesta persius* (Zhang, et. al., 2019a. 2019b).

\*<sup>14</sup> *Pyrgus communis* revised to *Burnsius communis* (Grishin, 2019; Li, et. al., 2019; Pelham, 2020).

\*<sup>15</sup> *Pyrgus albescens* revised to *Burnsius albescens* (Grishin, 2019; Li, et. al., 2019; Pelham, 2020).

\*<sup>16</sup> *Copaeodes minimus* revised to *Oarisma minima* (Zhang, et. al., 2019a. 2019b; Pelham, 2020).

\*<sup>17</sup> *Polites origenes* revised to *Limochares origenes* (Zhang, et. al., 2019a. 2019b; Pelham, 2020).

\*<sup>18</sup> *Polites mystic* revised to *Limochares mystic* (Zhang, et. al., 2019a. 2019b; Pelham, 2020).

\*<sup>19</sup> *Polites vibex* revised to *Hedone vibex* (Zhang, et. al., 2019a. 2019b; Pelham, 2020).

\*<sup>20</sup> *Problema bulenta* revised to *Atrytone bulenta* (Zhang, et. al., 2019a. 2019b; Pelham, 2020).

\*<sup>21</sup> For the purposes of this list, *Euphyes bimacula* is listed along with two subspecies: nominotypical subspecies *bimacula* which occurs in the mountainous portion of western Virginia; and subspecies *arbogasti*, which occurs in the coastal plain region.

\*<sup>22</sup> Treatment of *Heraclides* at either the level of genus or subgenus has remained subjective for well over a century. More recent studies remain inconclusive on proper placement of *Heraclides* as either genus or subgenus. For example, Miller & Brown (1981) treated *Heraclides* at genus level, while Pelham (2020) treats *Heraclides* as a subgenus of *Papilio*. The present list opts to follow Tyler, et. al. (1994), and Lamas (2004) which place *Heraclides* at genus rank.

\*<sup>23</sup> Treatment of *Pterourus* at either the level of genus or subgenus has remained subjective for well over a century. More recent studies remain inconclusive on proper placement of *Pterourus* as either genus or subgenus. For example, Miller & Brown (1981) treated *Pterourus* at genus level, while Pelham (2020) treats *Pterourus* as a subgenus of *Papilio*. The present list opts to follow Tyler, et. al. (1994), and Lamas (2004) which place *Pterourus* at genus rank.

\*<sup>24</sup> *Pterourus appalachienis* was described in 2002, thus not listed in NABA (2001).

\*<sup>25</sup> The treatment of *Pyrisitia* at either the level of genus or subgenus has remained subjective for many decades and has flipped back and forth repeatedly. Most recently, Lamas (2004) and Pelham (2020) treat *Pyrisitia* at the rank of genus. Zhang, et. al. (2019a. 2019b) resolved this question through extensive genomic analysis and proposed retention of *Pyrisitia* at full genus rank.

\*<sup>26</sup> The treatment of *Abaeis* at either the level of genus or subgenus of *Eurema* has remained subjective for many decades and has flipped back and forth repeatedly. Most recently, Lamas (2004) and Pelham (2020) treat *Abaeis* at the rank of genus. Zhang, et. al. (2019a. 2019b) resolved this question through extensive genomic analysis and proposed retention of *Abaeis* at full genus rank.

\*<sup>27</sup> Though Appalachian populations were recently described as subspecies *carolae* (Hammond & McCorkle, 2017), the authors reclassified all *Colias interior* subspecies as subspecies of *Colias pelidne*. This view has not been accepted by the lepidopterological community. Pelham (2020) retained *Colias interior*, and Zhang, et. al. (2019) provided support for retaining *Colias interior* as separate from *Colias pelidne*. The present list follows Pelham (2020).

\*<sup>28</sup> The treatment of *Zerene* at either the level of genus or subgenus has remained subjective for well over a century and has flipped back and forth repeatedly. Hammond & McCorkle (2017) treated *Zerene* as a subgenus of *Colias*. Most recently, Lamas (2004) and Pelham (2020) treated *Zerene* at the rank of genus. Zhang, et. al. (2019a. 2019b) resolved this question through extensive genomic analysis and demonstrated considerable distance between *Zerene* and *Colias* at genus rank.

\*<sup>29</sup> *Callophrys* has gained “popular” application as a super-genus encompassing several genera in recent years, despite several studies supporting retention of traditional genera. This first became evident when Scott (1986) applied *Callophrys* in place of traditional genera *Incisalia*, *Mitoura* and others, without explanation or reference. This treatment was followed by Opler & Warren (2003), and Lamas (2004) again without explanation. The present list follows traditional treatment of *Incisalia* and *Mitoura* at generic rank (Miller & Brown, 1981; Hodges, 1983; Ferris, 1989). A recent study (Zhang, et. al., 2019) showed close relationships between genera but members of *Incisalia* and *Mitoura* break out as separate groupings requiring detailed analysis and resolution.

\*<sup>30</sup> This list records both *Baptisia* and *Lupinus* feeding populations separately in support of future studies. These currently bear no taxonomic standing.

\*<sup>31</sup> This list records locations for both subspecies *henrici* and *viridissima* separately. The common name ‘Greenish’ Henry’s Elfin comes from local usage in the region where ssp. *viridissima* occurs.

\*<sup>32</sup> The species *Celastrina lucia* has come to be accepted at species rank in recent years by most authors, in regions where the species occurs. It is distinct from *C. ladon* (which is identified by a unique wing scale structure). NABA (2001) and Glassberg (2017) do not recognize this taxon. Pavulaan (2014) discusses separation of several *Celastrina* taxa in Virginia at species rank. Pelham (2020) lists two subspecies, of which *C. lucia lucia* occurs in eastern North America.

\*<sup>33</sup> The species *Celastrina ladon* has been determined to be a distinct Appalachian/Ozarkian region endemic, identified by a unique male wing scale structure that separates it from all other eastern *Celastrina* species. This is discussed at length in Pavulaan (2014). NABA (2001) subsumes several species within *C. ladon*. Pelham (2020) separates *C. ladon* from other taxa in this genus. The name “*violacea*” is a junior synonym and applies only to typical *C. ladon*.

\*<sup>34</sup> The species *Celastrina idella* has been determined to be distinct from *C. ladon* (which is identified by a unique wing scale structure). NABA (2001) considered *idella* to represent a subspecies of *ladon*, though both are fully sympatric and occur together throughout the range of *C. idella* (sympatric taxa are not considered by biologists to be subspecies). The common name “Holly Azure” was originally proposed (Wright & Pavulaan, 1999) and most authors and websites have adopted this common name. However, NABA (2001) refers to it as ‘Atlantic’ Spring Azure and Glassberg (2017) does not recognize this taxon.

\*<sup>35</sup> The species *Celastrina serotina* has been determined to be distinct from *C. ladon* (which is identified by a unique wing scale structure). The species was described in 2005, thus not listed in NABA (2001). Glassberg (2017) do not recognize this taxon, while most authors accept this as a full species, in regions where the species occurs. The common name “Cherry Gall Azure” was originally proposed (Pavulaan & Wright, 2005) and is widely used.

\*<sup>36</sup> The species *Celastrina neglecta* has been determined to be distinct from *C. ladon* (which is identified by a unique wing scale structure). This is discussed at length in Pavulaan (2014). In recent years, *neglecta* has come to be accepted at species rank by most authors. NABA (2001) considered *neglecta* to represent a subspecies of *ladon* (with the common name ‘Summer’ Spring Azure), though both are fully sympatric and occur together throughout the range of *C. ladon* (sympatric taxa are not considered by biologists to be subspecies). Glassberg (2017) does not recognize *neglecta* at any rank and subsumes it into *C. ladon*. Pelham (2020) separates *C. neglecta* from *C. ladon*. The common name is correctly “Summer Azure”.

\*<sup>37</sup> The genus name *Everes* has traditionally been applied to North American “Tailed Blues”. In recent years, the genus name *Cupido* has gained popular usage (with *Everes* subsumed to the rank of subgenus). This use of the name *Cupido* is based on an elusive list of European butterflies that apparently was never published! However, I have found no actual studies showing that *Cupido* is the correct generic name to apply to our sole member of the genus: *Everes comyntas*. Thus, I retain the genus name *Everes*.

\*<sup>38</sup> The species name *Libytheana bachmanni* has traditionally been applied to the butterfly known as the “American Snout”. In recent years, the name *L. carinenta* has gained popular usage (with *bachmanni* considered a subspecies of *carinenta*). I have attempted to find an actual study showing this to be the case but such study eludes me. Thus, I retain the status of *L. bachmanni* as a full species.

\*<sup>39</sup> The familiar Monarch butterfly is known for its migratory behavior. The nominotypical, migratory subspecies *Danaus plexippus plexippus* occupies the entirety of the North American mainland. However, a sedentary population exists in the Caribbean region, adjacent to Florida, with the subspecies name *D. plexippus megalippe*. The Monarch population of southern Florida variably takes on phenotypical characters of *megalippe* and is fully sedentary. Whether this population is actually *megalippe*, or a blend population, calls for more detailed study. In any event, some Monarch individuals observed in Virginia display some of the characteristics of *megalippe*. However, since these are of migratory nature, they may likely be hybrids or simply *megalippe*-like variants of nominotypical *plexippus*. Thus, an entry for *megalippe* is included in the list. There is no published common name, thus I have adopted the name “Caribbean Monarch”.

