

| 步道名稱           | 位置<br>路標編號  | TWD97座標      |                  | WGS84座標          |                  | 備註 |
|----------------|-------------|--------------|------------------|------------------|------------------|----|
|                |             | X            | Y                | 東經               | 北緯               |    |
| 奇萊東稜           | 001         | 283996.598   | 2668169.582      | 121.334451763346 | 24.1183399395178 |    |
|                | 005-006     | 285526.621   | 2668066.590      | 121.349501085728 | 24.1173763062694 |    |
|                | 007         | 285849.625   | 2667860.589      | 121.352673562824 | 24.115508964615  |    |
|                | 008         | 285919.625   | 2667764.588      | 121.353359808017 | 24.1146405542489 |    |
|                | 驚嘆號水池       | 286285.399   | 2667220.805      | 121.356944444444 | 24.1097222222222 |    |
|                | 磐石西峰下黑水塘    | 286963.588   | 2667037.962      | 121.363611111111 | 24.1080555555556 |    |
|                | 磐石中峰營地      | 287782.987   | 2666855.524      | 121.371666666667 | 24.1063888888889 |    |
|                | 010         | 288676.661   | 2666673.589      | 121.38045262178  | 24.104724519142  |    |
|                | 011         | 288729.662   | 2666677.590      | 121.380974075697 | 24.1047593411404 |    |
|                | 012-013     | 289009.666   | 2666683.592      | 121.383728522703 | 24.1048066434005 |    |
|                | 014         | 289250.670   | 2666729.594      | 121.38610042377  | 24.1052160388725 |    |
|                | 015         | 289833.679   | 2666752.598      | 121.391835888089 | 24.1054091532902 |    |
|                | 016         | 289874.680   | 2666727.598      | 121.392238506524 | 24.1051823866099 |    |
|                | 017         | 289950.681   | 2666705.598      | 121.392985492143 | 24.1049818241878 |    |
|                | 主下營地        | 290054       | 2666675          | 121.394000953657 | 24.1047029304776 |    |
|                | 鐵線斷崖前營地     | 290542       | 2666665          | 121.398800914953 | 24.1046001877785 |    |
|                | 018-019     | 290764.693   | 2666684.603      | 121.400992000271 | 24.1047714563663 |    |
|                | 殉難者營地       | 290847       | 2666655          | 121.401800780036 | 24.1045020374673 |    |
|                | 020         | 291014.696   | 2666537.602      | 121.403447010077 | 24.1034376816267 |    |
|                | 白石營地        | 291325       | 2666390          | 121.406494805999 | 24.1020065661436 |    |
|                | 021         | 291441.702   | 2666373.603      | 121.407642542377 | 24.1019457455039 |    |
|                | 022         | 291719.705   | 2666247.602      | 121.410373452429 | 24.1008007442437 |    |
|                | 025         | 292163.707   | 2665517.594      | 121.414719543521 | 24.0941975458243 |    |
|                | 026-027     | 292248.708   | 2665419.593      | 121.415552733621 | 24.0933104024689 |    |
|                | 028         | 292555.712   | 2665259.593      | 121.418567625917 | 24.0918574846519 |    |
|                | 029         | 292569.712   | 2665239.592      | 121.418704737678 | 24.0916765210905 |    |
|                | 太魯閣大山       | 292818.527   | 2663854.853      | 121.421111111111 | 24.0791666666667 |    |
|                | 031         | 263452.264   | 2665664.409      | 121.132318186585 | 24.0960284433548 |    |
|                | 032         | 293660.738   | 2666674.622      | 121.429478757099 | 24.1046039359933 |    |
|                | 033-034     | 293778.741   | 2666873.626      | 121.430645505195 | 24.1063975148767 |    |
|                | 035-036     | 293925.745   | 2667045.629      | 121.432096737271 | 24.1079464873422 |    |
|                | 2660營地      | 294666       | 2667707          | 121.439398830566 | 24.1138973607128 |    |
|                | 小營地         | 295071       | 2668340          | 121.443402589034 | 24.1196013150756 |    |
|                | 037         | 295219.775   | 2668592.662      | 121.444874069153 | 24.121878382742  |    |
