

Rare Plant Status Review: *Collema nigrescens*

Add to Considered But Rejected list

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Background

Collema nigrescens (Hudson) DC. is a foliose, gelatinous lichen in the Collemataceae that is found throughout much of the world and has abundant healthy populations in California (Wittman and Ponzetti 2006, Esslinger 2018, CNALH 2022, NatureServe 2022). It has a Global Rank of G5; it is considered Vulnerable (S3) in Washington state and Quebec Province and Imperiled (S2) in Ontario Province (NatureServe 2022). It is included in the Northwest Forest Plan for Washington and parts of Oregon (excluding the Klamath Physiographic Province) as a Category F taxon (USDA/USDI 2001). As part of the Species of Conservation Concern process, it was added to a list of species to be considered for SCC Account development by CNPS. Aaron Sims sent out an email to the Lichen Conservation Committee early in 2022, and the consensus of those who responded is that this lichen is common in California and should not be considered for addition to the CNPS Inventory (Sims 2022 pers. comm.). A preliminary examination of collections in the Consortium of North American Lichen Herbaria shows that there are over 200 collections of this lichen from California (CNALH 2022).

Recommended Actions

CNPS: Add to Considered But Rejected list

CNDDDB: Do not rank

Draft CNPS Inventory Record

Collema nigrescens

Considered But Rejected

Reason: Too common.

Common name: blistered jelly lichen

USDA Plants symbol: CONI8

Literature Cited:

[CNALH] Consortium of North American Lichen Herbaria. 2022.

<http://lichenportal.org/portal/index.php> [accessed August 2022].

Esslinger, T. L. 2018. A cumulative checklist for the lichen-forming, lichenicolous, and allied fungi of the continental US and Canada. *Opuscula Philolichenum* 17: 6–268. Available at:

<https://www.ndsu.edu/pubweb/~esslinge/chcklst/chcklst7.htm#C> and at:

http://sweetgum.nybg.org/images3/2671/370/op17p2_29January2018.pdf

[accessed August 2022].

NatureServe. 2022. NatureServe Explorer. Website
<https://explorer.natureserve.org> [accessed August 2022].

USDA/USDI. 2001. Record of Decision and Standards and Guidelines for Amendments to the Survey and Manage, Protection Buffer, and other Mitigation Measures Standards and Guidelines. Available at
https://www.blm.gov/or/plans/surveyandmanage/files/rd-rod_s_and_g-2001-01.pdf [accessed August 2022].

Wittman, E. and J. Ponzetti. 2006. Species Fact Sheet: *Collema nigrescens*. US Department of Agriculture and US Department of Interior. Available at:
<https://www.blm.gov/or/plans/surveyandmanage/files/sfs-li-collema-nigrescens-2006.pdf> [accessed August 2022].

Personal Communication:

Sims, Aaron. 2022. Rare Plant Program Director, CNPS. Personal communication summary of emails with the Lichen Conservation Committee. Email correspondence on 12 Jan 2022.