\*<sup>40</sup> *Agraulis vanilla nigrior* revised to *Dione vanilla nigrior* (Zhang, et. al., 2019a. 2019b), but later revised to *Dione incarnata nigrior* (Zhang, et. al., 2020). Pelham (2001) maintains the name *Dione vanillae nigrior* for the southeastern U.S. ‘Gulf Fritillary’ pending “further analysis”.

\*<sup>41</sup> NABA (2001) established the common name “Red-spotted Admiral” as an “imperfect solution” for providing a name for the SPECIES *Limenitis arthemis* while maintaining the subspecies common names “White Admiral” for subspecies *arthemis* and “Red-spotted Purple” for subspecies *astyanax*. Observers are encouraged to use the subspecific common names for reporting either subspecies in Virginia, instead of the SPECIES name “Red-spotted Admiral”, though the Red-spotted Purple is the dominant form in Virginia. White Admirals only appear as rare variant forms in Virginia. [It is important to note that the practice of reporting the species name Red-spotted “Admiral” in some regions of our country, such as in New England, where both forms are equally present, confuses record keeping because it is not known which subspecies is being reported.]

\*<sup>42</sup> *Limenitis archippus* consists of several subspecies. Subspecies *archippus* is the primary form in Virginia. However, individuals which have an appearance similar to subspecies *watsoni* occur statewide as variant forms within subspecies *archippus*. Similarly, rare individuals which appear like subspecies *floridensis* occur statewide as variant forms within subspecies *archippus*, though mainly in the Tidewater region.

\*<sup>43</sup> All members of genus *Speyeria* were revised to genus *Argynnис* (Zhang, et. al., 2020). *Speyeria* is subsumed as a subgenus under *Argynnис*.

\*<sup>44</sup> *Lycaena hyllus* revised to *Tharsalea hyllus* (Zhang, et. al., 2020).

\*<sup>45</sup> All members of genus *Polygonia* were revised to genus *Nymphalis* (Zhang, et. al., 2020). *Polygonia* is subsumed as a subgenus under *Nymphalis*.

\*<sup>46</sup> *Coenonympha tullia inornata* revised to *Coenonympha californica inornata* (Zhang, et. al., 2020). The authors determined that *C. californica* is a species genetically distinct from *C. tullia*. Many subspecies, including eastern ssp. *inornata* align genetically with *C. californica* and not with *C. tullia*. Since *californica* is the oldest name within the group, the name takes priority over all other members of the subspecies complex.

\*<sup>47</sup> *Euphydryas phaeton schausi* was described as a subspecies by Clark (1927). There are minor, though consistent differences from the nominotypical subspecies *phaeton* (Pavulaan, manuscript in prep.).

\*<sup>48</sup> The taxonomy and status of eastern populations of the *Phyciodes cocyta* species-complex remains in flux and requires further analysis by the experts. There are clearly two distinct taxa in the Appalachian Mountain region. Univoltine populations of larger-sized individuals are currently assigned to *P. cocyta* as subspecies *selenis* (Pelham, 2020). Bivoltine populations of smaller-sized individuals are under study and represent an undescribed taxon (Pavulaan & Wright, manuscript in prep.).

\*<sup>49</sup> The taxonomy and status of the *Megisto cymela* species-complex is currently in work (Pavulaan & Wright, manuscript in prep.). There are two distinct flights currently subsumed as *Megisto cymela* by authors. The earlier (spring) flight was revised as *Megisto eurytris* (Gatrell, 2005), while the later (summer) flight remained *Megisto cymela*. Rearing experiments (Pavulaan, unpublished) show that the larvae of the spring flight (*eurytris*) develop too slowly to produce the summer flight (*cymela*). *M. eurytris* larvae complete their development by September and go into winter diapause. *M. cymela* larvae only partially develop and enter winter diapause by September. The larvae of each of the two taxa produce adults at the appropriate time the following year. In Virginia, *M. eurytris* is widespread and fairly common, emerging in May and flying into early June; *M. cymela*, on the other hand, is spotty in distribution, and generally found in localized colonies where they may be common in late June. It is important to note that both species may not occur in the same places. Any one location may have either flight to the exclusion of the other. Yet some locations will have both flights. For example, a site in Leesburg, VA. has only *eurytris* in May, while a site in nearby Sterling, VA. has only *cymela* in late June, yet a site in Herndon, VA. has both *eurytris* in May and *cymela* in late June.

\*<sup>50</sup> *Neonympha areolatus* was determined to consist of two very similar and closely-related species. *Neonympha helicta* was elevated to species rank (Gatrell, 1999) based on morphological and habitat-preference differences. Clark & Clark (1951), referred to *helicta* as “*Euptychia areolatus septentrionalis*” in Virginia.

\*<sup>50</sup> *Cercyonis pegala* consists of three subspecies in Virginia and a broad range of blending, intermediate populations. Ssp. *alope* occurs in northern Virginia. It is distinguished by small size, and males have two distinct eyespots within the orange forewing eye patch. Ssp. *pegala* occurs in the Tidewater region. It is very large, and males generally have one eyespot within the orange forewing eye patch, though many individuals show full or partial development of the second eyespot. Ssp. *carolina* occurs in the Appalachian Mountains, mainly toward the southwestern portion of Virginia. It is distinguished by a whitish-yellow eye patch. Pelham (2020) considers *carolina* a synonym of *alope*, though there are clear morphological differences. In most of interior Virginia, populations are of a varying mix of intermediate phenotypes, mainly with yellow eye patches, and males have two fully-developed eyespots. A fourth subspecies, *nephele*, characterized by being entirely brown and having no eye patch, has not yet been recorded in Virginia, though it occurs frequently in Pennsylvania. Some individuals observed at Big Meadow, in Shenandoah National Park, show faded eye patches, hinting at blending toward *nephele*.

\*<sup>51</sup> *Poanes massasoit hughi* was described as a subspecies by Clark (1931). Though intermediate between nominotypical subspecies *massasoit* and the Delmarvan subspecies *chermocki*, differences from these other two subspecies are consistent (Pavulaan, manuscript in prep.).

\*<sup>52</sup> *Poanes hobomok* revised to *Lon hobomok* (Cong, et. al., 2019).

\*<sup>53</sup> *Poanes zabulon* revised to *Lon zabulon* (Cong, et. al., 2019).

\*<sup>54</sup> *Pompeius verna* revised to *Vernia verna* (Cong, et. al., 2019).

\*<sup>55</sup> *Wallengrenia otho* revised to *Polites otho* (Zhang, et. al., 2019b).

\*<sup>56</sup> *Wallengrenia egeremet* revised to *Polites egeremet* (Zhang, et. al., 2019b).

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	Accomack	Albemarle	Alexandria (c)	Alleghany	Amelia	Amherst	Appomattox	Arlington	Augusta	Bath	Bedford	Bedford (c)	Bland	Botetourt	Bristol (c)	Brunswick	Buchanan	Buckingham	Buena Vista (c)	Campbell
<b>SKIPPERS</b>																				
Broad-winged Skipper	X																			
Hobomok Skipper		X		X					X	X	X	X		X	X					
Zabulon Skipper	X	X	X	X		X		X	X		X		X	X		X		X		
Twin-spot Skipper																				
Dusted Skipper			X		X				X	X					X					
Carolina Roadside-Skipper																				
Reversed Roadside-Skipper																				
Pepper and Salt Skipper										X	X	X			X					
Lace-winged Roadside-Skipper																				
Dusky Roadside-Skipper																				
Common Roadside-Skipper	X						X		X	X	X		X	X					X	
Swarthy Skipper	X	X						X	X				X	X		X		X		
Eufala Skipper															X					
Clouded Skipper	X	X	X					X	X		X		X	X				X		
European Skipper	X								X	X	X		X							
Southern Skipperling																				
Salt Marsh Skipper	X																			
Ocola Skipper	X	X							X	X		X		X				X		
Brazilian Skipper	X		X						X											
Least Skipper	X	X	X	X		X		X	X	X	X		X	X	X	X	X	X		
Yucca Giant-Skipper																				
<b>SWALLOWTAILS</b>																				
Zebra Swallowtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Pipevine Swallowtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
Black Swallowtail	X	X	X	X		X	X	X	X	X	X	X		X	X				X	
Eastern Giant Swallowtail	X			X				X	X					X	X					
Spicebush Swallowtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Palamedes Swallowtail	X									X										
Eastern Tiger Swallowtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Appalachian Tiger Swallowtail		X		X		X			X	X	X				X					
<b>WHITES AND SULPHURS</b>																				
Dainty Sulphur	X											X								
Barred Yellow													X							
Little Yellow	X	X		X		X			X	X	X	X		X	X			X		
Sleepy Orange	X	X	X	X		X			X	X	X	X		X	X		X	X		
Clouded Sulphur	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	
Orange Sulphur	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Pink-edged Sulphur																				
Southern Dogface																				
Cloudless Sulphur	X	X	X		X	X	X	X	X	X	X		X	X		X	X	X	X	
Orange-barred Sulphur										X			X							
Large Orange Sulphur																				
Falcate Orangetip	X	X	X	X	X	X	X		X	X	X		X	X		X	X	X	X	
Olympia Marble									X											
Great Southern White	X																			
Checkered White			X						X	X	X	X			X					
Cabbage White	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
West Virginia White									X	X			X	X						

