

| BIRD_POINTS |                             |                      |
|-------------|-----------------------------|----------------------|
| P *         | CN                          | VARCHAR2 (34 BYTE)   |
| U *         | PT_ID                       | VARCHAR2 (34 BYTE)   |
| U           | PT_FOREST                   | VARCHAR2 (2 BYTE)    |
|             | PT_DISTRICT                 | VARCHAR2 (2 BYTE)    |
|             | PT_DISTRICT_NAME            | VARCHAR2 (80 BYTE)   |
|             | PT_ORIGINAL_DISTRICT_NUMBER | VARCHAR2 (2 BYTE)    |
|             | PT_ORIGINAL_DISTRICT_NAME   | VARCHAR2 (80 BYTE)   |
|             | PT_ESTAB_DATE               | DATE                 |
|             | PT_STATE                    | VARCHAR2 (2 BYTE)    |
|             | PT_COUNTY_NAME              | VARCHAR2 (30 BYTE)   |
|             | PT_LATITUDE                 | NUMBER               |
|             | PT_LONGITUDE                | NUMBER               |
|             | PT_LOCATION_ACCURACY        | NUMBER               |
|             | PT_SLOPE                    | NUMBER               |
|             | PT_ASPECT                   | VARCHAR2 (50 BYTE)   |
|             | PT_ELEVATION                | NUMBER               |
|             | PT_PHYSIOGRAPHIC_AREA       | NUMBER               |
|             | PT_POINT_TYPE               | VARCHAR2 (40 BYTE)   |
|             | PT_BCR_NUMBER               | NUMBER               |
|             | PT_COMMENT                  | VARCHAR2 (4000 BYTE) |
|             | PT_OPTIONALFIELD1           | VARCHAR2 (100 BYTE)  |
|             | PT_OPTIONALFIELD2           | VARCHAR2 (100 BYTE)  |
|             | PT_LOCATION                 | VARCHAR2 (50 BYTE)   |
|             | CREATED_BY                  | VARCHAR2 (30 BYTE)   |
|             | CREATED_DATE                | DATE                 |
|             | MODIFIED_BY                 | VARCHAR2 (30 BYTE)   |
|             | MODIFIED_DATE               | DATE                 |

| BIRD_OBSERVERS |                 |                    |
|----------------|-----------------|--------------------|
| P *            | CN              | VARCHAR2 (34 BYTE) |
| *              | OBSERVER        | VARCHAR2 (50 BYTE) |
|                | FOREST          | VARCHAR2 (2 BYTE)  |
|                | FNAME           | VARCHAR2 (50 BYTE) |
|                | MNAME           | VARCHAR2 (50 BYTE) |
|                | LNAME           | VARCHAR2 (50 BYTE) |
|                | NS_ORGANIZATION | VARCHAR2 (50 BYTE) |
|                | DISTRICT_NAME   | VARCHAR2 (50 BYTE) |
|                | CURRENT_FLAG    | VARCHAR2 (1 BYTE)  |
|                | CREATED_BY      | VARCHAR2 (30 BYTE) |
|                | CREATED_DATE    | DATE               |
|                | MODIFIED_BY     | VARCHAR2 (30 BYTE) |
|                | MODIFIED_DATE   | DATE               |

| BIRD_CODES |               |                     |
|------------|---------------|---------------------|
| P *        | CN            | VARCHAR2 (34 BYTE)  |
| U *        | CODE_TYPE     | VARCHAR2 (30 BYTE)  |
| U *        | CODE_VALUE    | VARCHAR2 (70 BYTE)  |
|            | CODE_DESCR    | VARCHAR2 (200 BYTE) |
|            | CODE_DESCR2   | VARCHAR2 (200 BYTE) |
| *          | CURRENT_FLAG  | VARCHAR2 (1 BYTE)   |
| *          | CREATED_BY    | VARCHAR2 (30 BYTE)  |
| *          | CREATED_DATE  | DATE                |
|            | MODIFIED_BY   | VARCHAR2 (30 BYTE)  |
|            | MODIFIED_DATE | DATE                |

