# I. Bhutan Glory

- 1. <a href="https://www.ifoundbutterflies.org/sp/2093/Bhutanitis-ludlowi">https://www.ifoundbutterflies.org/sp/2093/Bhutanitis-ludlowi</a>
- 2. <a href="https://greenwings.co/product/quest-for-bhutan-glory/">https://greenwings.co/product/quest-for-bhutan-glory/</a>
- 3. https://www.ifoundbutterflies.org/sp/749/Bhutanitis-lidderdalii

## II. Chimaera Birdwing

- 1. https://www.ebay.com/itm/153749293698
- 2. https://www.wikiwand.com/id/Ornithoptera\_chimaera
- 3. https://www.aureus-butterflies.de/Ornithoptera-chimaera-ssp-charybdismale
- 4. <a href="http://swallowtails.net/O\_chimaera.htm">http://swallowtails.net/O\_chimaera.htm</a>
- https://www.alamy.com/ornithoptera-chimaera-the-chimaera-birdwing-hand-painted-watercolor-illustration-with-handwritten-inscription-image247639060.html?pv=1&stamp=2&imageid=04C1CF9A-5592-4E1E-ACCF-

- 6. https://content.eol.org/data/media/5d/fe/f1/509.2782100.580x360.jpg
- 7. https://www.ranker.com/list/most-beautiful-butterflies/joedonley
- 8. https://en.wikipedia.org/wiki/Ornithoptera chimaera
- 9. <a href="https://www.flickr.com/photos/111574386@N06/32125873135">https://www.flickr.com/photos/111574386@N06/32125873135</a>

- 10. http://butterflies.aa6g.org/Butterflies/Tropical/chimaera.jpg
- 11. http://insecta.pro/taxonomy/15354
- 12. <a href="http://animal.memozee.com/view.php?tid=2&did=40214">http://animal.memozee.com/view.php?tid=2&did=40214</a>
- 14. <a href="https://commons.wikimedia.org/wiki/File:Ornithoptera\_chimaera\_m.jpg">https://commons.wikimedia.org/wiki/File:Ornithoptera\_chimaera\_m.jpg</a>
- 15. <a href="https://www.discogs.com/release/2814385-The-Bee-Gees-Rare-Precious-Beautiful">https://www.discogs.com/release/2814385-The-Bee-Gees-Rare-Precious-Beautiful</a>
- 17. https://www.flickr.com/photos/48443423@N02/28157797183/in/photostream/
- 18. <a href="https://www.facebook.com/69435996357/posts/this-is-the-infamous-and-poisonous-chimaera-birdwing-from-irian-jaya-and-papua-n/10156461529971358/">https://www.facebook.com/69435996357/posts/this-is-the-infamous-and-poisonous-chimaera-birdwing-from-irian-jaya-and-papua-n/10156461529971358/</a>
- 19. https://insectnet.proboards.com/thread/5724/ornithoptera-chimaera-charybdis
- 20. http://insecta.pro/taxonomy/15354
- 21. <a href="https://alchetron.com/Ornithoptera-chimaera">https://alchetron.com/Ornithoptera-chimaera</a>

#### III. Kaiser-i-Hind

- 1. <a href="https://thaibutterflies.com/Butterflies/teinopalpus-imperialis/">https://thaibutterflies.com/Butterflies/teinopalpus-imperialis/</a>
- 2. <a href="https://upload.wikimedia.org/wikipedia/commons/3/38/Kaiser-i-Hind.2.jpg">https://upload.wikimedia.org/wikipedia/commons/3/38/Kaiser-i-Hind.2.jpg</a>
- 3. https://zhuanlan.zhihu.com/p/78076304
- 4. <a href="https://anle20.wordpress.com/2011/12/07/nh%E1%BB%AFng-lo%E1%BA%A1i-b%C6%B0%E1%BB%9Bm-d%E1%BA%B9p-nh%E1%BA%A5t-c%E1%BB%A7a-vi%E1%BB%87t-nam/">https://anle20.wordpress.com/2011/12/07/nh%E1%BB%AFng-lo%E1%BA%A5i-b%C6%B0%E1%BB%9Bm-d%E1%BA%B9p-nh%E1%BA%A5t-c%E1%BB%A7a-vi%E1%BB%87t-nam/</a>