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	Accomack	Albemarle	Alexandria (c)	Alleghany	Amelia	Amherst	Appomattox	Arlington	Augusta	Bath	Bedford	Bedford (c)	Bland	Botetourt	Bristol (c)	Brunswick	Buchanan	Buckingham	Buena Vista (c)	Campbell
<b>GOSSAMER-WING BUTTERFLIES</b>																				
Harvester		X		X		X			X	X	X		X	X		X		X	X	
American Copper	X	X	X	X	X	X			X	X	X		X	X						
Bronze Copper	X																			
Great Purple Hairstreak																				
White M Hairstreak	X	X	X	X					X	X	X	X		X	X					
Red-banded Hairstreak	X	X	X	X		X			X	X	X	X		X	X		X	X	X	
Gray Hairstreak	X	X	X	X		X			X	X	X	X		X	X	X	X	X	X	
'Olive' Juniper Hairstreak	X	X		X	X				X	X	X	X		X	X		X	X	X	
Hessel's Hairstreak																				
Brown Elfin		X		X		X			X	X	X			X	X					
Hoary Elfin														X						
Frosted Elfin														X	X					
- <i>Baptisia</i> -feeding taxon																				
- <i>Lupinus</i> -feeding taxon																				
Henry's Elfin		X		X										X	X					
-ssp. <i>henrici</i>		X		X										X	X					
-ssp. <i>viridissima</i>																				
Eastern Pine Elfin		X		X		X			X	X	X			X	X			X	X	
Early Hairstreak														X	X	X		X	X	
Coral Hairstreak						X			X	X	X	X		X	X					
'Northern' Oak Hairstreak						X			X	X	X				X					
King's Hairstreak																				
Striped Hairstreak		X		X										X	X	X		X		
Hickory Hairstreak																			X	
Banded Hairstreak		X	X	X	X				X	X	X	X		X	X				X	
Edwards' Hairstreak														X	X				X	
Cassius Blue																				
Marine Blue																				
Silvery Blue		X		X		X			X	X	X			X	X			X		
Northern Azure																				
Spring Azure		X	X						X	X	X	X	X						X	
Holly Azure																				
Cherry Gall Azure																				
Summer Azure		X	X	X	X	X			X	X	X	X	X		X	X	X	X	X	
Appalachian Azure		X	X	X	X	X								X	X			X		
Dusky Azure									X										X	
Eastern Tailed-Blue		X	X	X	X	X			X	X	X	X	X	X	X		X	X	X	
<b>METALMARKS</b>																				
Northern Metalmark									X					X	X			X		
Little Metalmark																				
<b>BRUSH-FOOTED BUTTERFLIES</b>																				
American Snout	X	X	X		X				X	X	X	X			X	X		X	X	
Monarch	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	
Caribbean Monarch																				
Queen	X																			
Zebra Heliconian																				
Gulf Fritillary	X	X												X						
Variegated Fritillary	X	X	X		X	X			X	X	X	X		X	X		X	X	X	
Meadow Fritillary		X							X	X	X	X	X	X	X					
Silver-bordered Fritillary														X	X					

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Page 1B



Page 3B

## Page 4B

	Caroline	Carroll	Charles City	Charlotte	Charlottesville (c)	Chesapeake (c)	Chesterfield	Clarke	Clifton Forge (c)	Colonial Heights (c)	Covington (c)	Craig	Culpeper	Cumberland	Danville (c)	Dickenson	Dinwiddie	Emporia (c)	Essex	Fairfax
<b>BRUSH-FOOTED BUTTERFLIES</b>																				
Regal Fritillary		X						X				X								X
Diana Fritillary		X	X				X		X			X				X				
Great Spangled Fritillary	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X
Aphrodite Fritillary		X						X				X				X				X
Atlantis Fritillary																				
Viceroy	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X
-ssp. <i>archippus</i>				X		X	X					X								X
-ssp. <i>watsoni</i>						X														X
-ssp. <i>floridensis</i>						X														
Red-spotted Admiral	X	X	X	X	X	X	X	X		X		X	X	X	X	X			X	X
-White Admiral (ssp. <i>arthemis</i> )						X														
-Red-spotted Purple (ssp. <i>astyanax</i> )	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
Hackberry Emperor	X	X	X	X	X	X	X	X	X			X	X	X	X				X	X
Tawny Emperor		X	X	X	X		X	X		X		X	X	X	X		X		X	X
Ruddy Daggerwing																				
Compton Tortoiseshell																				
Mourning Cloak	X	X	X	X			X	X	X			X	X	X	X	X			X	X
Question Mark	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X
Eastern Comma	X	X	X	X	X	X	X	X	X			X	X	X	X				X	
Gray Comma							X					X								
Green Comma																				
West Coast Lady																				X
American Lady	X	X	X				X	X	X	X		X	X	X	X	X	X		X	X
Painted Lady	X	X	X				X	X	X	X			X	X			X		X	X
Red Admiral	X	X	X				X	X	X	X			X	X	X	X	X			X
White Peacock																				
Common Buckeye	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X		X	X
Mimic																				
Baltimore Checkerspot													X							X
Silvery Checkerspot	X	X	X			X		X	X			X	X	X	X	X				X
Harris' Checkerspot																				
Pearl Crescent	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X
Northern Crescent - univoltine taxon																				
Northern Crescent - bivoltine taxon																				
Tawny Crescent																				
Phaon Crescent																				
Goatweed Leafwing																				
'Inornate' Common Ringlet																				
Southern Pearly-eye						X											X			
Northern Pearly-eye	X	X	X				X	X				X	X	X	X	X				X
Creole Pearly-eye						X											X			
Appalachian Brown	X		X		X		X					X		X		X	X	X	X	X
Gemmmed Satyr			X	X			X	X				X		X						X
Little Wood-Satyr	X	X	X			X	X	X				X	X	X		X	X			X
Little Wood-Satyr						X		X												X
Viola's Wood-Satyr			X		X		X					X	X	X		X				X
Carolina Satyr	X		X	X	X	X	X						X	X	X	X	X		X	X
Georgia Satyr																				
Helicta Satyr						X											X			
Mitchell's Satyr																				
Common Wood-Nymph	X	X					X	X	X			X	X	X			X		X	X
-ssp. <i>pegala</i>							X													
-ssp. <i>carolina</i>							X													X
-ssp. <i>alope</i>												X	X			X				X

Page 1C

**Page 2C**

	Fairfax (c)	Falls Church (c)	Fauquier	Floyd	Fluvanna	Franklin	Franklin (c)	Frederick	Fredericksburg (c)	Galax (c)	Giles	Gloucester	Goochland	Grayson	Greene	Greenville	Halifax	Hampton (c)	Hanover	Harrisonburg (c)
<b>SKIPPERS</b>																				
Broad-winged Skipper									X		X	X						X		
Hobomok Skipper			X	X				X		X					X				X	
Zabulon Skipper	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X
Twin-spot Skipper																				
Dusted Skipper		X			X					X		X								
Carolina Roadside-Skipper																X				
Reversed Roadside-Skipper																				
Pepper and Salt Skipper		X									X									
Lace-winged Roadside-Skipper																X		X		
Dusky Roadside-Skipper																				
Common Roadside-Skipper		X	X				X			X	X				X				X	
Swarthy Skipper		X					X			X		X	X		X			X		X
Eufala Skipper																				
Clouded Skipper		X	X		X					X	X	X	X				X	X	X	X
European Skipper		X				X				X			X							
Southern Skipperling																				
Salt Marsh Skipper												X						X		
Ocola Skipper		X							X		X	X	X		X	X	X	X	X	X
Brazilian Skipper									X			X						X		
Least Skipper	X		X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Yucca Giant-Skipper																				
<b>SWALLOUTAILS</b>																				
Zebra Swallowtail			X		X	X		X	X		X	X	X		X		X	X	X	X
Pipevine Swallowtail		X	X	X		X		X	X		X	X	X	X	X			X	X	X
Black Swallowtail		X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X
Giant Swallowtail		X						X			X	X			X					
Spicebush Swallowtail	X		X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Palamedes Swallowtail			X									X								
Eastern Tiger Swallowtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Appalachian Tiger Swallowtail			X	X		X		X							X	X				
<b>WHITES AND SULPHURS</b>																				
Dainty Sulphur					X							X								
Barred Yellow											X			X		X		X		
Little Yellow	X		X			X		X			X		X	X	X	X	X	X	X	X
Sleepy Orange	X		X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Clouded Sulphur	X		X	X	X	X		X			X	X	X	X	X		X		X	X
Orange Sulphur	X		X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Pink-edged Sulphur																				
Southern Dogface																			X	
Cloudless Sulphur	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
Orange-barred Sulphur											X									
Large Orange Sulphur																				
Falcate Orangetip			X	X		X		X	X		X	X	X	X	X	X	X	X	X	X
Olympia Marble								X			X									
Great Southern White																				
Checkered White			X					X			X									
Cabbage White	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
West Virginia White			X					X			X				X					

