

MB/MG: arrive 26 Jun

DQ: arrives 28 Jun

Sat, June 30

12:00 Shuttle from Taichung Train Station picks up participants and begins trip to TESRI.

19:30-20:25: Dinner at TESRI.

20:30: Orientation and welcome to TESRI and Hym Course 2018; general announcements.

Sunday, July 1

8:00-8:55: Breakfast.

9:00-09:50: Lecture - Introduction to Hymenoptera - General classification and biology (MB)

10:00-10:50: Hymenoptera. Lecture - General morphology and how to recognize major groups (DQ)

11:00-11:50: Lecture/Demonstration - basics of specimen handling, mounting and labeling (all instructors).

12:00-13:00: Lunch.

13:15-17:15: Field demonstrations of collecting methods. Hymenoptera-focused natural history walk. Set up rearing station for collected hosts (all instructors).

18:00-19:00: Dinner.

20:15-22:00: Rearing techniques and protocols (DQ/MG/CT).

22:00: Nighttime collecting hymenopterans.

Monday, July 2

8:00-8:55: Breakfast.

0900-10:50 Practical - Sorting Malaise and other samples picking out Hymenoptera. Participants practice mounting their specimens and specimens supplied from Malaise trap samples.

11:00-11:50: "Symphyta," other small superfamilies, I. (MG)

12:00-12:55: Lunch.

13:00-15:00: "Symphyta," other small superfamilies, II. Specimen sorting.

15:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00: Open session for "Symphyta," other small superfamilies. Nighttime collecting hymenopterans.

Tuesday, July 3: COLLECTING TRIP – Langhuachih; 500m, broadleaf forest

Wednesday, July 4

8:00-8:55: Breakfast.

9:00-09:50 Lecture - Braconidae: major groups, their biology, evolution (DQ).

10:00-10:50 Lecture - Braconidae: lecture on Braconidae key characters (DQ).

11:00-11:50 Demonstration - Braconidae: running a small but diverse range of braconids through identification key using a microscope projector system (DQ).

12:00-12:55: Lunch.

13:00-15:00: Practical - Braconidae.

15:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00 Open session for Braconidae. Nighttime collecting of hymenopterans.

Thursday, July 5

8:00-8:55: Breakfast.

9:00-09:50 Lecture - Ichneumonidae: major groups, their biology, and evolution (DQ).

10:00-10:50: Lecture - Ichneumonidae: lecture on ichneumonid key characters (DQ).

11:00-11:50: Demonstration - Ichneumonidae: running a small but diverse range of ichneumonids through identification key using a microscope projector system (DQ).

12:00-12:55: Lunch.

13:00-15:00: Practical - Ichneumonidae

15:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00: Open session for Ichneumonidae. Nighttime collecting of hymenopterans.

Friday, July 6

8:00-8:55: Breakfast.

9:00-11:55: Chalcidoidea.

12:00-12:55: Lunch.

13:00-15:00: Chalcidoidea.

15:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00: Open session for Chalcidoidea. Nighttime collecting hymenopterans.

Saturday July 7: COLLECTING TRIP – Sun Link Sea; 1700m, mixed broadleaf and conifer

Sunday, July 8

8:00-8:55: Breakfast.

9:00-11:55: Cynipoidea.

12:00-12:55: Lunch.

13:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00: Open session for Cynipoidea. Nighttime collecting hymenopterans.

Monday, July 9

8:00-8:55: Breakfast.

9:00-11:55: Proctotrupeoidea, Ceraphronoidea, Platygastroidea, Diaprioidea.

12:00-12:55: Lunch.

13:00-15:00: Proctotrupeoidea, Ceraphronoidea, Platygastroidea, Diaprioidea.

13:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00: Open session for Proctotrupeoidea, Ceraphronoidea, Platygastroidea, Diaprioidea. Nighttime collecting hymenopterans.

Tuesday, July 10: COLLECTING TRIP – Huisan Research Park; 450-2000m; broadleaf, mixed conifer, tree fern, riparian [[31.582354](#), [120.246890](#)]

Wednesday, July 11

8:00-8:55: Breakfast.

9:00-11:55: Vespoidea.

12:00-12:55: Lunch.

13:00-15:00: Vespoidea.

13:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner.

20:00: Open session for Vespoidea,

Thursday July 12

8:00-8:55 am: Breakfast.

9:00-11:55 am: Chrysidoidea, Apoidea (Spheciformes, bees), Formicidae (ants).

12:00-12:55: Lunch.

13:00-15:00: Chrysidoidea, Apoidea (Spheciformes, bees), Formicidae (ants).

13:15-17:15: Hymenoptera-focused natural history walk and Hymenoptera collecting.

18:00-19:00: Dinner

20:00 Open session for Chrysidoidea, Apoidea (Spheciformes, bees), Formicidae (ants). Nighttime collecting hymenopterans.

Friday, July 13: Course wrap up, open discussion; banquet

Saturday, July 14: Travel back to Taichung train station