- 5. <a href="https://ml.wikipedia.org/wiki/%E0%B4%95%E0%B5%88%E0%B4%B8%E0">https://ml.wikipedia.org/wiki/%E0%B4%95%E0%B5%88%E0%B4%B8%E0</a>
  <a href="https://ml.wikipedia.org/wiki/%E0%B4%95%E0%B5%88%E0%B4%B8%E0">https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B5%88E0%B4%B8%E0</a>
  <a href="https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B5%88%E0%B4%B8%E0">https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B5%88%E0%B4%B8%E0</a>
  <a href="https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B4%BF%E0%B4%A8%E0">https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B4%BF%E0%B4%A8%E0</a>
  <a href="https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B4%BF%E0%B4%A8%E0">https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B4%BF%E0%B4%A8%E0</a>
  <a href="https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B4%BF%E0%B4%A8%E0">https://ml.wikipedia.org/wiki/%E0%B4%B9%E0%B4%BF%E0%B4%A8%E0</a>
  <a href="https://ml.wikipedia.org/wiki/%E0%B5%8D">https://ml.wikipedia.org/wiki/%E0%B5%8D</a>
- 6. <a href="https://danielhydewordpress.wordpress.com/2018/11/16/the-butterfly-effect/">https://danielhydewordpress.wordpress.com/2018/11/16/the-butterfly-effect/</a>
- 7. <a href="https://informazione.home.blog/author/beatricepallotta/">https://informazione.home.blog/author/beatricepallotta/</a>
- 8. <a href="https://commons.wikimedia.org/wiki/File:Teinopalpus\_imperialis\_Male.jpg">https://commons.wikimedia.org/wiki/File:Teinopalpus\_imperialis\_Male.jpg</a>
- 9. https://www.flickr.com/photos/guano/228895083
- 10. <a href="https://theverybesttop10.com/unusual-butterflies/">https://theverybesttop10.com/unusual-butterflies/</a>
- 11. https://www.ifoundbutterflies.org/sp/2845/Teinopalpus-imperialis
- 12. https://www.pinterest.com/pin/504684701980294422/
- 13. <a href="https://www.google.com/imgres?imgurl=https://photo-baomoi.zadn.vn/w720x480/2021\_02\_04\_181\_37851608/857a3837fc74152a4c65.jpg&imgrefurl=https://baomoi.com/tieng-keu-cuu-tu-trong-sachdo/c/37851608.epi&h=480&w=720&tbnid=c-763VF7yOcRrM&tbnh=183&tbnw=275&usg=AI4\_-kRA4-Rj2T5xXaTy1N2PuziZ59wA6g&vet=1&docid=k\_iq3MC1xkg-2M&itg=1&hl=ml
- 14. <a href="https://www.inaturalist.org/taxa/113819-Teinopalpus-aureus/browse\_photos">https://www.inaturalist.org/taxa/113819-Teinopalpus-aureus/browse\_photos</a>
- 15. <a href="https://www.etsy.com/in-en/listing/558288376/golden-emperor-of-india-kaiser-i-hind">https://www.etsy.com/in-en/listing/558288376/golden-emperor-of-india-kaiser-i-hind</a>
- 16. <a href="https://libutron.tumblr.com/post/105096356632/the-kaiser-i-hind-a-very-rare-butterfly">https://libutron.tumblr.com/post/105096356632/the-kaiser-i-hind-a-very-rare-butterfly</a>
- 17. <a href="https://www.deccanherald.com/content/427639/rare-butterfly-discovered-arunachal.html">https://www.deccanherald.com/content/427639/rare-butterfly-discovered-arunachal.html</a>
- 19. <a href="https://kknews.cc/zh-sg/n/r6xylmx.html">https://kknews.cc/zh-sg/n/r6xylmx.html</a>
- 20. https://butterflycircle.blogspot.com/2015\_04\_11\_archive.html?m=0
- 21. https://inaturalist.ca/photos/49395653
- 22. https://inaturalist.ca/photos/49395654
- 23. https://inaturalist.ca/photos/26835049

24. <a href="https://www.google.com/imgres?imgurl=https://t1.thpservices.com/previewim">https://t1.thpservices.com/previewim</a> age/gallil/cb4d66fc14aa45569f4166db157d279b/vd7-

3494622.jpg&imgrefurl=https://www.agefotostock.com/age/en/Stock-

Images/kaiser-i-

hind.html&h=459&w=640&tbnid=KpsWPl3z96WX8M&tbnh=190&tbnw=26 5&usg=AI4\_-kTs5M4xEY1P6-

x3LVu\_l6LSAfrq1Q&vet=1&docid=WuxsHhn3HqwwqM&itg=1&hl=ml

25. <a href="https://www.google.com/imgres?imgurl=https://c8.alamy.com/compfr/2df77dj">https://www.google.com/imgres?imgurl=https://c8.alamy.com/compfr/2df77dj</a>
/kaiser-i-hind-teinopalpus-imperalis-est-un-papillon-rare-originaire-du-nepalet-d-autres-regions-d-asie-male-cote-dorsal-