|                | 大理石營地       | 295260.690   | 2668630.873      | 121.445277777778 | 24.1222222222222 |    |
|                | 立霧主山        | 295292.5003  | 2668927.5690     | 121.4456         | 24.1249          |    |
| 乾水池營地          | 295292.5004 | 2669063.377  | 121.450833333333 | 24.1261111111111 |                  |    |
| 帕托魯山           | 295292.5005 | 2666110.3241 | 121.4665         | 24.0994          |                  |    |
| 057(3.8K終點索道頭) | 295292.5006 | 2670747      | 121.51720294741  | 24.141102507935  |                  |    |
| 060(研海林道吊橋)    | 295292.5007 | 2674633      | 121.513702753914 | 24.1762015954932 |                  |    |

| 步道名稱                      | 位置<br>路標編號    | TWD97座標      |              | WGS84座標  |          | 備註 |
|---------------------------|---------------|--------------|--------------|----------|----------|----|
|                           |               | X            | Y            | 東經       | 北緯       |    |
| 奇萊主北峰                     | 0.8K          | 279616.8314  | 2669883.1162 | 121.2914 | 24.1339  |    |
|                           | 1K            | 279789.7532  | 2669817.0265 | 121.2931 | 24.1333  |    |
|                           | 1.2K          | 279962.5368  | 2669817.3890 | 121.2948 | 24.1333  |    |
|                           | 1.4K          | 280074.6420  | 2669673.6495 | 121.2959 | 24.1320  |    |
|                           | 1.8K          | 280349.6086  | 2669419.5065 | 121.2986 | 24.1297  |    |
|                           | 2K            | 280512.4703  | 2669309.1039 | 121.3002 | 24.1287  |    |
|                           | 2.2K          | 280685.4271  | 2669231.9500 | 121.3019 | 24.1280  |    |
|                           | 2.6K          | 280990.8580  | 2669000.0350 | 121.3049 | 24.1259  |    |
|                           | 3K            | 281255.7138  | 2668734.8123 | 121.3075 | 24.1235  |    |
|                           | 3.2K          | 281408.4258  | 2668624.3975 | 121.3090 | 24.1225  |    |
|                           | 黑水塘山屋         | 281708.196   | 2668409.688  | 121.3119 | 24.12056 |    |
|                           | 3.7K          | 281713.8076  | 2668425.7229 | 121.3120 | 24.1207  |    |
|                           | 3.8K          | 281795.3727  | 2668315.1541 | 121.3128 | 24.1197  |    |
|                           | 4K            | 281917.5987  | 2668204.6768 | 121.3140 | 24.1187  |    |
|                           | 成功山屋          | 282385.8640  | 2667906.7066 | 121.3186 | 24.1160  |    |
|                           | 4.9K          | 282477.4258  | 2667873.6898 | 121.3195 | 24.1157  |    |
|                           | 5.2K          | 282630.1059  | 2667785.4380 | 121.3210 | 24.1149  |    |
|                           | 成功一號堡         | 282726.368   | 2667673.652  | 121.3219 | 24.11389 |    |
|                           | 主北峰岔路口        | 282833.7162  | 2667653.0049 | 121.3230 | 24.1137  |    |
|                           | 奇萊北峰          | 283995.856   | 2668168.848  | 121.3344 | 24.11833 |    |
|                           | 三叉路口往北<br>峰稜線 | 283413.0351  | 2667698.6512 | 121.3287 | 24.1141  |    |
| 往北峰最低鞍                    | 283737.6689   | 2667976.2924 | 121.3319     | 24.1166  |          |    |
| 奇萊北峰、奇<br>萊山屋、成功<br>山屋岔路口 | 283220.9013   | 2667266.2749 | 121.3268     | 24.1102  |          |    |
| 奇萊主峰                      | 282874.641    | 2664597.594  | 121.3233     | 24.0861  |          |    |

| 步道名稱 | 位置<br>路標編號 | TWD97座標     |              | WGS84座標  |          | 備註 |
|------|------------|-------------|--------------|----------|----------|----|
|      |            | X           | Y            | 東經       | 北緯       |    |
| 北一段  | 多加屯鋁屋      | 287874.735  | 2695897.651  | 121.3733 | 24.3686  |    |
|      | 多加屯山       | 288652.7735 | 2695809.9539 | 121.3810 | 24.3678  |    |
|      | 木杆鞍部       | 289857.4809 | 2696721.5030 | 121.3929 | 24.3760  |    |
|      | 審馬陣山       | 292351.615  | 2697202.546  | 121.4175 | 24.38027 |    |
