

## 2007 Coastal Lichen Known Site Revisits on the Siuslaw National Forest

Marty Stein, Project Lead

### Abstract

The objective of this survey effort was to relocate Sensitive lichen species on Siuslaw National Forest lands that were included in the Coastal Lichen Study data set, record habitat and abundance information, and map population boundaries. Target species included: *Bryoria pseudocapillaris*, *Bryoria spiralifera*, *Erioderma solediatum*, *Leptogium brebissonii*, *Leioderma solediatum*, *Heterodermia leucomelos*, *Niebla cephalota*, *Pannaria rubiginosa*, *Peltigera neckeri*, *Pyrrhospora querneae*, *Teleschistes flavicans*, *Usnea hesperina*. Nineteen (19) documented sites of twelve (12) rare coastal lichen species were visited. Of that total, target species were relocated, habitat and abundance data recorded and population boundaries mapped for eight (8) species at twelve (12) sites. The total area surveyed is estimated to be 100 acres. Target species were not located at seven (7) sites. These negative surveys may be the result of a misidentification when first reported, which is likely for two (2) *Peltigera neckeri* sites visited, both of which have *Peltigera* species similar to *P. neckeri* present. The other five (5) negative sites have species (*Erioderma solediatum*, *Leptogium brebissonii*, *Heterodermia leucomelos*, *Niebla cephalota*) that, while cryptic, are not easily misidentified and therefore it is assumed that they are very rare at the site and just not detected. In addition, two (2) new sites were recorded, one each for *Erioderma solediatum* and *Heterodermia leucomelos*. The proposal included entering tabular and spatial data into NRIS TES. This portion of the project has not been completed at this time.