2df77dj.jpg&imgrefurl=https://www.alamyimages.fr/kaiser-i-hind-

teinopalpus-imperalis-est-un-papillon-rare-originaire-du-nepal-et-d-autres-

regions-d-asie-male-cote-dorsal-

<u>image388007470.html&h=941&w=1300&tbnid=LfqSI5jZGAo-</u>

CM&tbnh=191&tbnw=264&usg=AI4\_-

<u>kTSAHJY9u9Pjxbb8OQ7CvdSSG2ZFw&vet=1&docid=FWmNQrspa99J3M</u> <u>&itg=1&hl=ml</u>

- 26. <a href="https://news.cgtn.com/news/2020-08-31/Rare-butterfly-in-E-China-s-Fujian-Tianbaoyan-National-Nature-Reserve-ToZ2vrfLkk/index.html">https://news.cgtn.com/news/2020-08-31/Rare-butterfly-in-E-China-s-Fujian-Tianbaoyan-National-Nature-Reserve-ToZ2vrfLkk/index.html</a>
- 27. <a href="https://www.google.com/imgres?imgurl=https://inaturalist-open-data.s3.amazonaws.com/photos/49380367/original.jpeg?1566827077&imgrefurl=https://inaturalist.laji.fi/taxa/207790-

Leptocircini&h=1367&w=2048&tbnid=AW9eQu9zDpi\_xM&tbnh=183&tbn w=275&usg=AI4\_-kQ4WzLwS\_djY2WJnPIRa4FnVIRoA&vet=1&docid=BQ-ByAsDfvDwNM&itg=1&hl=ml

28. https://www.google.com/imgres?imgurl=https://inaturalist-open-

data.s3.amazonaws.com/photos/49380367/original.jpeg?1566827077&imgref url=https://inaturalist.laji.fi/taxa/207790-

 $\underline{Leptocircini\&h=1367\&w=2048\&tbnid=AW9eQu9zDpi\_xM\&tbnh=183\&tbn}\\ \underline{w=275\&usg=AI4\_-kQ4WzLwS\_djY2WJnPIR-}$ 

a4FnVIRoA&vet=1&docid=BQ-

ByAsDfvDwNM&itg=1&hl=ml#imgrc=AW9eQu9zDpi\_xM&imgdii=Qj8K-S05THYoiM

- 29. <a href="https://www.google.com/imgres?imgurl=https://inaturalist-open-data.s3.amazonaws.com/photos/49380367/original.jpeg?1566827077&imgrefurl=https://inaturalist.laji.fi/taxa/207790-Leptocircini&h=1367&w=2048&tbnid=AW9eQu9zDpi\_xM&tbnh=183&tbnw=275&usg=AI4\_-kQ4WzLwS\_djY2WJnPIR-a4FnVIRoA&vet=1&docid=BQ-ByAsDfvDwNM&itg=1&hl=ml#imgrc=AW9eQu9zDpi\_xM&imgdii=CNKFA6Hj9VLYYM
- 30. <a href="https://fr.wikipedia.org/wiki/Teinopalpus\_aureus">https://fr.wikipedia.org/wiki/Teinopalpus\_aureus</a>
- 31. https://pixels.com/featured/emperor-of-india-butterfly-tammy-yee.html
- 32. <a href="https://www.dreamstime.com/golden-kaiser-i-hind-butterfly-beautiful-colorful-isolated-white-background-vector-illustration-image214101982">https://www.dreamstime.com/golden-kaiser-i-hind-butterfly-beautiful-colorful-isolated-white-background-vector-illustration-image214101982</a>
- 33. https://photostockeditor.com/free-images/Imperialis
- 34. <a href="https://www.outlookindia.com/outlooktraveller/photos/the-iconic-kaiser-i-hind/29202">https://www.outlookindia.com/outlooktraveller/photos/the-iconic-kaiser-i-hind/29202</a>
- 35. <a href="https://www.alamyimages.fr/photo-image-kaiser-i-hind-ou-empereur-de-l-inde-papillon-teinopalpus-imperialis-139253739.html">https://www.alamyimages.fr/photo-image-kaiser-i-hind-ou-empereur-de-l-inde-papillon-teinopalpus-imperialis-139253739.html</a>
- 36. <a href="https://www.alamyimages.fr/photo-image-kaiser-i-hind-ou-empereur-de-l-inde-papillon-teinopalpus-imperialis-139253983.html">https://www.alamyimages.fr/photo-image-kaiser-i-hind-ou-empereur-de-l-inde-papillon-teinopalpus-imperialis-139253983.html</a>
- 37. <a href="https://www.alamyimages.fr/photo-image-kaiser-i-hind-ou-empereur-de-l-inde-papillon-teinopalpus-imperialis-139253741.html">https://www.alamyimages.fr/photo-image-kaiser-i-hind-ou-empereur-de-l-inde-papillon-teinopalpus-imperialis-139253741.html</a>
- 38. <a href="https://www.alamy.com/teinopalpus-imperialis-on-colorful-orchids-image441551193.html?pv=1&stamp=2&imageid=85E7B9CA-602D-488D-80AA-">https://www.alamy.com/teinopalpus-imperialis-on-colorful-orchids-image441551193.html?pv=1&stamp=2&imageid=85E7B9CA-602D-488D-80AA-</a>