|      | 審馬陣山屋      | 293224.862  | 2697297.497  | 121.4261 | 24.3811  |    |
|      | 南湖北山       | 294351.119  | 2697577.889  | 121.4372 | 24.3836  |    |
|      | 南湖北峰       | 294829.0557 | 2696503.8640 | 121.4419 | 24.3739  |    |
|      | 南湖山屋       | 295004.220  | 2696010.919  | 121.4436 | 24.3694  |    |
|      | 南湖主峰       | 294584.136  | 2695178.916  | 121.4394 | 24.3619  |    |
|      | 南湖南峰       | 294109.943  | 2693608.387  | 121.4347 | 24.3478  |    |
|      | 巴巴山        | 294421.826  | 2693024.824  | 121.4378 | 24.3425  |    |
|      | 南湖東峰       | 295710.039  | 2695613.240  | 121.4505 | 24.3658  |    |
|      | 馬比杉山       | 299267.710  | 2693686.996  | 121.4856 | 24.3483  |    |
|      | 中央尖山       | 292233.934  | 2689449.336  | 121.4161 | 24.3102  |    |

| 步道名稱         | 位置<br>路標編號  | TWD97座標      |              | WGS84座標    |           | 備註     |
|--------------|-------------|--------------|--------------|------------|-----------|--------|
|              |             | X            | Y            | 東經         | 北緯        |        |
| 北二段          | 門山002       | 282945.3488  | 2685251.9322 | 121.324500 | 24.272602 |        |
|              | 門山003       | 282509.9322  | 2685368.8769 | 121.320214 | 24.273667 |        |
|              | 門山005       | 282094.1002  | 2684777.1724 | 121.316105 | 24.268333 |        |
|              | 鈴鳴山003      | 283366.5970  | 2683611.1195 | 121.328611 | 24.257778 |        |
|              | 鈴鳴山006-007  | 283818.4525  | 2683396.7774 | 121.333056 | 24.255833 |        |
|              | 鈴鳴山008      | 283779.2612  | 2683267.5462 | 121.332667 | 24.254667 |        |
|              | 鈴鳴山009      | 284171.0706  | 2682400.8495 | 121.336505 | 24.246833 |        |
|              | 鈴鳴山019      | 284812.8586  | 2682730.5723 | 121.342833 | 24.249796 |        |
|              | 鈴鳴山020      | 284973.4275  | 2682638.3785 | 121.344412 | 24.248960 |        |
|              | 鈴鳴山021      | 285066.9863  | 2682624.5442 | 121.345333 | 24.248833 |        |
|              | 鈴鳴山022      | 285144.0136  | 2682602.4738 | 121.346091 | 24.248632 |        |
|              | 鈴鳴山023      | 285201.2866  | 2682561.4160 | 121.346654 | 24.248260 |        |
|              | 鈴鳴山024      | 285277.5965  | 2682542.2240 | 121.347405 | 24.248085 |        |
|              | 鈴鳴山025      | 285390.8643  | 2682362.6440 | 121.348516 | 24.246421 |        |
|              | 鈴鳴山026      | 285517.9831  | 2682289.7546 | 121.349766 | 24.245800 |        |
|              | 鈴鳴山027      | 285561.6859  | 2682234.7093 | 121.350195 | 24.245302 |        |
|              | 鈴鳴山028      | 285652.8213  | 2682176.3501 | 121.351091 | 24.244773 |        |
|              | 鈴鳴山029      | 285696.4650  | 2682145.1170 | 121.351520 | 24.244490 |        |
|              | 鈴鳴山030      | 285711.4056  | 2682140.0600 | 121.351667 | 24.244444 |        |
|              | 鈴鳴東鞍營地      | 285965.2019  | 2682171.4912 | 121.354167 | 24.244722 |        |
|              | 無明山008      | 287106.8436  | 2682786.7883 | 121.365425 | 24.250251 |        |
|              | 無明山010      | 287688.9592  | 2683148.1621 | 121.371167 | 24.253500 |        |
|              | 無明山011      | 287739.5337  | 2683222.1691 | 121.371667 | 24.254167 |        |
|              | 無明山013      | 288213.6285  | 2683112.6872 | 121.376333 | 24.253167 |        |
|              | 無明山014      | 288264.4000  | 2683112.8242 | 121.376833 | 24.253167 |        |
|              | 無明山015      | 288501.4518  | 2683094.9709 | 121.379167 | 24.253000 |        |
|              | 無明山016      | 288614.0994  | 2683193.7372 | 121.380279 | 24.253889 |        |
|              | 無明山017      | 288704.2125  | 2683214.6940 | 121.381167 | 24.254076 |        |
|              | 無明山018      | 289039.6309  | 2683354.2778 | 121.384474 | 24.255328 |        |
|              | 無明山019      | 289060.8573  | 2683352.7858 | 121.384683 | 24.255314 | 三角點    |
|              | 遠多志山001     | 288587.5458  | 2682541.4391 | 121.380000 | 24.280000 | 甘藷南峰營地 |
|              | 遠多志山003     | 288137.7750  | 2686165.0680 | 121.375667 | 24.280729 |        |