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## Page 4C

	Fairfax (c)	Falls Church (c)	Fauquier	Floyd	Fluvanna	Franklin	Franklin (c)	Frederick	Fredericksburg (c)	Galax (c)	Giles	Gloucester	Goochland	Grayson	Greene	Greenville	Halifax	Hampton (c)	Hanover	Harrisonburg (c)
<b>BRUSH-FOOTED BUTTERFLIES</b>																				
Regal Fritillary	X		X	X				X		X			X	X						
Diana Fritillary				X		X				X	X		X							
Great Spangled Fritillary		X	X	X	X		X			X	X	X	X	X			X	X	X	
Aphrodite Fritillary		X	X		X		X			X			X							
Atlantis Fritillary													X							
Viceroy	X		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	
-ssp. <i>archippus</i>			X								X	X					X	X	X	
-ssp. <i>watsoni</i>													X							X
-ssp. <i>floridensis</i>																				
Red-spotted Admiral		X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X
-White Admiral (ssp. <i>arthemis</i> )					X			X												
-Red-spotted Purple (ssp. <i>astyanax</i> )	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Hackberry Emperor			X	X	X	X		X	X		X	X	X		X		X	X		X
Tawny Emperor		X	X	X	X			X	X		X	X	X		X		X	X	X	
Ruddy Daggerwing																				
Compton Tortoiseshell																				
Mourning Cloak			X	X		X		X			X	X	X	X	X		X		X	
Question Mark	X		X	X		X		X			X	X	X	X	X		X	X	X	X
Eastern Comma		X	X	X		X		X			X	X	X	X	X		X	X	X	X
Gray Comma		X						X			X			X						
Green Comma											X			X						
West Coast Lady																				
American Lady		X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X
Painted Lady	X		X	X		X		X	X		X	X		X	X			X	X	X
Red Admiral	X		X	X	X	X		X	X		X	X	X	X	X		X	X	X	X
White Peacock																				
Common Buckeye	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Mimic																				
Baltimore Checkerspot		X						X			X			X						
Silvery Checkerspot		X	X	X	X	X	X	X			X		X	X	X				X	X
Harris' Checkerspot																				
Pearl Crescent	X	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X
Northern Crescent - univoltine taxon													X							
Northern Crescent - bivoltine taxon		X						X												
Tawny Crescent								X					X							
Phaon Crescent																				
Goatweed Leafwing																				
'Inornate' Common Ringlet																				
Southern Pearly-eye																X		X		
Northern Pearly-eye	X		X	X	X	X		X			X		X	X		X			X	
Creole Pearly-eye																X				
Appalachian Brown		X	X		X		X				X	X	X	X	X				X	
Gemmmed Satyr			X	X	X			X				X	X					X	X	
Little Wood-Satyr		X	X	X	X		X				X	X	X	X	X	X	X	X	X	X
Little Wood-Satyr - summer flight												X	X		X		X	X	X	
Little Wood-Satyr - spring flight		X		X	X						X			X	X					
Carolina Satyr			X	X	X						X	X	X			X	X	X	X	
Georgia Satyr																				
Helicta Satyr																	X			
Mitchell's Satyr						X														
Common Wood-Nymph			X	X	X	X		X			X	X	X	X	X			X	X	
-ssp. <i>pegala</i>																				
-ssp. <i>carolina</i>		X						X					X					X		
-ssp. <i>alope</i>			X	X				X				X	X		X				X	



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	Henrico	Henry	Highland	Hopewell (c)	Isle of Wight	James City	King and Queen	King George	King William	Lancaster	Lee	Lexington (c)	Loudoun	Louisa	Lunenburg	Lynchburg (c)	Madison	Manassas (c)	Manassas Park (c)	Martinsville (c)
<b>SKIPPERS</b>																				
Broad-winged Skipper	X	X			X	X	X	X	X										X	
Hobomok Skipper			X									X	X				X			
Zabulon Skipper	X	X	X		X	X		X	X	X	X		X	X			X	X		
Twin-spot Skipper																				
Dusted Skipper	X											X								
Carolina Roadside-Skipper																				
Reversed Roadside-Skipper							X													
Pepper and Salt Skipper	X		X				X													
Lace-winged Roadside-Skipper					X	X														
Dusky Roadside-Skipper																				
Common Roadside-Skipper				X							X						X			
Swarthy Skipper	X					X				X			X							
Eufala Skipper													X							
Clouded Skipper	X			X	X		X	X	X				X	X	X	X	X	X		
European Skipper			X										X							
Southern Skipperling																				
Salt Marsh Skipper	X					X	X		X											
Ocola Skipper	X				X	X							X	X			X			
Brazilian Skipper	X				X	X				X			X							
Least Skipper	X	X	X		X	X		X	X		X		X	X			X			
Yucca Giant-Skipper																				
<b>SWALLOUTAILS</b>																				
Zebra Swallowtail	X	X	X		X	X		X	X	X	X		X		X	X	X	X	X	
Pipevine Swallowtail	X	X	X			X	X					X		X	X		X	X	X	
Black Swallowtail	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
Giant Swallowtail	X											X		X						
Spicebush Swallowtail	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	
Palamedes Swallowtail						X	X			X										
Eastern Tiger Swallowtail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Appalachian Tiger Swallowtail				X									X				X			
<b>WHITES AND SULPHURS</b>																				
Dainty Sulphur														X			X			
Barred Yellow	X																			
Little Yellow	X					X	X			X	X			X	X					
Sleepy Orange	X					X	X			X	X		X		X		X			
Clouded Sulphur	X	X	X			X		X	X		X			X	X	X	X	X	X	
Orange Sulphur	X	X	X		X	X		X	X	X	X	X	X	X	X		X	X		
Pink-edged Sulphur			X																	
Southern Dogface																				
Cloudless Sulphur	X	X			X	X		X	X	X			X	X		X		X		
Orange-barred Sulphur																				
Large Orange Sulphur														X						
Falcate Orangetip	X	X	X		X	X			X	X	X		X	X		X	X			
Olympia Marble			X								X									
Great Southern White																				
Checkered White	X	X												X	X		X		X	
Cabbage White	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	
West Virginia White				X							X						X			

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## Page 4D

	Henrico	Henry	Highland	Hopewell (c)	Isle of Wight	James City	King and Queen	King George	King William	Lancaster	Lee	Lexington (c)	Loudoun	Louisa	Lunenburg	Lynchburg (c)	Madison	Manassas (c)	Martinsville (c)
<b>BRUSH-FOOTED BUTTERFLIES</b>																			
Regal Fritillary			X								X	X				X			
Diana Fritillary			X		X X						X	X							
Great Spangled Fritillary	X X X		X X		X X		X X		X		X	X X X X X						X	
Aphrodite Fritillary			X								X	X							
Atlantis Fritillary			X																
Viceroy	X	X	X		X X	X X	X X	X X	X X		X					X			
-ssp. <i>archippus</i>	X	X			X							X							
-ssp. <i>watsoni</i>												X							
-ssp. <i>floridensis</i>																			
Red-spotted Admiral	X X X				X X	X X	X X	X X	X X		X X X X X					X X			
-White Admiral (ssp. <i>arthemis</i> )							X												
-Red-spotted Purple (ssp. <i>astyanax</i> )	X X X				X X	X X	X X	X X	X X		X X X X X					X X			
Hackberry Emperor	X	X			X			X			X	X X				X X			
Tawny Emperor	X	X			X X						X	X				X X			
Ruddy Daggerwing																			
Compton Tortoiseshell																			
Mourning Cloak	X X X				X X X		X		X		X	X				X		X	
Question Mark	X X X				X X		X X	X X	X X		X X X X		X X X			X			
Eastern Comma	X X X				X X		X X	X X	X X		X				X X		X X		
Gray Comma		X										X					X		
Green Comma		X																	
West Coast Lady																			
American Lady	X X X				X X X	X X	X X	X X	X X		X X X X X		X X		X X			X	
Painted Lady	X X X				X X		X					X X		X X		X X		X X	
Red Admiral	X	X			X X	X X	X X	X X	X X		X X X X X		X X		X X		X X		X
White Peacock												X							
Common Buckeye	X X X	X X	X X	X X	X X	X X	X X	X X	X X		X X X X X		X X		X X X X		X X		X
Mimic																			
Baltimore Checkerspot		X										X	X			X			
Silvery Checkerspot	X	X			X		X		X		X	X X X X X		X X X X X		X X X X X		X X X X X	
Harris' Checkerspot		X																	
Pearl Crescent	X X X				X X X	X X X	X X X	X X X	X X X		X X X X X		X X X X X		X X X X X		X X X X X		X X X X X
Northern Crescent - univoltine taxon																			
Northern Crescent - bivoltine taxon												X							
Tawny Crescent					X														
Phaon Crescent																			
Goatweed Leafwing												X							
'Inornate' Common Ringlet	X																		
Southern Pearly-eye						X X													
Northern Pearly-eye	X	X				X		X			X		X X		X X		X X		X X
Creole Pearly-eye						X X													
Appalachian Brown	X X X				X			X			X								
Gemmmed Satyr	X	X			X X						X			X X		X X		X	
Little Wood-Satyr	X	X			X X			X			X		X X		X X		X X		X
Little Wood-Satyr - summer flight	X	X			X								X						
Little Wood-Satyr - spring flight	X	X			X X								X X		X X		X X		X
Carolina Satyr	X X				X X						X X X		X X		X X		X X		
Georgia Satyr																			
Helicta Satyr														X					
Mitchell's Satyr																			
Common Wood-Nymph	X X X				X X		X X	X X	X X		X								
-ssp. <i>pegala</i>	X X				X						X								
-ssp. <i>carolina</i>			X																
-ssp. <i>alope</i>			X		X							X		X		X			