- veQry%3d%26editorial%3d1%26nu%3d%26t%3d%26edoptin%3d%26custo mgeoip%3d%26cap%3d1%26cbstore%3d1%26vd%3d0%26lb%3d%26fi%3d 2%26edrf%3d%26ispremium%3d1%26flip%3d0%26pl%3d
- 39. <a href="http://swallowtails.net/T aureus.htm">http://swallowtails.net/T aureus.htm</a>
- 40. <a href="https://www.alamy.com/rare-swallowtail-butterfly-teinopalpus-imperialis-reflection-in-blue-image264724886.html">https://www.alamy.com/rare-swallowtail-butterfly-teinopalpus-imperialis-reflection-in-blue-image264724886.html</a>
- 41. <a href="https://www.alamy.com/rare-swallowtail-butterfly-teinopalpus-imperialis-reflection-image264724892.html?pv=1&stamp=2&imageid=53CCA96A-D7A8-4A5D-B633-">https://www.alamy.com/rare-swallowtail-butterfly-teinopalpus-imperialis-reflection-image264724892.html?pv=1&stamp=2&imageid=53CCA96A-D7A8-4A5D-B633-</a>
- 42. <a href="https://pl.dreamstime.com/zdj%C4%99cie-royalty-free-motyl-genialna-ziele%C5%84-image17786925">https://pl.dreamstime.com/zdj%C4%99cie-royalty-free-motyl-genialna-ziele%C5%84-image17786925</a>
- 43. <a href="https://www.shutterstock.com/image-photo/teinopalpus-imperialis-kaiser-hind-1658093959">https://www.shutterstock.com/image-photo/teinopalpus-imperialis-kaiser-hind-1658093959</a>
- 44. <a href="https://www.shutterstock.com/image-photo/teinopalpus-imperialis-kaiser-hind-1658093962">https://www.shutterstock.com/image-photo/teinopalpus-imperialis-kaiser-hind-1658093962</a>
- 45. <a href="https://www.alamy.com/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-on-dahlia-image225863850.html?pv=1&stamp=2&imageid=269E13AB-059F-4852-94FE-">https://www.alamy.com/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-on-dahlia-image225863850.html?pv=1&stamp=2&imageid=269E13AB-059F-4852-94FE-</a>

- <u>274E907217D9&p=768427&n=0&orientation=0&pn=1&searchtype=0&IsFro</u> mSearch=1
- 46. <a href="https://www.alamy.com/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-on-pink-gerber-daisy-image225863846.html?pv=1&stamp=2&imageid=87DD5ABA-67C2-4F03-8911-">https://www.alamy.com/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-on-pink-gerber-daisy-image225863846.html?pv=1&stamp=2&imageid=87DD5ABA-67C2-4F03-8911-</a>
- 47. <a href="https://www.google.com/imgres?imgurl=https://l450v.alamy.com/450v/r41g2">https://www.google.com/imgres?imgurl=https://l450v.alamy.com/450v/r41g2</a>
  e/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-on-astersr41g2e.jpg&imgrefurl=https://www.alamy.com/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-on-dahlia-image225863850.html&h=320&w=450&tbnid=36qJYLefupJaxM&tbnh=189
  &tbnw=266&usg=AI4\_-kRFFunILVK9eDiJFicJMv0-sNyPCQ&vet=1&docid=1YsT0ChjpONL2M&itg=1&hl=ml
- 48. <a href="https://news.cgtn.com/news/2021-05-24/Rare-golden-Kaiser-i-Hind-butterfly-spotted-in-Guangxi-10wikbMKQVO/index.html">https://news.cgtn.com/news/2021-05-24/Rare-golden-Kaiser-i-Hind-butterfly-spotted-in-Guangxi-10wikbMKQVO/index.html</a>
- 49. <a href="https://www.google.com/imgres?imgurl=https://www.slsc.org/wp-content/uploads/2020/10/COL\_AOTW\_WEB\_SC4.jpg&imgrefurl=https://www.slsc.org/exhibits-attractions/artifacts-of-wonder/&h=1080&w=1080&tbnid=fiIYwjypctQpnM&tbnh=225&tbnw=225</a>