|              | 遠多志山004     | 287866.3077  | 2686429.7042 | 121.373000 | 24.283125 |        |
|              | 遠多志山005     | 287444.7417  | 2686604.0155 | 121.368852 | 24.284709 | 遠多志營地  |
|              | 耳無溪營地002    | 287392.1151  | 2686580.7288 | 121.368333 | 24.284500 |        |
|              | 耳無溪營地003    | 287172.3282  | 2686541.6072 | 121.366167 | 24.284152 |        |
|              | 耳無溪營地004    | 286877.7651  | 2686446.4740 | 121.363263 | 24.283300 |        |
|              | 耳無溪營地005    | 286512.6933  | 2686449.2150 | 121.359667 | 24.283333 |        |
|              | 耳無溪營地006    | 286395.0744  | 2686511.6758 | 121.358510 | 24.283900 |        |
|              | 耳無溪營地007    | 286343.2239  | 2686541.1136 | 121.358000 | 24.284167 |        |
|              | 耳無溪營地008    | 286300.2345  | 2686559.3883 | 121.357577 | 24.284333 |        |
| 耳無溪營地009-010 | 286035.1064 | 2686743.3362 | 121.354970   | 24.286000  |           |        |
| 耳無溪營地011     | 285953.3707 | 2686828.7405 | 121.354167   | 24.286773  |           |        |
| 耳無溪營地012     | 285817.3795 | 2687052.8926 | 121.352833   | 24.288800  |           |        |

| 步道名稱       | 位置<br>路標編號  | TWD97座標      |              | WGS84座標   |          | 備註 |
|------------|-------------|--------------|--------------|-----------|----------|----|
|            |             | X            | Y            | 東經        | 北緯       |    |
| 合歡北(西)峰登山口 | 0K          | 279396.1185  | 2673404.5320 | 121.2893  | 24.1657  |    |
|            | 0.6K        | 279252.8823  | 2673880.4659 | 121.2879  | 24.1700  |    |
|            | 0.7K        | 279242.4937  | 2673991.1955 | 121.2878  | 24.1710  |    |
|            | 1K          | 279211.5335  | 2674223.7090 | 121.2875  | 24.1731  |    |
|            | 1.3K        | 279048.2399  | 2674577.7778 | 121.2859  | 24.1763  |    |
|            | 1.7K        | 278813.5867  | 2675053.5299 | 121.2836  | 24.1806  |    |
|            | 合歡山北峰       | 278589.8886  | 2675141.6790 | 121.2814  | 24.1814  |    |
|            | 解說牌         | 278620.3460  | 2675152.8154 | 121.2817  | 24.1815  |    |
|            | 2.4K        | 278295.8019  | 2674864.2127 | 121.2785  | 24.1789  |    |
|            | 2.7K        | 278052.1775  | 2674752.9787 | 121.2761  | 24.1779  |    |
|            | 3.4K        | 277452.7683  | 2674729.6581 | 121.2702  | 24.1777  |    |
|            | 3.7K        | 277198.6993  | 2674762.3950 | 121.2677  | 24.1780  |    |
|            | 4.2K        | 276761.7486  | 2674794.7908 | 121.2634  | 24.1783  |    |
|            | 4.6K        | 276416.0560  | 2674927.0451 | 121.2600  | 24.1795  |    |
| 合歡山西峰      | 274851.7547 | 2674724.8723 | 121.2446     | 24.1777   |          |    |
| 合歡主峰       | 登山口         | 277604.4642  | 2669856.9236 | 121.2716  | 24.1337  |    |
|            | 觀景平台1       | 277604.0349  | 2670078.4235 | 121.2716  | 24.1357  |    |
|            | 觀景平台2       | 277613.6186  | 2670377.4681 | 121.2717  | 24.1384  |    |
|            | 碉堡          | 277704.2265  | 2670820.6458 | 121.2726  | 24.1424  |    |
|            | 公廁          | 277653.2824  | 2670886.9970 | 121.2721  | 24.1430  |    |
|            | 合歡山主峰       | 277561.9015  | 2670842.5196 | 121.2712  | 24.1426  |    |
| 合歡山東峰      | 木階梯         | 278691.2885  | 2670202.3979 | 121.2823  | 24.1368  |    |
|            | 合歡山東峰       | 278569.5714  | 2670080.3277 | 121.2811  | 24.1357  |    |
| 石門山        | 0K          | 278882.2822  | 2671243.8392 | 121.2842  | 24.1462  |    |
|            | 0.3K        | 278881.6979  | 2671531.7897 | 121.2842  | 24.1488  |    |
|            | 木椅休息區       | 278901.5056  | 2671786.5565 | 121.2844  | 24.1511  |    |
|            | 0.7K三角點     | 278921.5377  | 2671930.5731 | 121.2846  | 24.1524  |    |
| 屏風山        | 屏風山         | 284862.812   | 2671585.767  | 121.34306 | 24.14916 |    |
| 畢祿山        | 三角點         | 285268.532   | 2678724.106  | 121.34722 | 24.21361 |    |
| 羊頭山        | 三角點         | 288571.286   | 2678148.172  | 121.37972 | 24.20833 |    |