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	Mathews	Mecklenburg	Middlesex	Montgomery	Nelson	New Kent	Newport News (c)	Norfolk (c)	Northampton	Northumberland	Norton (c)	Nottoway	Orange	Page	Patrick	Petersburg (c)	Pittsylvania	Poquoson (c)	Portsmouth (c)	Powhatan
<b>SKIPPERS</b>																				
Broad-winged Skipper	X		X X		X		X X X												X	
Hobomok Skipper				X X					X X					X						
Zabulon Skipper	X		X X X	X			X X X			X		X	X					X X		
Twin-spot Skipper																				
Dusted Skipper			X X										X							
Carolina Roadside-Skipper								X												
Reversed Roadside-Skipper									X											
Pepper and Salt Skipper			X X																X	
Lace-winged Roadside-Skipper							X X													
Dusky Roadside-Skipper																				
Common Roadside-Skipper		X X X	X						X X			X		X X					X	
Swarthy Skipper		X X		X X X	X X				X X					X X					X	
Eufala Skipper	X		X					X												
Clouded Skipper	X X X X	X X X X	X X X X	X X X X	X X X X									X X			X X	X X		
European Skipper		X											X							
Southern Skipperling																			X	
Salt Marsh Skipper	X	X		X			X X X										X X			
Ocola Skipper	X	X X X X	X X		X X							X	X						X	
Brazilian Skipper					X X X X	X X X X												X		
Least Skipper	X X X X X X	X X X X X X										X X X X X X							X X	
Yucca Giant-Skipper																				
<b>SWALLOUTAILS</b>																				
Zebra Swallowtail		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Pipevine Swallowtail		X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Black Swallowtail	X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Giant Swallowtail			X					X X						X				X		
Spicebush Swallowtail	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Palamedes Swallowtail			X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Eastern Tiger Swallowtail	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	
Appalachian Tiger Swallowtail			X X											X X						
<b>WHITES AND SULPHURS</b>																				
Dainty Sulphur				X												X				
Barred Yellow					X															
Little Yellow	X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Sleepy Orange	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Clouded Sulphur	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Orange Sulphur	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	
Pink-edged Sulphur																				
Southern Dogface			X						X					X X	X X		X			
Cloudless Sulphur	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	
Orange-barred Sulphur																				
Large Orange Sulphur																				
Falcate Orangetip	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Olympia Marble																				
Great Southern White							X													
Checkered White		X X X X X	X X X X X				X X						X X	X X				X		
Cabbage White	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	
West Virginia White													X							

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	Prince Edward	Prince George	Prince William	Pulaski	Radford (c)	Rappahannock	Richmond	Richmond (c)	Roanoke	Roanoke (c)	Rockbridge	Rockingham	Russell	Salem (c)	Scott	Shenandoah	Smyth	Southampton	South Boston (c)	Spotsylvania
<b>BRUSH-FOOTED BUTTERFLIES</b>																				
Regal Fritillary			X	X		X			X		X	X	X	X		X	X		X	
Diana Fritillary		X		X					X		X				X		X			
Great Spangled Fritillary	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
Aphrodite Fritillary				X	X	X			X		X	X	X	X	X	X	X			
Atlantis Fritillary						X												X		
Viceroy	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X			
-ssp. <i>archippus</i>	X		X				X	X	X										X	
-ssp. <i>watsoni</i>			X																	
-ssp. <i>floridensis</i>																				
Red-spotted Admiral	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
-White Admiral (ssp. <i>arthemis</i> )																	X			
-Red-spotted Purple (ssp. <i>astyanax</i> )	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hackberry Emperor	X	X	X	X	X	X			X	X		X	X		X	X	X	X		
Tawny Emperor	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
Ruddy Daggerwing																				
Compton Tortoiseshell											X	X								
Mourning Cloak	X	X	X	X	X	X			X	X		X	X		X	X	X	X	X	
Question Mark	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	
Eastern Comma	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
Gray Comma					X						X	X			X	X	X			
Green Comma															X		X			
West Coast Lady																				
American Lady	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Painted Lady	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		X	
Red Admiral	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
White Peacock																				
Common Buckeye	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mimic																				
Baltimore Checkerspot			X	X		X			X		X	X		X	X	X	X			
Silvery Checkerspot	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	
Harris' Checkerspot																				
Pearl Crescent	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Northern Crescent - univoltine taxon																				
Northern Crescent - bivoltine taxon																				
Tawny Crescent																	X			
Phaon Crescent																				
Goatweed Leafwing						X														
'Inornate' Common Ringlet																				
Southern Pearly-eye		X																X		
Northern Pearly-eye	X		X	X	X	X			X	X		X	X		X	X	X		X	
Creole Pearly-eye		X		X															X	
Appalachian Brown	X	X	X	X			X	X	X	X	X	X				X			X	
Gemmmed Satyr	X	X						X	X					X		X				
Little Wood-Satyr	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
Little Wood-Satyr - summer flight			X					X	X	X										
Little Wood-Satyr - spring flight	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X		X	
Carolina Satyr	X	X	X		X			X	X		X	X	X		X	X	X	X	X	
Georgia Satyr																				
Helicta Satyr																		X		
Mitchell's Satyr																				
Common Wood-Nymph	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
-ssp. <i>pegala</i>																				
-ssp. <i>carolina</i>			X						X			X								
-ssp. <i>alope</i>			X							X			X	X	X	X	X			

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	Stafford	Staunton (c)	Suffolk (c)	Surry	Sussex	Tazewell	Virginia Beach (c)	Warren	Washington	Waynesboro (c)	Westmoreland	Williamsburg (c)	Winchester (c)	Wise	Wythe	York	Tangier Island	
<b>SKIPPERS</b>																		
Broad-winged Skipper	X		X X				X				X						X	
Hobomok Skipper				X X				X							X	X		
Zabulon Skipper	X	X	X X	X X	X X	X X	X X	X X	X X	X X	X X		X X	X X				
Twin-spot Skipper					X													
Dusted Skipper	X		X				X				X							
Carolina Roadside-Skipper				X X			X											
Reversed Roadside-Skipper			X X			X X												
Pepper and Salt Skipper								X					X		X			
Lace-winged Roadside-Skipper			X X X		X													
Dusky Roadside-Skipper			X															
Common Roadside-Skipper			X X					X					X					
Swarthy Skipper	X		X				X X X			X						X		
Eufala Skipper			X				X											
Clouded Skipper	X		X X X				X X X			X X				X X				
European Skipper					X		X						X X					
Southern Skipperling			X	X														
Salt Marsh Skipper			X				X			X				X	X	X		
Ocola Skipper	X		X X X				X X			X X			X X					
Brazilian Skipper	X		X X X				X			X X				X X				
Least Skipper	X		X X		X X X	X X X	X X X	X X X	X X X	X X X	X X X		X X X	X X X				
Yucca Giant-Skipper			X				X											
<b>SWALLOWTAILS</b>																		
Zebra Swallowtail	X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Pipevine Swallowtail	X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Black Swallowtail	X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Giant Swallowtail			X				X X										X	
Spicebush Swallowtail	X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Palamedes Swallowtail			X X X		X X		X X						X			X		
Eastern Tiger Swallowtail	X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Appalachian Tiger Swallowtail					X		X											
<b>WHITES AND SULPHURS</b>																		
Dainty Sulphur																		
Barred Yellow																		
Little Yellow	X		X X X		X X X		X X X				X			X X X	X X X	X X X		
Sleepy Orange	X		X X				X X				X X			X X	X X	X X		
Clouded Sulphur	X		X X		X X	X X X	X X X	X			X X	X X	X X	X X X	X X X	X X X		
Orange Sulphur	X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Pink-edged Sulphur																		
Southern Dogface			X															
Cloudless Sulphur	X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Orange-barred Sulphur																		
Large Orange Sulphur																		
Falcate Orangetip	X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Olympia Marble																		
Great Southern White				X														
Checkered White	X		X X X X		X X X X		X X X X		X X X X		X X X X				X			
Cabbage White	X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
West Virginia White								X X						X				