- <u>&usg=AI4\_-kSsvh59TIMnpChKXf79-6X1XXhOVQ&vet=1&docid=Di4-txAGl5q2BM&itg=1&hl=ml</u>
- 50. <a href="https://www.google.com/imgres?imgurl=https%3A%2F%2Fpbs.twimg.com%2Fmedia%2FEjZjTx0U4AcVCti%3Fformat%3Djpg%26name%3D4096x4096&imgrefurl=https%3A%2F%2Fmobile.twitter.com%2FWCSIndia%2Fstatus%2F1312345688181669889%2Fphoto%2F1&tbnid=T9vPqzXnus8OWM&vet=12ahUKEwiblJ2byfTzAhVwitgFHVAYDEMQMygxegUIARCNAg..i&docid=vE5FRXGTgk0L1M&w=2480&h=2770&itg=1&q=kaiser%20i%20hind%20butterfly&hl=ml&ved=2ahUKEwiblJ2byfTzAhVwitgFHVAYDEMQMygxegUIARCNAg
- 51. <a href="https://alchemistgallery.co.uk/artists/Garden-Collection/Kaiser-I-Hind-Butterfly-Brooch-28">https://alchemistgallery.co.uk/artists/Garden-Collection/Kaiser-I-Hind-Butterfly-Brooch-28</a>
- 52. <a href="https://www.etsy.com/listing/673590468/golden-kaiser-i-hind-butterfly-original">https://www.etsy.com/listing/673590468/golden-kaiser-i-hind-butterfly-original</a>
- 53. <a href="https://thethaiger.com/news/national/unemployed-bangkok-chef-arrested-after-allegedly-trying-to-sell-rare-butterflies-to-undercover-agents">https://thethaiger.com/news/national/unemployed-bangkok-chef-arrested-after-allegedly-trying-to-sell-rare-butterflies-to-undercover-agents</a>
- 54. <a href="http://www.norththailandbirding.com/pages/planning/sightings\_2016.html">http://www.norththailandbirding.com/pages/planning/sightings\_2016.html</a>
- 55. <a href="https://www.reddit.com/r/india/comments/37lqux/a\_kaiserihind\_emperor\_of\_i">https://www.reddit.com/r/india/comments/37lqux/a\_kaiserihind\_emperor\_of\_i</a> ndia\_or\_teinopalpus/
- 56. https://kknews.cc/zh-sg/science/8xj6xpg.html
- 57. https://alchetron.com/Teinopalpus-imperialis
- 58. <a href="https://itnews.iu.edu/articles/2019/Measuring%20anthropogenic%20threats%2">https://itnews.iu.edu/articles/2019/Measuring%20anthropogenic%20threats%2</a> <a href="https://itnews.iu.edu/articles/2019/Measuring%20anthropogenic%20threats%2">0on%20Southeast%20Asian%20butterflies.php</a>
- 59. http://joias-da-natureza.blogspot.com/2016/10/

### IV. Lange's Metalmark

- 1. https://en.wikipedia.org/wiki/File:Apodemia mormo langei-02.JPG
- 2. https://eastbayexpress.com/the-last-stand-of-langes-metalmark-butterfly-1/
- 3. <a href="https://calphotos.berkeley.edu/cgi/img\_query?enlarge=0000+0000+1112+025">https://calphotos.berkeley.edu/cgi/img\_query?enlarge=0000+0000+1112+025</a>
- 4. <a href="https://www.biologicaldiversity.org/news/press\_releases/2013/antioch-dunes-07-08-2013.html">https://www.biologicaldiversity.org/news/press\_releases/2013/antioch-dunes-07-08-2013.html</a>

