**Keys to data fields**

**Table 1.**  Data fields for effort data files (tSCORE-Zica-Effort 20190315.txt and SCORE-Zica-TrackGISCond 20180427.txt).

|  |  |
| --- | --- |
| **Field** | **Description** |
| Project/Objective | Project code | |
| Date | Date (mm/dd/yyyy 0:00:00) | |
| Vessel | Vessel identifier | |
| Time | Time (12/30/1899 hh:mm:ss) | |
| Latitude | Latitude of vessel | |
| Longitude | Longitude of vessel | |
| Depth | Depth (m) at those coordinates | |
| 800m | Depth greater than 800 m? | |
| CatalinaBasin | Coordinates within geographic bounds of Catalina Basin? | |
| SanNic | Coordinates within geographic bounds of San Nicolas Basin? | |
| SantaCruz | Coordinates within geographic bounds of Santa Cruz Basin? | |
| SOAR | Coordinates within geographic bounds of SOAR? | |
| Q | Overall quality of conditions for survey effort | |
| B | Beaufort Sea State | |
| V | Visibility (nautical miles) | |
| S | Swell Height (feet) | |

**Table 2.**  Data fields for group-level sightings data in SCORE-Zc-Data 20190315.xlsx.

|  |  |
| --- | --- |
| **Field** | **Description** |
| Research Group | Research group code | |
| Date | Date (DD-Mon-YY) | |
| Vessel | Vessel identifier | |
| Sighting | Sighting number | |
| Basin | Basin in which sighting occurred (SanNic, SantaCruz or Catalina) | |
| Start Time | hh:mm | |
| Start Dec Lat | Start latitude of sighting in decimal | |
| Start Dec. Long | Start longitude of sighting in decimal | |
| Grp Size | Estimated total group size | |
| Num Calves | Estimated number of calves in group | |
| IDs | Number of photo IDs obtained | |

**Table S3.3.**  Data fields for individual-level sightings data in SCORE-Zc-Data 20190315.xlsx.

|  |  |
| --- | --- |
| **Field** | **Description** |
| ID | Unique identification number assigned to each individual whale | |
| Research Group | Research group code | |
| Date | Date (DD-Mon-YY) | |
| Vessel | Vessel identifier | |
| Sighting | Sighting number | |
| Field ID | Within-sighting identification code | |
| AgeClass | Assigned age class | |
| Sex | Assigned sex | |
| AgeConf | Confidence level in assigned age class | |
| SexConf | Confidence level in assigned sex | |
| FinDmg | Damage to dorsal fin? | |
| Qual L | Overall mean photo quality score for the best-quality photo in left-side encounter (range: 1 - 3) | |
| Marks L | Distinctiveness score for left-side encounter (range: 0 - 5) | |
| Q3 L | Number of photo quality aspects receiving a score of 3 for best-quality photo in left-side encounter (range: 0 - 4) | |
| Qual R | Overall mean photo quality score for the best-quality photo in right-side encounter (range: 1 - 3) | |
| Marks R | Distinctiveness score for right-side encounter (range: 0 - 5) | |
| Q3 R | Number of photo quality aspects receiving a score of 3 for best-quality photo in right-side encounter (range: 0 - 4) | |