Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

For Office Use:	Final database #:	Final vegetation type:	Alliance Association

I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION — circle: **Relevé or RA**

Database #: SCRU20205 | **Date:** 6/16/21 | **UID:**

Name of recorder: Anna Geiger

Other surveyors: Emma Wheeler

Location Name: Rio Del Mar Beach

GPS name: Emma — For Relevé only: **Bearing°**, left axis at ID point____ **of Long / Short** side

UTME ____ **UTMN** ____ **Zone: 11** **NAD83** GPS error: **ft./ m./ PDOP** ____

Decimal degrees: **LAT** 36.964985 **LONG** 121.899061

GPS within stand? Yes / No If No, cite from GPS to stand: distance (m) ____ bearing ° ____ inclination ° ____

and record: **Base point ID** ____ **Projected UTMs: UTME** ____ **UTMN** ____

Camera Name: Emma **Cardinal photos at ID point:**

Other photos:

Stand Size (acres): (<1) 1-5, >5 | **Plot Area (m²):** 100 / ____ | **Plot Dimensions** 10 x 10 m | **RA Radius**____ m

Exposure, Actual °: 210 NE NW SE (SW) Flat Variable | **Steepness, Actual °:** 3 0° (1-5°) >5-25° >25

Topography: Macro: top upper (mid) (lower) bottom | Micro: convex flat concave (undulating)

Geology code: SAND **Soil Texture code:** SAND | (Upland) or **Wetland/Riparian** (circle one)

% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)

H_20: 0 **BA Stems:** + **Litter:** 1 **Bedrock:** 0 **Boulder:** 0 **Stone:** 0 **Cobble:** 0 **Gravel:** 0 **Fines:** 99 =100%

% Current year bioturbation 0 **Past bioturbation present?** Yes / (No) | **% Hoof punch** 0

Fire evidence: Yes / (No) (circle one) If yes, describe in Site history section, including date of fire, if known.

Site history, stand age, comments:

We are at a moderately trafficked dune habitat at Rio Del Mar Beach adjacent to the main road. This area would have much higher native plant cover if there was less human disturbance. The mounds the Ambrosia are growing on are even in height and 1-3m in diameter. A line of Pesticides and Valkelis separates the native dune plants from open beach sand. In addition to human disturbance, Carpobrota displaces native ground cover.

Disturbance code / Intensity (L,M,H): 5 / M 20 / H 01 / M ___ / ___ ___ / ___ **"Other"** ____ / ___

II. HABITAT DESCRIPTION

Tree DBH : **T1** (<1" dbh), **T2** (1-6" dbh), **T3** (6-11" dbh), **T4** (11-24" dbh), **T5** (>24" dbh), **T6** multi-layered (T3 or T4 layer under T5, >60% cover)

Shrub: **S1** seedling (<3 yr. old), **S2** young (<1% dead), **S3** mature (1-25% dead), **S4** decadent (>25% dead)

Herbaceous: **H1** (<12" plant ht.), **H2** (>12" ht.)

Desert Riparian Tree/Shrub: **1** (<2ft. stem ht.), **2** (2-10ft. ht.), **3** (10-20ft. ht.), **4** (>20ft. ht.)

Desert Palm/Joshua Tree: **1** (<1.5" base diameter), **2** (1.5-6" diam.), **3** (>6" diam.)

III. INTERPRETATION OF STAND

Field-assessed vegetation Alliance name: Abronia latifolia - Ambrosia chamissonis

Field-assessed Association name (optional): ____

Adjacent Alliances/direction: Carpobrotus / H, Cupressus / S

Confidence in Alliance identification: L M (H) **Explain:** ____

Phenology (E,P,L): **Herb** L **Shrub** ___ **Tree** ___ **Other identification or mapping information:**

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Database #: SCRV20205 SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: 0 **Total % Vasc Veg cover:** 5

% Cover - **Conifer tree / Hardwood tree:** ____/____ **Regenerating Tree:** ____ **Shrub:** ____ **Herbaceous:** 5

Height Class - Conifer tree / Hardwood tree: ____/____ **Regenerating Tree:** ____ **Shrub:** ____ **Herbaceous:** 1

Height classes: 1=<1/2m, 2=1/2-1m, 3=1-2m, 4=2-5m, 5=5-10m, 6=10-15m, 7=15-20m, 8=20-35m, 9=35-50m, 10=>50m

Stratum categories: T=Tree, A = SApling, E = SEedling, S = Shrub, H= Herb, N= Non-vascular

% Cover Intervals for reference: r = trace, + = <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, >75%

Stratum	Species	% cover	C	Final species determination
H	Ambrosia chamissonis	3		
H	Ambrosia umbellata	1		
H	Camissoniopsis chiranthifolia	1		
H	Cakelia maritima	+		
H	Distichlis spicata	+		
H	Atriplex leucophyla	+		
H	Carpobrotus edulis	1		
	Bromus diandrus	+		

Unusual species: _____