- 5. <a href="https://cdn.thinglink.me/api/image/573016065915748354/1024/10/scaletowidt">https://cdn.thinglink.me/api/image/573016065915748354/1024/10/scaletowidt</a> h?e=
- 6. <a href="https://www.google.com/imgres?imgurl=https://qph.fs.quoracdn.net/main-qimg-">https://qph.fs.quoracdn.net/main-qimg-</a>

d5d27efdbf8e5c5ec24bb6c7e2797c97&imgrefurl=https://www.quora.com/What-body-parts-does-a-butterfly-use-to-get-its-

food&h=450&w=610&tbnid=o88lvp6Q93TulM&tbnh=193&tbnw=261&usg= AI4\_-kSj92Q\_2jreaYgSqtQldI0YcMyHKw&vet=1&docid=q-EcNe9WSwaAM&itg=1&hl=ml

- 7. <a href="https://www.sfgate.com/bayarea/article/Weed-killers-threaten-Lange-s-metalmark-butterfly-3451816.php#photo-2767114">https://www.sfgate.com/bayarea/article/Weed-killers-threaten-Lange-s-metalmark-butterfly-3451816.php#photo-2767114</a>
- 8. <a href="http://www.thearmchairexplorer.com/california/antioch-dunes-national-wildlife-refuge.php">http://www.thearmchairexplorer.com/california/antioch-dunes-national-wildlife-refuge.php</a>
- 9. <a href="https://www.fws.gov/refuge/antioch\_dunes/LMB\_Surveys.html">https://www.fws.gov/refuge/antioch\_dunes/LMB\_Surveys.html</a>
- 10. https://www.google.com/imgres?imgurl=https://i1.wp.com/wildequity.org/wp-content/uploads/2015/11/metalmark8-25-

11\_large\_large.jpg?resize%3D400%252C488&imgrefurl=https://wildequity.org/last-stand-for-the-langes-

metalmark/&h=488&w=400&tbnid=pB0QCTn5om8ugM&tbnh=248&tbnw= 203&usg=AI4\_-

 $\underline{kTmAKjdPwgxvUmJiUiQfU5iCWQHSQ\&vet=1\&docid=InpJpBkpmvjpDM}\\ \underline{\&itg=1\&hl=ml}$ 

- 11. https://alchetron.com/Apodemia-mormo-langei
- 12. https://www.ourbreathingplanet.com/langes-metalmark-butterfly/
- 13. <a href="https://commons.wikimedia.org/wiki/File:Lange%27s\_metalmark\_butterfly\_(29292009991).jpg">https://commons.wikimedia.org/wiki/File:Lange%27s\_metalmark\_butterfly\_(29292009991).jpg</a>
- 14. <a href="http://www.jaguarambassadorsgang.org/animals/">http://www.jaguarambassadorsgang.org/animals/</a>
- 15. https://theverybesttop10.com/rarest-species-of-butterflies/
- 16. <a href="https://www.keetru.com/index.php/2018-01-12-05-57-50/2014-03-08-04-38-54/2014-03-14-11-17-76/2377-2010-01-21-08-23-25">https://www.keetru.com/index.php/2018-01-12-05-57-50/2014-03-08-04-38-54/2014-03-14-11-17-76/2377-2010-01-21-08-23-25</a>
- 17. <a href="https://www.biologicaldiversity.org/programs/population\_and\_sustainability/p">https://www.biologicaldiversity.org/programs/population\_and\_sustainability/p</a>
  <a href="mailto:op\_x/pop\_x\_issue\_15.html">op\_x/pop\_x\_issue\_15.html</a>
- 18. <a href="https://www.google.com/imgres?imgurl=https://site-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756.mozfiles.com/files/547756/catitems/thumb/Butterfly-547756/catitems/thumb/butterfly-547756/catitems/thumb/butterfly-547756/catitems/thumb/butterfly-547756/catitems/thumb/butterfly-547756/catitems/thumb/butterfly-547756/catitems/thumb/butterfly-547756/catitems

 $\frac{3c0dc3ac6869d7219cbb5679694168dc.jpg?1833620\&imgrefurl=https://www.worldanimalfoundation.com/animal_encyclopedia/params/category/173368/\&h=327\&w=420\&tbnid=-$ 

8Ja2tWA\_tCLSM&tbnh=198&tbnw=254&usg=AI4\_-

 $\frac{kT5eKAQ0M5Dblyh6gcacektC8VSIg\&vet=1\&docid=nWB0wmSIIFysdM\&it}{g=1\&hl=ml}$ 