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	Stafford	Staunton (c)	Suffolk (c)	Surry	Sussex	Tazewell	Virginia Beach (c)	Warren	Washington	Waynesboro (c)	Westmoreland	Williamsburg (c)	Winchester (c)	Wise	Wythe	York	Tangier Island
<b>BRUSH-FOOTED BUTTERFLIES</b>																	
Regal Fritillary	X					X	X	X	X						X		
Diana Fritillary			X	X		X			X					X	X		
Great Spangled Fritillary	X		X	X		X	X	X	X		X	X	X	X	X	X	X
Aphrodite Fritillary						X		X	X					X	X		
Atlantis Fritillary																	
Viceroy	X		X	X	X	X	X	X	X		X			X	X		
-ssp. <i>archippus</i>	X		X	X	X	X			X		X			X	X		
-ssp. <i>watsoni</i>			X				X										
-ssp. <i>floridensis</i>			X				X										
Red-spotted Admiral	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
-White Admiral (ssp. <i>arthemis</i> )																	
-Red-spotted Purple (ssp. <i>astyanax</i> )	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hackberry Emperor	X	X			X			X	X	X	X	X	X	X	X	X	X
Tawny Emperor	X	X	X	X				X	X			X	X		X	X	X
Ruddy Daggerwing								X									
Compton Tortoiseshell																	
Mourning Cloak			X	X	X	X	X	X	X		X			X	X	X	
Question Mark	X	X	X	X	X	X	X	X	X		X	X		X	X	X	
Eastern Comma	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	
Gray Comma						X		X	X								
Green Comma									X								
West Coast Lady																	
American Lady	X		X	X	X	X	X	X			X	X		X	X	X	
Painted Lady	X		X	X	X	X	X	X	X		X	X	X		X	X	X
Red Admiral	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X
White Peacock																	
Common Buckeye	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mimic																	
Baltimore Checkerspot									X							X	
Silvery Checkerspot	X	X				X		X	X					X	X	X	
Harris' Checkerspot																	
Pearl Crescent	X		X	X	X	X	X	X	X		X	X		X	X	X	
Northern Crescent - univoltine taxon																	
Northern Crescent - bivoltine taxon																	
Tawny Crescent																	
Phaon Crescent							X										
Goatweed Leafwing																	
'Inornate' Common Ringlet																	
Southern Pearly-eye			X	X	X			X									X
Northern Pearly-eye			X			X	X	X	X		X			X	X	X	
Creole Pearly-eye			X	X			X										
Appalachian Brown	X		X	X		X		X	X		X	X		X	X	X	
Gemmmed Satyr			X	X	X	X	X		X					X		X	
Little Wood-Satyr	X		X	X	X	X	X	X	X		X			X	X	X	
Little Wood-Satyr - summer flight			X	X	X			X	X			X					X
Little Wood-Satyr - spring flight			X		X	X	X	X						X		X	
Carolina Satyr			X	X	X	X	X							X		X	
Georgia Satyr			X														
Helicta Satyr			X														
Mitchell's Satyr																	
Common Wood-Nymph	X		X	X	X	X	X	X	X		X			X	X	X	
-ssp. <i>pegala</i>			X	X	X	X											X
-ssp. <i>carolina</i>																	
-ssp. <i>alope</i>						X	X							X			

<b>Page 1H</b> <b>Common Name</b> Per NABA (2001) and updated for taxa described or revised post-2001.	<b>Scientific (Latin) Name</b> Per Pelham (2021) with some adjustments per Harry Pavulaan.	<b>Pelham (Jan. 2021) entry number</b> <a href="http://butterfliesofamerica.com/US-Can-Cat.htm">http://butterfliesofamerica.com/ US-Can-Cat.htm</a>	<b>Scientific (Latin) Name</b> Per NABA (2001). For cross-reference purposes only.
<b>SKIPPERS</b>	<b>HESPERIIDAE</b>		<b>HESPERIIDAE</b>
Hoary Edge	<i>Cecropterus lyciades</i> * <sup>1</sup>	10	<i>Achalarus lyciades</i>
Southern Cloudywing	<i>Cecropterus bathylus</i> * <sup>3</sup>	12	<i>Thorybes bathylus</i>
Northern Cloudywing	<i>Cecropterus pylades pylades</i> * <sup>4</sup>	16a	<i>Thorybes pylades</i>
Confused Cloudywing	<i>Cecropterus confusis</i> * <sup>2</sup>	19	<i>Thorybes confusis</i>
Long-tailed Skipper	<i>Urbanus proteus proteus</i>	27a	<i>Urbanus proteus</i>
Golden Banded-Skipper	<i>Teleonus cellus</i> * <sup>5</sup>	36	<i>Autochton cellus</i>
Silver-spotted Skipper	<i>Epargyreus clarus clarus</i>	41a	<i>Epargyreus clarus</i>
Common Sootywing	<i>Pholisora catullus</i>	75	<i>Pholisora catullus</i>
Hayhurst's Scallopwing	<i>Staphylus hayhurstii</i>	80	<i>Staphylus hayhurstii</i>
'Appalachian' Grizzled Skipper	<i>Pyrgus centaureae wyandot</i>	92a	<i>Pyrgus centaureae wyandot</i>
Common Checkered-Skipper	<i>Burnsius communis communis</i> * <sup>14</sup>	94a	<i>Pyrgus communis</i>
White Checkered-Skipper	<i>Burnsius albescens</i> * <sup>15</sup>	97	<i>Pyrgus albescens</i>
Dreamy Duskywing	<i>Erynnis icelus</i>	115	<i>Erynnis icelus</i>
Sleepy Duskywing	<i>Erynnis brizo brizo</i>	116b	<i>Erynnis brizo</i>
Mottled Duskywing	<i>Gesta martialis</i> * <sup>8</sup>	118	<i>Erynnis martialis</i>
Juvenal's Duskywing	<i>Gesta juvenalis juvenalis</i> * <sup>6</sup>	120a	<i>Erynnis juvenalis</i>
Horace's Duskywing	<i>Gesta horatius</i> * <sup>7</sup>	124	<i>Erynnis horatius</i>
Zarucco Duskywing	<i>Gesta zarucco</i> * <sup>9</sup>	127	<i>Erynnis zarucco</i>
Funereal Duskywing	<i>Gesta funeralis</i> * <sup>10</sup>	128	<i>Erynnis funeralis</i>
Wild Indigo Duskywing	<i>Gesta baptisiae</i> * <sup>11</sup>	129	<i>Erynnis baptisiae</i>
Columbine Duskywing	<i>Gesta lucilius</i> * <sup>12</sup>	130	<i>Erynnis lucilius</i>
Persius Duskywing	<i>Gesta persius persius</i> * <sup>13</sup>	132a	<i>Erynnis persius</i>
Palatka Skipper	<i>Euphyes pilatka pilatka</i>	142a	<i>Euphyes pilatka</i>
Black Dash	<i>Euphyes conspicua orono</i>	143a	<i>Euphyes conspicua</i>
Dion Skipper	<i>Euphyes dion</i>	145	<i>Euphyes dion</i>
Duke's Skipper	<i>Euphyes dukesi dukesi</i>	147a	<i>Euphyes dukesi</i>
Two-spotted Skipper*	<i>Euphyes bimacula</i> * <sup>21</sup>	148	<i>Euphyes bimacula</i>
Two-spotted Skipper*	<i>Euphyes bimacula bimacula</i> * <sup>21</sup>	148a	
Two-spotted Skipper*	<i>Euphyes bimacula arbogasti</i> * <sup>21</sup>	148b	
Dun Skipper	<i>Euphyes vestris metacomet</i>	150d	<i>Euphyes vestris</i>
Delaware Skipper	<i>Anatrytone logan logan</i>	153a	<i>Anatrytone logan</i>
Arogos Skipper	<i>Atrytone arogos arogos</i>	155a	<i>Atrytone arogos</i>
Rare Skipper	<i>Atrytone bulenta</i> * <sup>20</sup>	157	<i>Problema bulenta</i>
Fiery Skipper	<i>Hylephila phyleus phyleus</i>	158a	<i>Hylephila phyleus</i>
Whirlabout	<i>Hedone vibex vibex</i> * <sup>19</sup>	159a	<i>Polites vibex</i>
Crossline Skipper	<i>Limochares origenes origenes</i> * <sup>17</sup>	160a	<i>Polites origenes</i>
Long Dash	<i>Limochares mystic mystic</i> * <sup>18</sup>	162a	<i>Polites mystic</i>
Tawny-edged Skipper	<i>Polites themistocles themistocles</i>	163a	<i>Polites themistocles</i>
Peck's Skipper	<i>Polites peckius peckius</i>	164a	<i>Polites peckius</i>
Southern Broken-Dash	<i>Polites otho otho</i> * <sup>55</sup>	171a	<i>Wallengrenia otho</i>
Northern Broken-Dash	<i>Polites egeremet</i> * <sup>56</sup>	172	<i>Wallengrenia egeremet</i>
Little Glassywing	<i>Vernia verna</i> * <sup>54</sup>	175	<i>Pompeius verna</i>
Sachem	<i>Atalopedes campestris huron</i>	176b	<i>Atalopedes campestris</i>
Leonard's Skipper	<i>Hesperia leonardus leonardus</i>	186a	<i>Hesperia leonardus</i>
Cobweb Skipper	<i>Hesperia metea metea</i>	191a	<i>Hesperia metea</i>
Dotted Skipper	<i>Hesperia attalus attalus</i>	192a	<i>Hesperia attalus</i>
Indian Skipper	<i>Hesperia sassacus sassacus</i>	195b	<i>Hesperia sassacus</i>
Aaron's Skipper	<i>Poanes aaroni aaroni</i>	201a	<i>Poanes aaroni</i>
Yehl Skipper	<i>Poanes yehl</i>	202	<i>Poanes yehl</i>
Mulberry Wing	<i>Poanes massasoit hughj</i> * <sup>51</sup>	listed under 203a	<i>Poanes massasoit</i>