| BIRD_ORG_REF |                    |                    |
|--------------|--------------------|--------------------|
| P *          | CN                 | VARCHAR2 (34 BYTE) |
| *            | REGION             | VARCHAR2 (2 BYTE)  |
|              | FOREST             | VARCHAR2 (2 BYTE)  |
|              | FOREST_NAME        | VARCHAR2 (30 BYTE) |
|              | DISTRICT           | VARCHAR2 (2 BYTE)  |
|              | DISTRICT_NAME      | VARCHAR2 (30 BYTE) |
|              | STATE_ABBREV       | VARCHAR2 (2 BYTE)  |
|              | STATE_NO           | NUMBER (2)         |
|              | STATE_NAME         | VARCHAR2 (30 BYTE) |
|              | COUNTY             | NUMBER (3)         |
|              | COUNTY_NAME        | VARCHAR2 (30 BYTE) |
| *            | CREATED_BY         | VARCHAR2 (30 BYTE) |
| *            | CREATED_DATE       | DATE               |
|              | MODIFIED_BY        | VARCHAR2 (30 BYTE) |
|              | MODIFIED_DATE      | DATE               |
|              | CURRENT_FLAG       | VARCHAR2 (1 BYTE)  |
|              | ORIG_DISTRICT      | VARCHAR2 (2 BYTE)  |
|              | ORIG_DISTRICT_NAME | VARCHAR2 (30 BYTE) |

| BIRD_USERS |               |                    |
|------------|---------------|--------------------|
| P *        | USERNAME      | VARCHAR2 (30 BYTE) |
| *          | FIRSTNAME     | VARCHAR2 (20 BYTE) |
| *          | LASTNAME      | VARCHAR2 (20 BYTE) |
| *          | BIRD_ROLE     | VARCHAR2 (20 BYTE) |
|            | REGION        | VARCHAR2 (2 BYTE)  |
|            | FOREST        | VARCHAR2 (2 BYTE)  |
| *          | CREATED_BY    | VARCHAR2 (30 BYTE) |
| *          | CREATED_DATE  | DATE               |
|            | MODIFIED_BY   | VARCHAR2 (30 BYTE) |
|            | MODIFIED_DATE | DATE               |

| BIRD_VISITS |                         |                      |
|-------------|-------------------------|----------------------|
| P *         | CN                      | VARCHAR2 (34 BYTE)   |
| F *         | POINT_CN                | VARCHAR2 (34 BYTE)   |
|             | VST_ID                  | VARCHAR2 (34 BYTE)   |
|             | VST_PT_ID               | VARCHAR2 (34 BYTE)   |
|             | VST_ACCESS_CN           | NUMBER               |
|             | VST_OBSERVER            | VARCHAR2 (30 BYTE)   |
|             | VST_OBSERVER_QUALS      | VARCHAR2 (20 BYTE)   |
|             | VST_ALT_OBSERVERS       | VARCHAR2 (20 BYTE)   |
|             | VST_DATA_SOURCE         | VARCHAR2 (20 BYTE)   |
|             | VST_VISIT_DATE          | DATE                 |
|             | VST_VISIT_TIME          | VARCHAR2 (4 BYTE)    |
|             | VST_VISIT_DATE_ACCURACY | VARCHAR2 (20 BYTE)   |
|             | VST_TEMPERATURE         | NUMBER               |
|             | VST_SKY_CONDITION       | VARCHAR2 (38 BYTE)   |
|             | VST_WIND_CONDITION      | VARCHAR2 (38 BYTE)   |
|             | VST_VISIT_TYPE          | VARCHAR2 (40 BYTE)   |
|             | VST_COMMENT             | VARCHAR2 (4000 BYTE) |
|             | VST_OPTIONALFIELD1      | VARCHAR2 (100 BYTE)  |
|             | VST_OPTIONALFIELD2      | VARCHAR2 (100 BYTE)  |
|             | CREATED_BY              | VARCHAR2 (30 BYTE)   |
|             | CREATED_DATE            | DATE                 |
|             | MODIFIED_BY             | VARCHAR2 (30 BYTE)   |
|             | MODIFIED_DATE           | DATE                 |