- 19. <a href="https://www.google.com/imgres?imgurl=https://i.ytimg.com/vi/tFwXy8bq6lU/maxresdefault.jpg&imgrefurl=https://www.youtube.com/watch?v%3DtFwXy8bq6lU&h=720&w=1280&tbnid=XFi3hG6569lvvM&tbnh=168&tbnw=300&usg=AI4\_-kQjBsO-t2K\_xxRHaSI0wRal9YOp0g&vet=1&docid=4NeqqvyVNViCsM&itg=1&hl=ml
- 20. https://www.butterfliesandmoths.org/species/Apodemia-mormo?page=1

### V. Palos Verdes Blue

- 1. https://upload.wikimedia.org/wikipedia/en/5/56/PVBlue.jpg
- 2. https://bestofthesouthbay.com/palos-verdes-blue-butterfly/
- 3. https://alchetron.com/Glaucopsyche-lygdamus
- 4. <a href="https://www.dailybreeze.com/2015/06/11/tiny-palos-verdes-blue-butterfly-struggling-in-san-pedro-amid-the-states-lingering-drought/">https://www.dailybreeze.com/2015/06/11/tiny-palos-verdes-blue-butterfly-struggling-in-san-pedro-amid-the-states-lingering-drought/</a>
- 5. <a href="https://truyenhinhdulich.vn/tin-tuc/7-loai-buom-hiem-nhat-the-gioi-26259.html">https://truyenhinhdulich.vn/tin-tuc/7-loai-buom-hiem-nhat-the-gioi-26259.html</a>
- 6. https://baddogneedsrottenhome.com/page.html?image=1315
- 7. <a href="https://www.desktopnexus.com/groups/rare-lost-butterfly/image/2480098/">https://www.desktopnexus.com/groups/rare-lost-butterfly/image/2480098/</a>
- 8. <a href="https://jasonbuck.com/palos-verdes-blue-butterfly/">https://jasonbuck.com/palos-verdes-blue-butterfly/</a>
- 9. <a href="https://www.fws.gov/endangered/news/bulletin-spring2009/two-california-butterflies.html">https://www.fws.gov/endangered/news/bulletin-spring2009/two-california-butterflies.html</a>
- 10. https://kidadl.com/animal-facts/palos-verdes-blue-butterfly-facts
- 11. https://alchetron.com/Palos-Verdes-blue
- 12. <a href="https://news.cgtn.com/news/2021-05-29/Palos-Verdes-blue-One-of-the-world-s-rarest-butterflies-10EKnWDjkqc/index.html">https://news.cgtn.com/news/2021-05-29/Palos-Verdes-blue-One-of-the-world-s-rarest-butterflies-10EKnWDjkqc/index.html</a>
- 13. <a href="https://butterfly.ucdavis.edu/butterfly/glaucopsyche/lygdamus">https://butterfly.ucdavis.edu/butterfly/glaucopsyche/lygdamus</a>

- 14. https://www.inaturalist.org/observations/39905121
- 15. https://www.inaturalist.org/observations/42926281
- 16. <a href="https://www.inaturalist.org/observations/39771930">https://www.inaturalist.org/observations/39771930</a>
- 17. https://www.inaturalist.org/observations/39905933
- 18. <a href="https://www.inaturalist.org/observations/39905936">https://www.inaturalist.org/observations/39905936</a>
- 19. https://www.inaturalist.org/observations/573644
- 20. https://www.inaturalist.org/observations/73468186
- 21. https://www.inaturalist.org/observations/39727907
- 22. <a href="https://www.inaturalist.org/observations/71671354">https://www.inaturalist.org/observations/71671354</a>
- 23. https://www.inaturalist.org/observations/42535727
- 24. <a href="https://www.inaturalist.org/observations/1130136">https://www.inaturalist.org/observations/1130136</a>
- 25. https://www.inaturalist.org/observations/72409126
- 26. https://www.inaturalist.org/observations/72866791
- 27. https://www.inaturalist.org/observations/70885549
- 28. https://www.flickr.com/photos/15372354@N06/46983035855
- 29. https://www.bilibili.com/s/video/BV1ut41157o1
- 30. https://en.wikipedia.org/wiki/Glaucopsyche\_lygdamus
- 31. https://www.butterfliesandmoths.org/species/Plebejus-icarioides