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<b>SKIPPERS</b>	<b>HESPERIIDAE</b>		<b>HESPERIIDAE</b>
Broad-winged Skipper	<i>Poanes viator zizaniae</i>	204b	<i>Poanes viator</i>
Hobomok Skipper	<i>Lon hobomok hobomok</i> * <sup>52</sup>	205a	<i>Poanes hobomok</i>
Zabulon Skipper	<i>Lon zabulon</i> * <sup>53</sup>	206	<i>Poanes zabulon</i>
Twin-spot Skipper	<i>Oligoria maculata</i>	210	<i>Oligoria maculata</i>
Dusted Skipper	<i>Atrytonopsis hianna</i>	212a	<i>Atrytonopsis hianna</i>
Carolina Roadside-Skipper	<i>Amblyscirtes carolina</i>	226	<i>Amblyscirtes carolina</i>
Reversed Roadside-Skipper	<i>Amblyscirtes reversa</i>	227	<i>Amblyscirtes reversa</i>
Pepper and Salt Skipper	<i>Amblyscirtes hegon</i>	228	<i>Amblyscirtes hegon</i>
Lace-winged Roadside-Skipper	<i>Amblyscirtes aesculapius</i>	229	<i>Amblyscirtes aesculapius</i>
Dusky Roadside-Skipper	<i>Amblyscirtes alternata</i>	231	<i>Amblyscirtes alternata</i>
Common Roadside-Skipper	<i>Amblyscirtes vialis</i>	232	<i>Amblyscirtes vialis</i>
Swarthy Skipper	<i>Nastraea lherminier</i>	247	<i>Nastraea lherminier</i>
Eufala Skipper	<i>Lerodea eufala eufala</i>	251a	<i>Lerodea eufala</i>
Clouded Skipper	<i>Lerema accius</i>	257	<i>Lerema accius</i>
European Skipper	<i>Thymelicus lineola lineola</i>	266a	<i>Thymelicus lineola</i>
Southern Skipperling	<i>Oarisma minima</i> * <sup>16</sup>	271	<i>Copaeodes minimus</i>
Salt Marsh Skipper	<i>Panoquina panoquin</i>	272	<i>Panoquina panoquin</i>
Ocola Skipper	<i>Panoquina ocola ocola</i>	275a	<i>Panoquina ocola</i>
Brazilian Skipper	<i>Calpodes ethlius</i>	279	<i>Calpodes ethlius</i>
Least Skipper	<i>Ancyloxypha numitor</i>	281	<i>Ancyloxypha numitor</i>
Yucca Giant-Skipper	<i>Megathymus yuccae</i>	296a	<i>Megathymus yuccae</i>
<b>SWALLOWTAILS</b>	<b>PAPILIONIDAE</b>		<b>PAPILIONIDAE</b>
Zebra Swallowtail	<i>Eurytides marcellus marcellus</i>	308a	<i>Eurytides marcellus</i>
Pipevine Swallowtail	<i>Battus philenor philenor</i>	312a	<i>Battus philenor</i>
Black Swallowtail	<i>Papilio polyxenes asterius</i>	319a	<i>Papilio polyxenes</i>
Giant Swallowtail	<i>Heraclides cresphontes</i> * <sup>22</sup>	330	<i>Papilio cresphontes</i>
Spicebush Swallowtail	<i>Pterourus troilus troilus</i> * <sup>23</sup>	333a	<i>Papilio troilus</i>
Palamedes Swallowtail	<i>Pterourus palamedes palamedes</i> * <sup>23</sup>	334a	<i>Papilio palamedes</i>
Eastern Tiger Swallowtail	<i>Pterourus glaucus glaucus</i> * <sup>23</sup>	340a	<i>Papilio glaucus</i>
Appalachian Tiger Swallowtail	<i>Pterourus appalachiensis</i> * <sup>23, 24</sup>	343	
<b>WHITES AND SULPHURS</b>	<b>PIERIDAE</b>		<b>PIERIDAE</b>
Dainty Sulphur	<i>Nathalis iole iole</i>	346a	<i>Nathalis iole</i>
Barred Yellow	<i>Eurema daira daira</i>	347b	<i>Eurema daira</i>
Little Yellow	<i>Pyrisitia lisa lisa</i> * <sup>25</sup>	349a	<i>Eurema lisa</i>
Sleepy Orange	<i>Abaeis nicippe</i> * <sup>26</sup>	353	<i>Eurema nicippe</i>
Clouded Sulphur	<i>Colias philodice</i>	373	<i>Colias philodice</i>
Orange Sulphur	<i>Colias eurytheme</i>	374	<i>Colias eurytheme</i>
Pink-edged Sulphur	<i>Colias interior carolae</i> * <sup>27</sup>	375b	<i>Colias interior</i>
Southern Dogface	<i>Zerene cesonia</i> * <sup>28</sup>	380a	<i>Colias cesonia</i>
Cloudless Sulphur	<i>Phoebis sennae eubule</i>	384b	<i>Phoebis sennae</i>
Orange-barred Sulphur	<i>Phoebis philea philea</i>	385a	<i>Phoebis philea</i>
Large Orange Sulphur	<i>Phoebis agarithe maxima</i>	388c	<i>Phoebis agarithe</i>
Falcate Orangetip	<i>Anthocharis midea annickae</i>	397a	<i>Anthocharis midea</i>
Olympia Marble	<i>Euchloe olympia olympia</i>	401a	<i>Euchloe olympia</i>
Great Southern White	<i>Ascia monuste phileta</i>	410b	<i>Ascia monuste</i>
Checkered White	<i>Pontia protodice</i>	417	<i>Pontia protodice</i>
Cabbage White	<i>Pieris rapae rapae</i>	420a	<i>Pieris rapae</i>
West Virginia White	<i>Pieris virginiensis virginiensis</i>	424a	<i>Pieris virginiensis</i>

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<b>GOSSAMER-WING BUTTERFLIES</b>			
	<b>LYCAENIDAE</b>		<b>LYCAENIDAE</b>
Harvester	<i>Feniseca tarquinius</i>	425a	<i>Feniseca tarquinius</i>
American Copper	<i>Lycaena phlaeas hypophlaeas</i>	426a	<i>Lycaena phlaeas</i>
Bronze Copper	<i>Tharsalea hyllus</i> <sup>*44</sup>	428	<i>Lycaena hyllus</i>
Great Purple Hairstreak	<i>Altides halesus halesus</i>	447a	<i>Altides halesus</i>
White M Hairstreak	<i>Parrhasius m-album</i>	450	<i>Parrhasius m-album</i>
Red-banded Hairstreak	<i>Calycopis cecrops</i>	454	<i>Calycopis cecrops</i>
Gray Hairstreak	<i>Strymon melinus humuli</i>	472b	<i>Strymon melinus</i>
'Olive' Juniper Hairstreak	<i>Mitoura gryneus gryneus</i> <sup>*29</sup>	490c	<i>Callophrys gryneus gryneus</i>
Hessel's Hairstreak	<i>Mitoura hesseli hesseli</i> <sup>*29</sup>	493a	<i>Callophrys hesseli</i>
Brown Elfin	<i>Incisalia augustinus croesioides</i> <sup>*29</sup>	494a	<i>Callophrys augustinus</i>
Hoary Elfin	<i>Incisalia polios polios</i> <sup>*29</sup>	497a	<i>Callophrys polios</i>
Frosted Elfin	<i>Incisalia irus</i> <sup>*29</sup>	498a	<i>Callophrys irus</i>
	<i>Baptisia</i> -feeding taxon <sup>*30</sup>	ref. 498a	
	<i>Lupinus</i> -feeding taxon <sup>*30</sup>	ref. 498a	
Henry's Elfin	<i>Incisalia henrici</i> <sup>*29</sup>	499	<i>Callophrys henrici</i>
	ssp. <i>henrici</i> <sup>*31</sup>	499a	
'Greenish' Henry's Elfin <sup>*31</sup>	ssp. <i>viridissima</i> <sup>*31</sup>	499b	
Pine Elfin	<i>Incisalia niphon niphon</i> <sup>*29</sup>	501a	<i>Callophrys niphon</i>
Early Hairstreak	<i>Erora laeta</i>	515	<i>Erora laeta</i>
Coral Hairstreak	<i>Satyrium titus titus</i>	520a	<i>Satyrium titus</i>
'Northern' Oak Hairstreak	<i>Satyrium favonius ontario</i>	523a	<i>Satyrium favonius ontario</i>
King's Hairstreak	<i>Satyrium kingi</i>	526	<i>Satyrium kingi</i>
Striped Hairstreak	<i>Satyrium liparops strigosa</i>	527c	<i>Satyrium liparops</i>
Hickory Hairstreak	<i>Satyrium caryaevorus</i>	528	<i>Satyrium caryaevorum</i>
Banded Hairstreak	<i>Satyrium calanus falacer</i>	529b	<i>Satyrium calanus</i>
Edwards' Hairstreak	<i>Satyrium edwardsii edwardsii</i>	530a	<i>Satyrium edwardsii</i>
Cassius Blue	<i>Leptotes cassius theonus</i>	541a	<i>Leptotes cassius</i>
Marine Blue	<i>Leptotes marina</i>	542	<i>Leptotes marina</i>
Silvery Blue	<i>Glaucopsyche lygdamus nittanyensis</i>	563b	<i>Glaucopsyche lygdamus</i>
Northern Azure <sup>*32</sup>	<i>Celastrina lucia lucia</i> <sup>*32</sup>	565a	
Spring Azure <sup>*33</sup>	<i>Celastrina ladon (=violacea)</i> <sup>*33</sup>	567	<i>Celastrina ladon</i> <sup>*33</sup>
Holly Azure <sup>*34</sup>	<i>Celastrina idella</i> <sup>*34</sup>	568	<i>Celastrina ladon idella</i> <sup>*34</sup>
Cherry Gall Azure <sup>*35</sup>	<i>Celastrina serotina</i> <sup>*35</sup>	569	
Summer Azure <sup>*36</sup>	<i>Celastrina neglecta</i> <sup>*36</sup>	570	<i>Celastrina ladon neglecta</i> <sup>*36</sup>
Appalachian Azure	<i>Celastrina neglectamajor</i>	572	<i>Celastrina neglectamajor</i>
Dusky Azure	<i>Celastrina nigra</i>	573	<i>Celastrina nigra (=ebenina)</i>
Eastern Tailed-Blue	<i>Everes comyntas comyntas</i> <sup>*37</sup>	574a	<i>Everes comyntas</i>
<b>METALMARKS</b>			
	<b>RIODINIDAE</b>		<b>RIODINIDAE</b>
Northern Metalmark	<i>Calephelis borealis</i>	603	<i>Calephelis borealis</i>
Little Metalmark	<i>Calephelis virginiensis</i>	605	<i>Calephelis virginiensis</i>
<b>BRUSH-FOOTED BUTTERFLIES</b>			
	<b>NYMPHALIDAE</b>		<b>NYMPHALIDAE</b>
American Snout	<i>Libytheana bachmanii</i> <sup>*38</sup>	628c	<i>Libytheana carinenta</i>
Monarch	<i>Danaus plexippus plexippus</i>	632a	<i>Danaus plexippus</i>
Caribbean Monarch*	<i>Danaus plexippus megalippe</i> <sup>*39</sup>		
Queen	<i>Danaus gilippus berenice</i>	634a	<i>Danaus gilippus</i>
Zebra Heliconian	<i>Heliconius charithonia tuckeri</i>	638a	<i>Heliconius charithonia</i>
Gulf Fritillary	<i>Dione incarnata nigrior</i> <sup>*40</sup>	640a	<i>Agraulis vanillae</i>
Variegated Fritillary	<i>Euptoieta claudia</i>	643	<i>Euptoieta claudia</i>
Meadow Fritillary	<i>Boloria bellona bellona</i>	653a	<i>Boloria bellona</i>
Silver-bordered Fritillary	<i>Boloria selene myrina</i>	655a	<i>Boloria selene</i>