| BIRD_VEGETATION |                    |                      |
|-----------------|--------------------|----------------------|
| P *             | CN                 | VARCHAR2 (34 BYTE)   |
| F *             | POINT_CN           | VARCHAR2 (34 BYTE)   |
|                 | VEG_PT_ID          | VARCHAR2 (34 BYTE)   |
|                 | VEG_OBSERVER       | VARCHAR2 (50 BYTE)   |
|                 | VEG_INVENTORY_DATE | DATE                 |
|                 | VEG_50M_WATER      | VARCHAR2 (1 BYTE)    |
|                 | VEG_FRESH_WATER    | VARCHAR2 (1 BYTE)    |
|                 | VEG_BRACK_WATER    | VARCHAR2 (1 BYTE)    |
|                 | VEG_SALT_WATER     | VARCHAR2 (1 BYTE)    |
|                 | VEG_FLOW_WATER     | VARCHAR2 (1 BYTE)    |
|                 | VEG_STAND_WATER    | VARCHAR2 (1 BYTE)    |
|                 | VEG_100M_WATER     | VARCHAR2 (1 BYTE)    |
|                 | VEG_SUCC_CLASS     | NUMBER               |
|                 | VEG_CONIF_BA       | NUMBER               |
|                 | VEG_HWD_BA         | NUMBER               |
|                 | VEG_HDMST_BA       | NUMBER               |
|                 | VEG_OVERSTORY_CODE | NUMBER               |
|                 | VEG_OVCAN_PCT      | VARCHAR2 (10 BYTE)   |
|                 | VEG_OV_HT          | NUMBER               |
|                 | VEG_OV_DBH         | NUMBER               |
|                 | VEG_OV_AGE         | NUMBER               |
|                 | VEG_MIDDEC         | VARCHAR2 (200 BYTE)  |
|                 | VEG_MIDCON         | VARCHAR2 (200 BYTE)  |
|                 | VEG_MIDEVE         | VARCHAR2 (200 BYTE)  |
|                 | VEG_MIDCAN_PCT     | VARCHAR2 (10 BYTE)   |
|                 | VEG_SHRUBDEC       | VARCHAR2 (200 BYTE)  |
|                 | VEG_SHRUBCON       | VARCHAR2 (200 BYTE)  |
|                 | VEG_SHRUBEVE       | VARCHAR2 (200 BYTE)  |
|                 | VEG_SHRUBCAN_PCT   | VARCHAR2 (10 BYTE)   |
|                 | VEG_HERBFORB       | VARCHAR2 (200 BYTE)  |
|                 | VEG_HERBGRASS      | VARCHAR2 (200 BYTE)  |
|                 | VEG_HERBWOOD       | VARCHAR2 (200 BYTE)  |
|                 | VEG_HERBCOV_PCT    | VARCHAR2 (10 BYTE)   |
|                 | VEG_FLOOR          | VARCHAR2 (200 BYTE)  |
|                 | VEG_LIVE_CAV_12    | NUMBER               |
|                 | VEG_LIVE_CAV_20    | NUMBER               |
|                 | VEG_SNAG_CAVITY_12 | NUMBER               |
|                 | VEG_SNAG_CAVITY_20 | NUMBER               |
|                 | VEG_SNAG_12        | NUMBER               |
|                 | VEG_SNAG_20        | NUMBER               |
|                 | VEG_EVENT          | VARCHAR2 (50 BYTE)   |
|                 | VEG_EVENT_DATE     | DATE                 |
|                 | VEG_COMMENT        | VARCHAR2 (4000 BYTE) |
|                 | VEG_OPTIONALFIELD1 | VARCHAR2 (200 BYTE)  |
|                 | VEG_OPTIONALFIELD2 | VARCHAR2 (200 BYTE)  |
|                 | CREATED_BY         | VARCHAR2 (30 BYTE)   |
|                 | CREATED_DATE       | DATE                 |
|                 | MODIFIED_BY        | VARCHAR2 (30 BYTE)   |

| BIRD_OBSERVATIONS |                        |                      |
|-------------------|------------------------|----------------------|
| P *               | CN                     | VARCHAR2 (34 BYTE)   |
| F *               | VISIT_CN               | VARCHAR2 (34 BYTE)   |
|                   | OB_ID                  | VARCHAR2 (34 BYTE)   |
|                   | OB_VST_ID              | VARCHAR2 (34 BYTE)   |
|                   | OB_PT_ID               | VARCHAR2 (34 BYTE)   |
|                   | OB_AOU_CODE            | VARCHAR2 (7 BYTE)    |
|                   | OB_BD_ID               | VARCHAR2 (34 BYTE)   |
|                   | OB_TIME_INTERVAL       | VARCHAR2 (10 BYTE)   |
|                   | OB_DISTANCE_BAND       | VARCHAR2 (1 BYTE)    |
|                   | OB_GENDER              | VARCHAR2 (15 BYTE)   |
|                   | OB_REPRODUCTIVE_STATUS | VARCHAR2 (35 BYTE)   |
|                   | OB_GROUP_TYPE          | VARCHAR2 (15 BYTE)   |
|                   | OB_TOTAL_NUMBER        | NUMBER               |
|                   | OB_OBSERVATION_METHOD  | VARCHAR2 (20 BYTE)   |
|                   | OB_COMMENT             | VARCHAR2 (4000 BYTE) |
|                   | OB_OPTIONALFIELD1      | VARCHAR2 (250 BYTE)  |
|                   | OB_OPTIONALFIELD2      | VARCHAR2 (250 BYTE)  |
|                   | CREATED_BY             | VARCHAR2 (30 BYTE)   |
|                   | CREATED_DATE           | DATE                 |
|                   | MODIFIED_BY            | VARCHAR2 (30 BYTE)   |
|                   | MODIFIED_DATE          | DATE                 |