### **TEST DATASET:**

Filename	Source
Bhutan Glory.1	https://indiahikes.com/trekking-arunachal-pradesh/talle-valley-
	trek-bhutan-glory-butterfly-indiahikes/#gref
Bhutan Glory.2	https://twitter.com/giroaqui/status/908634687739973633
Bhutan Glory.3	https://www.wikidata.org/wiki/Q1768041
Bhutan Glory.4	https://www.inaturalist.org/taxa/469783-Bhutanitis-
	lidderdalii/browse_photos
Chimaera Birdwing.1	https://opensea.io/assets/0x495f947276749ce646f68ac8c248420
	045cb7b5e/650591409655820170939038930913349790824971
	<u>48491644170340920061068445518659585</u>

China B' 1 ' C	1.44//
Chimaera Birdwing.2	https://www.etsy.com/listing/650697062/large-rare-ornithoptera- chimaera
Chimaera Birdwing.3	https://www.flickr.com/photos/111574386@N06/32125873135
Chimaera Birdwing.4	https://www.flickr.com/photos/111574386@N06/32007335681/in/photostream/
Chimaera Birdwing.5	https://www.flickr.com/photos/111574386@N06/31315880313/in/photostream/
Kaiser-i-Hind.1	https://www.alamy.com/teinopalpus-imperilalis-know-as-the-emperor-of-india-with-green-iridescence-wings-resting-on-sunflowers-image226227976.html?pv=1&stamp=2&imageid=74F86EF1-1AB0-440A-8B4F-C2961748B291&p=768428&n=0&orientation=0&pn=4&search type=0&IsFromSearch=1&srch=foo%3dbar%26st%3d0%26pn%3d4%26ps%3d100%26sortby%3d2%26resultview%3dsortbyPopular%26npgs%3d0%26qt%3dwashington%2520state%2520butterfly%26qt_raw%3dwashington%2520state%2520butterfly%26ic%3d3%26mr%3d0%26pr%3d0%26ot%3d0%26creative%3d%26ag%3d0%26hc%3d0%26pc%3d%26blackwhite%3d%26cutout%3d%26tbar%3d1%26et%3d0x00000000000000000000000000000000000
Kaiser-i-Hind.2	https://zhuanlan.zhihu.com/p/78076304
Lange's Metalmark.1	https://www.butterfliesandmoths.org/species/Apodemia- mormo?page=1
Lange's Metalmark.2	https://sardisandstamm.wordpress.com/about-the-wildlife/langes-metalmark-butterfly/#jp-carousel-146
Lange's Metalmark.3	https://www.google.com/url?sa=i&url=http%3A%2F%2Fwww.pgecurrents.com%2F2013%2F09%2F26%2Fcontra-costa-county-pge-continues-work-to-protect-endangered-butterfly-near-antioch-dunes%2F&psig=AOvVaw3ILBcy0aFFcJgVLpXLNIyd&ust=1638450479992000&source=images&cd=vfe&ved=0CAsQjRxqFwoTCLDk6PPVwvQCFQAAAAAdAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Lange's Metalmark.4	https://www.wildscreenexchange.org/search?s=apodemia+morm o+langei
Lange's Metalmark.5	https://www.fws.gov/endangered/about/episodes/ep_38_2012/images/main.jpg
Lange's Metalmark.6	https://www.fws.gov/cno/newsroom/Highlights/2020/Antioch- Dunes/
Lange's Metalmark.7	https://www.fws.gov/cno/Featured/Featured8-12-2015.html
Palos Verdes Blue.1	http://socalbutterflies.com/lycaenidae html/Glaucopsyche lygda mus_palosverdesensis.htm
Palos Verdes Blue.2	https://www.urbanwildlands.org/Resources/2009rearingPVB.pdf
Palos Verdes Blue.3	https://www.google.com/imgres?imgurl=http://cdn.c.photoshelter.com/img-get/I0000AlQ4S0tFBjk/s/1400/I0000AlQ4S0tFBjk.jpg&imgrefurl=https://www.solardarkroom.com/p/palos-verdes-blue&h=667&w=1000&tbnid=TisBYfm3bBrb5M&tbnh=183&tbnw=275&usg=AI4kQf00IFdkWL8wJamx0frawedyE2mw&vet=1&docid=EE1q0lfKsMycmM&itg=1&hl=ml
Palos Verdes Blue.4	https://discover.hubpages.com/education/butterfly-pictures- beautiful-and-free
Palos Verdes Blue.5	https://www.geo.de/natur/tierwelt/21502-quiz-bilderquiz- erkennen-sie-diese-schmetterlinge
Palos Verdes Blue.6	https://palosverdesbluebutterfly.wordpress.com/benefits-of-the-butterfly/