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<b>BRUSH-FOOTED BUTTERFLIES</b>			
	<b>NYMPHALIDAE</b>		<b>NYMPHALIDAE</b>
Regal Fritillary	<i>Argynnis idalia idalia</i> * <sup>46</sup>	659a	<i>Speyeria idalia</i>
Diana Fritillary	<i>Argynnis diana</i> * <sup>43</sup>	660	<i>Speyeria diana</i>
Great Spangled Fritillary	<i>Argynnis cybele cybele</i> * <sup>44</sup>	662a	<i>Speyeria cybele</i>
Aphrodite Fritillary	<i>Argynnis aphrodite aphrodite</i> * <sup>45</sup>	663b	<i>Speyeria aphrodite</i>
'Atlantis' Atlantis Fritillary	<i>Argynnis atlantis atlantis</i> * <sup>47</sup>	670a	<i>Speyeria atlantis atlantis</i>
Viceroy <sup>*42</sup>	<i>Limenitis archippus</i>	674	<i>Limenitis archippus</i>
Viceroy <sup>*42</sup>	ssp. <i>archippus</i> * <sup>42</sup>	674c	
Watson's Viceroy <sup>*42</sup>	ssp. <i>watsoni</i> * <sup>42</sup>	674b	
Florida Viceroy <sup>*42</sup>	ssp. <i>floridensis</i> * <sup>42</sup>	674a	
Red-spotted Admiral <sup>*41</sup>	<i>Limenitis arthemis</i>	675	<i>Limenitis arthemis</i>
White Admiral <sup>*41</sup>	ssp. <i>arthemis</i>	675b	<i>Limenitis arthemis arthemis</i>
Red-spotted Purple <sup>*41</sup>	ssp. <i>astyanax</i>	675c	<i>Limenitis arthemis astyanax</i>
Hackberry Emperor	<i>Asterocampa celtis celtis</i>	682a	<i>Asterocampa celtis</i>
Tawny Emperor	<i>Asterocampa clyton clyton</i>	684a	<i>Asterocampa clyton</i>
Ruddy Daggerwing	<i>Marpesia petreus petreus</i>	707a	<i>Marpesia petreus</i>
Compton Tortoiseshell	<i>Nymphalis l-album j-album</i>	716a	<i>Nymphalis vauaibum</i>
Mourning Cloak	<i>Nymphalis antiopa lintnerii</i>	listed under 718a	<i>Nymphalis antiopa</i>
Question Mark	<i>Nymphalis interrogationis</i> * <sup>45</sup>	719	<i>Polygonia interrogationis</i>
Eastern Comma	<i>Nymphalis comma</i> * <sup>45</sup>	720	<i>Polygonia comma</i>
Gray Comma	<i>Nymphalis progne</i> * <sup>45</sup>	722	<i>Polygonia progne</i>
Green Comma	<i>Nymphalis faunus smythi</i> * <sup>45</sup>	726a	<i>Polygonia faunus</i>
West Coast Lady	<i>Vanessa annabella</i>	727	<i>Vanessa annabella</i>
American Lady	<i>Vanessa virginiensis</i>	728	<i>Vanessa virginiensis</i>
Painted Lady	<i>Vanessa cardui</i>	729	<i>Vanessa cardui</i>
Red Admiral	<i>Vanessa atalanta rubria</i>	730a	<i>Vanessa atalanta</i>
White Peacock	<i>Anartia jatrophae guantanamo</i>	732a	<i>Anartia jatrophae</i>
Common Buckeye	<i>Junonia coenia coenia</i>	737a	<i>Junonia coenia</i>
Mimic	<i>Hypolimnas misippus</i>	743	<i>Hypolimnas misippus</i>
Baltimore Checkerspot	<i>Euphydryas phaeton schausi</i> * <sup>47</sup>	listed under 746a	<i>Euphydryas phaeton</i>
Silvery Checkerspot	<i>Chlosyne nycteis nycteis</i>	767b	<i>Chlosyne nycteis</i>
Harris' Checkerspot	<i>Chlosyne harrisii liggettii</i>	768c	<i>Chlosyne harrisii</i>
Pearl Crescent	<i>Phyciodes tharos tharos</i>	785a	<i>Phyciodes tharos</i>
Northern Crescent-univoltine taxon <sup>*48</sup>	<i>Phyciodes cocyta selenis</i> * <sup>48</sup>	786b	<i>Phyciodes selenis</i>
Northern Crescent-bivoltine taxon <sup>*48</sup>	<i>Phyciodes</i> (sp. new)* <sup>48</sup>		
Tawny Crescent	<i>Phyciodes batesii batesii</i>	787e	<i>Phyciodes batesii</i>
Phaon Crescent	<i>Phyciodes phaon phaon</i>	792a	<i>Phyciodes phaon</i>
Goatweed Leafwing	<i>Anaea andria</i>	804	<i>Anaea andria</i>
'Inornata' Common Ringlet	<i>Coenonympha californica inornata</i> * <sup>46</sup>	806c	<i>Coenonympha tullia inornata</i>
Southern Pearly-eye	<i>Lethe portlandia portlandia</i>	807b	<i>Enodia portlandia</i>
Northern Pearly-eye	<i>Lethe anthedon anthedon</i>	808a	<i>Enodia anthedon</i>
Creole Pearly-eye	<i>Lethe creola</i>	809	<i>Enodia creola</i>
Appalachian Brown	<i>Lethe appalachia appalachia</i>	811a	<i>Satyrodes appalachia</i>
Gemmmed Satyr	<i>Cyllopsis gemma gemma</i>	814a	<i>Cyllopsis gemma</i>
Little Wood-Satyr <sup>*49</sup>	<i>Megisto cymela</i> (ALL)* <sup>49</sup>	817	<i>Megisto cymela</i>
Little Wood-Satyr - summer flight <sup>*49</sup>	<i>Megisto cymela</i> * <sup>49</sup>	817a	
Little Wood-Satyr - spring flight <sup>*49</sup>	<i>Megisto eurytris</i> * <sup>49</sup>	listed under 817a	
Carolina Satyr	<i>Hermeuptychia sosybius</i>	818	<i>Hermeuptychia sosybius</i>
Georgia Satyr <sup>*50</sup>	<i>Neonympha areolatus</i> * <sup>50</sup>	821	<i>Neonympha areolata</i>
Helicta Satyr <sup>*50</sup>	<i>Neonympha helicta</i> * <sup>50</sup>	listed under 821a	
Mitchell's Satyr	<i>Neonympha mitchellii mitchellii</i>	822a	<i>Neonympha mitchellii</i>
Common Wood-Nymph <sup>*51</sup>	<i>Cercyonis pegala</i> * <sup>51</sup>	824	<i>Cercyonis pegala</i>
* <sup>51</sup>	ssp. <i>pegala</i> * <sup>51</sup>	824a	
* <sup>51</sup>	ssp. <i>carolina</i> * <sup>51</sup>	listed under 824a	
* <sup>51</sup>	ssp. <i>alope</i> * <sup>51</sup>	824b	